



Junos[®] Space

Edge Services Director API Reference

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Junos[®] Space Edge Services Director API Guide

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PART 1

Introduction

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CHAPTER 1

REST API Overview

- [Edge Services Director REST API Overview on page 3](#)
- [Mapping of Edge Services Director GUI Workspaces with the REST API Services on page 7](#)

Edge Services Director REST API Overview

The Juniper Networks Edge Services Director APIs are based on the Representational State Transfer (REST) standards. REST defines a set of principles for defining Web services, including how a system's resource states are transferred over HTTP. Clients can be written in any language that sends HTTP requests.

You use standard HTTP methods to access the Edge Services Director APIs. For example, HTTP GET is used by a client application to retrieve a resource, get data from a Web server or to execute a query. Common HTTP methods for REST are:

- GET – Retrieve a resource from the server.
- POST – Update a resource on the server.
- PUT – Create a resource state on the server.
- DELETE – Remove a resource state on the server.

Retrieved resources are displayed in human-readable format. Edge Services Director APIs return data in XML or JavaScript Object Notation (JSON).

The following RESTful Web Services are exposed under the Junos Space Edge Services Director root URI:

- Dashboard
- Discovery
- KPI templates
- SDG groups
- Manage devices
- Inventory

- Service Designer
- Monitoring

URI: /api/juniper/sgd

Edge Services Director RESTful Web Services provide programmatic access to the resources that are defined in Junos Space Edge Services Director. Edge Services Director RESTful Web Services follow the same standards and conventions as the Junos Space Network Application Platform RESTful Web Services. The Edge Services Director RESTful Web Services are exposed under the Juniper Networks Junos Space RESTful Web Services root URI (/api). Edge Services Director-related RESTful Web Services are exposed under the /api/juniper/sgd URI.

**Example resource
returned in XML format**

```
<kpiGroupTrendData>
  <kpiNames>kpiName1</kpiNames>
  <kpiNames>kpiName2</kpiNames>
  <trendData>
    <date>2014-04-21T17:41:54.892+05:30</date>
    <values>3</values>
    <values>2</values>
  </trendData>
  <trendData>
    <date>2014-04-21T17:26:54.893+05:30</date>
    <values>3</values>
    <values>2</values>
  </trendData>
  <trendData>
    <date>2014-04-21T17:11:54.893+05:30</date>
    <values>1</values>
    <values>3</values>
  </trendData>
  <trendData>
    <date>2014-04-21T16:56:54.893+05:30</date>
    <values>1</values>
    <values>3</values>
  </trendData>
  <trendData>
    <date>2014-04-21T16:41:54.893+05:30</date>
    <values>2</values>
    <values>3</values>
  </trendData>
  <trendData>
    <date>2014-04-21T16:26:54.893+05:30</date>
    <values>2</values>
    <values>3</values>
  </trendData>
  <trendData>
    <date>2014-04-21T16:11:54.893+05:30</date>
    <values>3</values>
    <values>1</values>
  </trendData>
  <trendData>
    <date>2014-04-21T15:56:54.893+05:30</date>
    <values>3</values>
```

```

    <values>1</values>
  </trendData>
  <trendData>
    <date>2014-04-21T15:41:54.893+05:30</date>
    <values>3</values>
    <values>2</values>
  </trendData>
</kpiGroupTrendData>

```

Example resource
returned in JSON
format

```

{
  "kpiGroupTrendData":
  {
    "kpiNames":
    [
      "kpiName1",
      "kpiName2"
    ],
    "trendData":
    [
      {
        "date": "2014-04-21T17:44:49.434+05:30",
        "values":
        [
          3,
          2
        ]
      },
      {
        "date": "2014-04-21T17:29:49.434+05:30",
        "values":
        [
          3,
          2
        ]
      },
      {
        "date": "2014-04-21T17:14:49.434+05:30",
        "values":
        [
          1,
          3
        ]
      },
      {
        "date": "2014-04-21T16:59:49.434+05:30",
        "values":
        [
          1,
          3
        ]
      },
      {
        "date": "2014-04-21T16:44:49.434+05:30",
        "values":
        [

```

```
        2,
        3
      ]
    },
    {
      "date": "2014-04-21T16:29:49.434+05:30",
      "values":
      [
        2,
        3
      ]
    },
    {
      "date": "2014-04-21T16:14:49.434+05:30",
      "values":
      [
        3,
        1
      ]
    },
    {
      "date": "2014-04-21T15:59:49.434+05:30",
      "values":
      [
        3,
        1
      ]
    },
    {
      "date": "2014-04-21T15:44:49.434+05:30",
      "values":
      [
        3,
        2
      ]
    }
  ]
}
```

Format and Conventions of RESTful Web Services

The media type for the Edge Services Director application must have the following format:

application/vendor.sgd.service.type+syntax;version=version number or

vendor.sgd.service.type+syntax;version=version number

For example, `application/vnd.net.juniper.space.monitoring.alarmscount+json;version=1`

[Table 1 on page 7](#) describes these parameters.

Table 1: Media parameters

Parameter	Description
vendor	Vendor of the media type. Media types defined by Juniper Networks use vnd.net.juniper. Third-parties must use their own vendor string when they define their own Web services in their applications that are deployed on Junos Space.
service	Name of the Junos Space-specific service. Service names are all lowercase alphanumeric tokens with hyphen separators; for example, device-management, incident-management.
type	Type of resource. Types are all lowercase alphanumeric tokens with hyphen separators; for example, device, incident.
syntax	Representation of the resource, for example xml..
version	Version of the API; versions begin with the numeral 1.

REST standards are well-described in books and on the Internet. It is not the intent of this guide to discuss the RESTful architecture. This document deals with the REST APIs exposed by Edge Services Director.

For information about Junos Space SDK, refer to [Junos Space SDK](#).

Mapping of Edge Services Director GUI Workspaces with the REST API Services

RESTful Web Services are exposed under the Junos Space Edge Services Director root uniform resource indicator (URI). While you can use REST API calls to efficiently and easily configure, deploy, and administer a large number of services on service delivery gateways (SDGs), it is helpful to be familiar with the GUI workspaces and windows in the Edge Services Director interface that correspond to the different REST Web Services. [Table 2 on page 7](#) illustrates the different REST API services and their corresponding windows or pages in the Edge Services Director GUI:

Table 2: Association Between the REST API Services and GUI Windows

REST API Service	GUI Workspace
Dashboard RESTful Web Services	Widgets in the Dashboard View, which is the default page that is displayed when you log in to Edge Services Director. The Service Gateway Alarms, Service Gateway Ticker Messages, Service Gateway Status Trend, and Service Gateway Health Status widgets are displayed.
SDG Devices Management RESTful Web Services	In Gateway View of Build mode, the Unmanaged Gateway and Managed Gateway pages that are displayed when you select Service Gateway > Unmanaged Gateway or Service Gateway > Managed Gateway in the Tasks pane.
Discover Devices RESTful Web Services	In Gateway View of Build mode, the Discovery Profiles page that is displayed when you select Service Gateway > Discover Gateway in the Tasks pane.

Table 2: Association Between the REST API Services and GUI Windows (*continued*)

REST API Service	GUI Workspace
KPI Templates RESTful Web Services	In Gateway View of Build mode, the KPI Templates page that is displayed when you select Service Gateway > KPI Templates in the Tasks pane.
SDG Groups RESTful Web Services	In Gateway View of Build mode, the Service Gateway Groups page that is displayed when you select Service Gateway > Groups in the Tasks pane.
Inventory RESTful Web Services	In Gateway View of Build mode, the View Inventory page that is displayed when you select the Inventory > View Inventory option in the Tasks pane.
Service Designer RESTful Web Services	<p>In Service View of Build mode, the Manage Service Templates pages that are displayed for different service types when you select Service Template > Manage Service Templates in the Tasks pane and a particular service type, such as ADC, TLB, CGNAT, or SFW in the View pane.</p> <p>In Service View of Build mode, the Service Template Statistics page that is displayed when you select Service Template > View Statistics in the Tasks pane and the All Services node in the View pane.</p>
Service Edit RESTful Web Services	<p>In Service View of Deploy mode, the pages displayed when you select the Deploy Service > Service Edit and Deploy Service > Packet Filter options in the Tasks pane.</p> <p>In Gateway View of Deploy mode, with an SDG group or an individual SDG selected in the View pane, the Service Edit pages that are displayed when you select the options, such as ADC, TLB, CGNAT, SFW, or Packet Filter under the Service Edit tree in the Tasks pane enable you to modify the services and policies.</p> <p>In Gateway View of Deploy mode, the Service Edit Object Statistics page that is displayed when you select the Service Edit > View Statistics option in the Tasks pane.</p>
Enhanced Service Edit RESTful Web Services	In Gateway View of Deploy mode, with All Network selected in View pane and Policy & Filters selected in the task pane, you can select a different SDG host from the Host Name list, and a different rule term from the Term Name list from the page that lists all of the previously defined service policies.
Object Builder RESTful Web Services	In Service View of Build mode, the options displayed under the Object Builder tree in the Tasks pane enable you to retrieve common configuration settings for services from existing hosts and XML configuration files.
Deployment Plans RESTful Web Services	In Gateway View of Deploy mode, and in Service View of Deploy mode, the Deployment Plans page that is displayed when you select Deploy Service > Manage Deployment Plans in the Tasks pane.

Table 2: Association Between the REST API Services and GUI Windows (*continued*)

REST API Service	GUI Workspace
Transactions RESTful Web Services	In Gateway View of Deploy mode, and in Service View of Deploy mode, the Transactions page that is displayed when you select Deploy Service > Transactions in the Tasks pane.
Monitoring RESTful Web Services	<p>In Gateway View of Monitor mode, the widgets are displayed on the Monitoring page. The Master and Standby tabs display information about the primary or master, and standby or secondary SDGs in an SDG pair. The Statistics and Chassis View tabs are displayed to show graphs for parameters such as the alarms, high availability KPIs, and the chassis component details.</p> <p>In Service View of Monitor mode, depending on the service type you select from the View pane, such as ADC or TLB, the corresponding service-related health and status details are displayed in graphs using widgets.</p>
Service Analyzer RESTful Web Services	In Gateway View of Build mode, the options, such as ADC Filter, TLB Filter, and CGNAT Filter, displayed under the Service Analyzer tree in the Tasks pane.

PART 2

Edge Services Director REST API Objects

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- [SDG Devices Management RESTful Web Services on page 57](#)
- [Discover Devices RESTful Web Services on page 61](#)
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CHAPTER 2

Dashboard RESTful Web Services

- [Dashboard RESTful Web Services on page 13](#)

Dashboard RESTful Web Services

The following operations can be performed using the Edge Services Director Dashboard RESTful Web Services.

Get Alarms By Severity Levels

This request is used to retrieve alarms classified by severity levels.

URI	/api/sgd/dashboard/sgd-dashboard/getAlarmsBySeverity
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.dashboard.sgd-dashboard.getAlarmsBySeverity+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects alarms based on severity levels.

Response Status Code

Message	Description
200 OK	Successful collection of alarms based on severity levels

Output

Sample JSON Output

```
{ "alarmsresponse" : { "alarms" : [ { "data" : 72,
  "name" : "Critical"
},
{ "data" : 6,
  "name" : "Major"
},
{ "data" : 0,
  "name" : "Minor"
}
```

```
}
]}}
```

Sample XML Output

```
<alarmsresponse>
<alarms>
<data>22</data>
<name>Critical</name>
</alarms>
<alarms>
<data>0</data>
<name>Major</name>
</alarms>
<alarms>
<data>3</data>
<name>Minor</name>
</alarms>
</alarmsresponse>
```

Get Ticker Updates in the Dashboard

This request is used to retrieve the ticker updates in the dashboard. The SDG dashboard ticker constantly updates with the event, messages and logs.

URI	/api/sgd/dashboard/sgd-dashboard/getTickerUpdates
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.dashboard.sgd-dashboard.getTickerUpdates+xml;version=1;charset=UTF-8 application/vnd.net.juniper.space.dashboard.sgd-dashboard.getTickerUpdates+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects ticker updates

Response Status Code

Message	Description
200 OK	Successful collection of the ticker updates

Output

Sample JSON Output

```
{
  "tickerMessageResponse": {
    "tickerMessage": [
      {
        "time": 1416393996000,
        "sdgName": "mcmx240a-mcmx240c",
        "sdgHost": "mcmx240c",
        "serviceType": "HA",
        "messageSource": "pm",

```



```

    "message": "User defined threshold event: CGNAT default route status is not proper"
  },
  {
    "time": 1416393893000,
    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "messageSource": "pm",
    "message": "User defined threshold event: Routing Engine 0 of chassis CPU usage
is breached threshold value 95.0"
  },
  {
    "time": 1416393395000,
    "sdgName": "mcmx240a-mcmx240c",
    "sdgHost": "mcmx240a",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Count of VIPs down 11.0 "
  },
  {
    "time": 1416393395000,
    "sdgName": "mcmx240a-mcmx240c",
    "sdgHost": "mcmx240a",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg_v6",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
  },
  {
    "time": 1416393395000,
    "sdgName": "mcmx240a-mcmx240c",
    "sdgHost": "mcmx240a",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
  },
  {
    "time": 1416393395000,
    "sdgName": "mcmx240a-mcmx240c",
    "sdgHost": "mcmx240a",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
  },
  {
    "time": 1416393395000,
    "sdgName": "mcmx240a-mcmx240c",
    "sdgHost": "mcmx240a",
    "serviceType": "HA",
    "messageSource": "pm",

```

```
"message": "User defined threshold event: CGNAT default route status is not proper"
},
{
  "time": 1416393395000,
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  "sdgHost": "mcmx240a",
  "serviceType": "HA",
  "messageSource": "pm",
  "message": "User defined threshold event: all VIP's are not point to local ADC service
pic"
},
{
  "time": 1416393292000,
  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "serviceType": "HA",
  "messageSource": "pm",
  "message": "User defined threshold event: CGNAT default route status is not proper"
},
{
  "time": 1416392091000,
  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg_v6",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
},
{
  "time": 1416392091000,
  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
},
{
  "time": 1416392091000,
  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg_v6",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
},
{
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  "serviceType": "TLB",
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threshold limit - 30.0% "
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Count of VIPs down 10.0 "
  },
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: VRRP HA status is incorrect "
  },
  {
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    "sdgHost": "mobst480x",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: CGNAT default route status is not proper"
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480x",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: VRRP HA status is incorrect "
  },
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    "sdgHost": "mobst480x",
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    "messageSource": "pm",
    "message": "User defined threshold event: all VIP's are not point to local ADC service

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pic"
},
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  "sdgHost": "mcmx240c",
  "serviceType": "HA",
  "messageSource": "pm",
  "message": "User defined threshold event: CGNAT default route status is not proper"
},
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  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "messageSource": "pm",
  "message": "User defined threshold event: Routing Engine 0 of chassis CPU usage
is breached threshold value 95.0"
},
{
  "time": 1416390395000,
  "sdgName": "mcmx240a-mcmx240c",
  "sdgHost": "mcmx240a",
  "serviceType": "ADC",
  "serviceInstanceName": "lb1",
  "messageSource": "pm",
  "message": "User defined threshold event: Count of VIPs down 11.0 "
},
{
  "time": 1416390395000,
  "sdgName": "mcmx240a-mcmx240c",
  "sdgHost": "mcmx240a",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg_v6",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
},
{
  "time": 1416390395000,
  "sdgName": "mcmx240a-mcmx240c",
  "sdgHost": "mcmx240a",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
},
{
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  "sdgName": "mcmx240a-mcmx240c",
  "sdgHost": "mcmx240a",
  "serviceType": "ADC",
  "serviceInstanceName": "lb1",
  "messageSource": "pm",
  "message": "User defined threshold event: Less than 30.0% of configured real servers
```

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are up"
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    "sdgHost": "mcmx240a",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: CGNAT default route status is not proper"
  },
  {
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    "sdgName": "mcmx240a-mcmx240c",
    "sdgHost": "mcmx240a",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: all VIP's are not point to local ADC service
pic"
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: CGNAT default route status is not proper"
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg_v6",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
  },
  {
    "time": 1416389152000,
    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg",
    "messageSource": "pm",

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    "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
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  {
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    "sdgHost": "mobst480w",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg_v6",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Count of VIPs down 10.0 "
  },
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    "sdgHost": "mobst480w",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: VRRP HA status is incorrect "
  },
  {
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    "sdgHost": "mobst480x",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: CGNAT default route status is not proper"
  },
  {
    "time": 1416388490000,
    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480x",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: VRRP HA status is incorrect "
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    },
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      "sdgHost": "mobst480x",
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      "messageSource": "pm",
      "message": "User defined threshold event: all VIP's are not point to local ADC service
pic"
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      "sdgHost": "mcmx240c",
      "serviceType": "HA",
      "messageSource": "pm",
      "message": "User defined threshold event: CGNAT default route status is not proper"
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    {
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      "sdgName": "mobst480w-mobst480x",
      "sdgHost": "mobst480w",
      "messageSource": "pm",
      "message": "User defined threshold event: Routing Engine 0 of chassis CPU usage
is breached threshold value 95.0"
    },
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      "sdgHost": "mcmx240a",
      "serviceType": "ADC",
      "serviceInstanceName": "lb1",
      "messageSource": "pm",
      "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
    },
    {
      "time": 1416387401000,
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      "sdgHost": "mcmx240a",
      "serviceType": "TLB",
      "serviceInstanceName": "tlb_sdg_v6",
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      "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
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      "sdgHost": "mcmx240a",
      "serviceType": "ADC",
      "serviceInstanceName": "lb1",
      "messageSource": "pm",
      "message": "User defined threshold event: Count of VIPs down 11.0 "
    },
  ],

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{
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  "sdgHost": "mcmx240a",
  "serviceType": "HA",
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  "message": "User defined threshold event: CGNAT default route status is not proper"
},
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  "sdgHost": "mcmx240a",
  "serviceType": "HA",
  "messageSource": "pm",
  "message": "User defined threshold event: all VIP's are not point to local ADC service
pic"
},
{
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  "sdgHost": "mcmx240a",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
},
{
  "time": 1416387359000,
  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "serviceType": "HA",
  "messageSource": "pm",
  "message": "User defined threshold event: CGNAT default route status is not proper"
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  "sdgHost": "mobst480w",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg_v6",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
},
{
  "time": 1416386091000,
  "sdgName": "mobst480w-mobst480x",
  "sdgHost": "mobst480w",
  "serviceType": "TLB",
  "serviceInstanceName": "tlb_sdg",
  "messageSource": "pm",
  "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
```



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    },
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      "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
    },
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      "sdgHost": "mobst480w",
      "serviceType": "TLB",
      "serviceInstanceName": "tlb_sdg",
      "messageSource": "pm",
      "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
    },
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      "sdgHost": "mobst480w",
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      "serviceInstanceName": "lb1",
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      "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
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      "sdgHost": "mobst480w",
      "serviceType": "ADC",
      "serviceInstanceName": "lb1",
      "messageSource": "pm",
      "message": "User defined threshold event: Count of VIPs down 10.0 "
    },
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      "sdgHost": "mobst480w",
      "serviceType": "HA",
      "messageSource": "pm",
      "message": "User defined threshold event: VRRP HA status is incorrect "
    },
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      "sdgHost": "mobst480x",
      "serviceType": "HA",
      "messageSource": "pm",
      "message": "User defined threshold event: CGNAT default route status is not proper"
    }
  ]
}

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    },
    {
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pic"
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    {
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      "sdgHost": "mobst480x",
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      "messageSource": "pm",
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      "sdgHost": "mobst480w",
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is breached threshold value 95.0"
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      "sdgHost": "mobst480w",
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      "message": "User defined threshold event: CGNAT default route status is not proper"
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      "sdgHost": "mobst480w",
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      "sdgHost": "mobst480w",
      "serviceType": "TLB",
      "serviceInstanceName": "tlb_sdg",
      "messageSource": "pm",
      "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
    },
    {
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      "sdgName": "mobst480w-mobst480x",
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index is not available"
    },
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      "sdgHost": "mobst480w",
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      "serviceInstanceName": "tlb_sdg_v6",
      "messageSource": "pm",
      "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
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    {
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      "sdgHost": "mobst480w",
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      "serviceInstanceName": "lb1",
      "messageSource": "pm",
      "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
    },
    {
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      "sdgHost": "mobst480w",
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      "serviceInstanceName": "tlb_sdg_v6",
      "messageSource": "pm",
      "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
    },
    {
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      "sdgHost": "mobst480w",
      "serviceType": "ADC",
      "serviceInstanceName": "lb1",
      "messageSource": "pm",
      "message": "User defined threshold event: Count of VIPs down 10.0 "
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      "sdgHost": "mobst480x",
      "serviceType": "HA",
      "messageSource": "pm",
      "message": "User defined threshold event: VRRP HA status is incorrect "
    },
    {
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      "message": "User defined threshold event: CGNAT default route status is not proper"
    },
    {
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      "sdgName": "mobst480w-mobst480x",
      "sdgHost": "mobst480x",
      "serviceType": "HA",
      "messageSource": "pm",
      "message": "User defined threshold event: all VIP's are not point to local ADC service
pic"
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      "sdgHost": "mobst480w",
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      "message": "User defined threshold event: Routing Engine 0 of chassis CPU usage
is breached threshold value 95.0"
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      "sdgHost": "mobst480w",
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      "messageSource": "pm",
      "message": "User defined threshold event: CGNAT default route status is not proper"
    },
    {
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      "sdgHost": "mobst480w",
      "serviceType": "ADC",
      "serviceInstanceName": "lb1",
      "messageSource": "pm",
      "message": "User defined threshold event: Less than 30.0% of configured real servers
are up"
    },
    {
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      "sdgName": "mobst480w-mobst480x",
      "sdgHost": "mobst480w",
      "serviceType": "TLB",
      "serviceInstanceName": "tlb_sdg_v6",
      "messageSource": "pm",
      "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
    },
    {
      "time": 1416380089000,
      "sdgName": "mobst480w-mobst480x",

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    "serviceInstanceName": "tlb_sdg",
    "messageSource": "pm",
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index is not available"
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "TLB",
    "serviceInstanceName": "tlb_sdg",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB Real server down percentage is above
threshold limit - 30.0% "
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "ADC",
    "serviceInstanceName": "lb1",
    "messageSource": "pm",
    "message": "User defined threshold event: Count of VIPs down 10.0 "
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480w",
    "serviceType": "HA",
    "messageSource": "pm",
    "message": "User defined threshold event: VRRP HA status is incorrect "
  },
  {
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    "sdgHost": "mobst480w",
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    "serviceInstanceName": "tlb_sdg_v6",
    "messageSource": "pm",
    "message": "User defined threshold event: TLB routing instance composite next hop
index is not available"
  },
  {
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    "sdgHost": "mobst480x",
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    "messageSource": "pm",
    "message": "User defined threshold event: VRRP HA status is incorrect "
  },
  {
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    "sdgName": "mobst480w-mobst480x",
    "sdgHost": "mobst480x",

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        "message": "User defined threshold event: all VIP's are not point to local ADC service
pic"
    },
    {
        "time": 1416379496000,
        "sdgName": "mobst480w-mobst480x",
        "sdgHost": "mobst480x",
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        "messageSource": "pm",
        "message": "User defined threshold event: CGNAT default route status is not proper"
    }
}
}
}
}

```

Get SDGs in Dashboard Tile View

This request is used to retrieve the SDGs in the tile view of the dashboard. The dashboard default view is tiled view. In tile view, a high-level, graphical view of the chassis is shown. It indicates the state of the interfaces. When the administrative and operational status of the interface is up, it is displayed in green. If the administrative status is down, the interface is displayed in grey. And, if the administrative status is up and operational status is down, the interface is displayed in amber

URI	/api/sgd/dashboard/sgd-dashboard/getAllSDGForTiledView
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.sgd-dashboard.getAllSDGForTiledView+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the SDGs in dashboard tile view

Response Status Code

Message	Description
200 OK	Successful collection of the SDGs in dashboard tile view

Input

Sample JSON Input

```

displayFavoriteSdgs=false&
limit=25&
page=1&
start=0&
userPreference=

```

```

{ "dashboardFilter" : { "alarmFilter" : { "all" : false,
    "critical" : false,
    "major" : false,
    "minor" : false
  },
  "allFilters" : false,
  "filterApplied" : false,
  "kpiFilter" : { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Control CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Data Core CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  }
],
  "cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Statful Sync Status",
    "orange" : false,
    "red" : false
  }
],
  "haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",

```

```

        "orange" : false,
        "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "CGNAT Stateful Sync Status",
      "orange" : false,
      "red" : false
    }
  ],
  "sfwFilter" : [ { "green" : false,
                    "kpiAttrName" : "CPU Status",
                    "orange" : false,
                    "red" : false
                  },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ],
  "tlbFilter" : [ { "green" : false,
                    "kpiAttrName" : "CPU Status",
                    "orange" : false,
                    "red" : false
                  },
    { "green" : false,
      "kpiAttrName" : "Real Servers Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ]
}
},
"emptyFilterPreference" : true,
"favoritePreferenceList" : [ { "favorite" : true,
                              "sdgName" : "MonitoringSDG-Trend"
                            } ],
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
}

```

Output

Sample JSON Output

```

{ "representationresponse" : { "sdgs" : [ { "adc" : true,
      "adcStatus" : "red",
      "cgnat" : true,
      "cgnatStatus" : "green",
      "favorite" : false,
      "ha" : true,

```



```

    "haStatus" : "red",
    "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:34273",
    "name" : "MonitoringSDG-Trend",
    "sdgHealthStatus" : "red",
    "sfw" : true,
    "sfwStatus" : "green",
    "tlb" : true,
    "tlbStatus" : "red"
  },
  { "adc" : true,
    "adcStatus" : "green",
    "cgnat" : true,
    "cgnatStatus" : "green",
    "favorite" : false,
    "ha" : true,
    "haStatus" : "green",
    "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:34803",
    "name" : "napt",
    "sdgHealthStatus" : "green",
    "sfw" : true,
    "sfwStatus" : "green",
    "tlb" : true,
    "tlbStatus" : "green"
  },
  { "adc" : true,
    "adcStatus" : "red",
    "cgnat" : true,
    "cgnatStatus" : "green",
    "favorite" : false,
    "ha" : true,
    "haStatus" : "red",
    "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:37892",
    "name" : "MonitoringSDG-Sanity",
    "sdgHealthStatus" : "red",
    "sfw" : true,
    "sfwStatus" : "green",
    "tlb" : true,
    "tlbStatus" : "red"
  }
],
"success" : true,
"totalGreen" : 1,
"totalGrey" : 0,
"totalOrange" : 0,
"totalRed" : 2,
"totalRows" : 0
} }

```

Get the Count of Network Alarms

This request is used to retrieve the total number of network alarms.

URI

/api/sgd/dashboard/commondatanotification/
getnetworkalarmscount

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.dashboard.sdg-dashcommondatanotification.getnetworkalarmscount+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the total number of alarms

Response Status Code

Message	Description
200 OK	Successful collection of the number of network alarms

Output**Sample JSON Output**

```
{ "NetworkAlarmsCountTO" : { "critical" : 72,
  "major" : 6,
  "minor" : 1
} }
```

Get the Health Status Graph of SDGs

This request is used to retrieve the health status graph of SDGs

URI	api/sgd/dashboard/sgd-dashboard/getAllSDGStatusCount?page=1&start=0&limit=25
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.dashboard.sdgstatuscount+json;version="1"
Consumes	None
Produces	Collects the health status graph of SDGs

Response Status Code

Message	Description
200 OK	Successful collection of the health status graph of SDGs

Output**Sample JSON Output**

```
{ "statusresponse" : { "sdgstatus" : [ { "green" : 0,
  "orange" : 0,
  "red" : 0,
```

```

    "time" : 1416351600000
  },
  { "green" : 0,
    "orange" : 0,
    "red" : 0,
    "time" : 1416355200000
  },
  { "green" : 1,
    "orange" : 0,
    "red" : 1,
    "time" : 1416358800000
  },
  { "green" : 0,
    "orange" : 0,
    "red" : 2,
    "time" : 1416362400000
  },
  { "green" : 1,
    "orange" : 0,
    "red" : 1,
    "time" : 1416366000000
  },
  { "green" : 1,
    "orange" : 0,
    "red" : 2,
    "time" : 1416369600000
  },
  { "green" : 1,
    "orange" : 0,
    "red" : 2,
    "time" : 1416371404000
  }
]}}

```

Get SDGs in Dashboard Group View

This request is used to retrieve the SDGs in the group view of the dashboard.

URI	/api/sgd/dashboard/sgd-dashboard/getAllSDGForGroupView
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.sgd-dashboard.getAllSDGForGroupView+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the SDGs in dashboard group view

Response Status Code

Message	Description
200 OK	Successful collection of the SDGs in dashboard group view

Input

Sample JSON Input

```

displayFavoriteSdgs false
limit 4
page 1
sdgHealthStatus green
start 0
userPreference
{ "dashboardFilter" : { "alarmFilter" : { "all" : false,
    "critical" : false,
    "major" : false,
    "minor" : false
  },
  "allFilters" : false,
  "filterApplied" : false,
  "kpiFilter" : { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Contorl CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Data Core CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  }
],
  "cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",

```

```

        "orange" : false,
        "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Statful Sync Status",
      "orange" : false,
      "red" : false
    }
  ],
  "haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "CGNAT Stateful Sync Status",
    "orange" : false,
    "red" : false
  }
  ],
  "sfwFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  }
  ],
  "tlbFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  }
  ],
  "emptyFilterPreference" : true,
  "favoritePreferenceList" : [ { "favorite" : true,

```

```
    "sdgName" : "MonitoringSDG-Trend"
  } ],
  "groupViewPageSize" : 4,
  "tileViewPageSize" : 25,
  "userDefaultView" : "TILE_VIEW"
}
```

Output

Sample JSON Output

```
{ "sdggroupresponse" : { "group" : { "groupName" : "Default-Group",
  "sdg" : [ { "adc" : true,
    "adcStatus" : "red",
    "cgnat" : true,
    "cgnatStatus" : "green",
    "favorite" : false,
    "ha" : true,
    "haStatus" : "red",
    "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:34273",
    "name" : "MonitoringSDG-Trend",
    "sdgHealthStatus" : "red",
    "sfw" : true,
    "sfwStatus" : "green",
    "tlb" : true,
    "tlbStatus" : "red"
  },
  { "adc" : true,
    "adcStatus" : "green",
    "cgnat" : true,
    "cgnatStatus" : "green",
    "favorite" : false,
    "ha" : true,
    "haStatus" : "green",
    "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:34803",
    "name" : "napt",
    "sdgHealthStatus" : "green",
    "sfw" : true,
    "sfwStatus" : "green",
    "tlb" : true,
    "tlbStatus" : "green"
  },
  { "adc" : true,
    "adcStatus" : "red",
    "cgnat" : true,
    "cgnatStatus" : "green",
    "favorite" : false,
    "ha" : true,
    "haStatus" : "red",
    "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:37892",
    "name" : "MonitoringSDG-Sanity",
    "sdgHealthStatus" : "red",
    "sfw" : true,
    "sfwStatus" : "green",
    "tlb" : true,
    "tlbStatus" : "red"
  }
}
}
```

```
    ]
  },
  "success" : true,
  "totalGreen" : 1,
  "totalGrey" : 0,
  "totalOrange" : 0,
  "totalRed" : 2,
  "totalRows" : 0
} }
```

Get SDGs in Green Band View

This request is used to retrieve the SDGs in the band view of the dashboard that are in green.

URI	/api/sgd/dashboard/sgd-dashboard/getAllTiledSDGByStatus
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.tiledsdg+json;version=1
Consumes	None
Produces	Collects the SDGs in dashboard band view that are in green

Response Status Code

Message	Description
200 OK	Successful collection of the green SDGs in dashboard band view

Input

Sample JSON Input

```
displayFavoriteSdgs false
limit 4
page 1
sdgHealthStatus green
start 0
userPreference
{ "dashboardFilter" : { "alarmFilter" : { "all" : false,
    "critical" : false,
    "major" : false,
    "minor" : false
  },
  "allFilters" : false,
  "filterApplied" : false,
  "kpiFilter" : { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : false
  },
  }
```

```
{ "green" : false,
  "kpiAttrName" : "Real Servers Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Control CPU Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Data Core CPU Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Service Pic Status",
  "orange" : false,
  "red" : false
}
],
"cgnatFilter" : [ { "green" : false,
  "kpiAttrName" : "CPU Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Memory Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Service Pic Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Statful Sync Status",
  "orange" : false,
  "red" : false
}
],
"haFilter" : [ { "green" : false,
  "kpiAttrName" : "VRRP Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "CGNAT Stateful Sync Status",
  "orange" : false,
  "red" : false
}
],
"sfwFilter" : [ { "green" : false,
  "kpiAttrName" : "CPU Status",
  "orange" : false,
```



```

        "red" : false
      },
      { "green" : false,
        "kpiAttrName" : "Service Pic Status",
        "orange" : false,
        "red" : false
      }
    ],
    "tlbFilter" : [ { "green" : false,
      "kpiAttrName" : "CPU Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Real Servers Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ]
},
"emptyFilterPreference" : true,
"favoritePreferenceList" : [ { "favorite" : true,
  "sdgName" : "MonitoringSDG-Trend"
} ],
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
}

```

Output

Sample JSON Output

```

{ "representationresponse" : { "sdgs" : [ { "adc" : true,
  "adcStatus" : "red",
  "cgnat" : true,
  "cgnatStatus" : "green",
  "favorite" : false,
  "ha" : true,
  "haStatus" : "red",
  "moid" : "net.juniper.jmp.sgd.statusmanager.jpasdgStatusDataEntity:34273",
  "name" : "MonitoringSDG-Trend",
  "sdgHealthStatus" : "red",
  "sfw" : true,
  "sfwStatus" : "green",
  "tlb" : true,
  "tlbStatus" : "red"
},
{ "adc" : true,
  "adcStatus" : "red",
  "cgnat" : true,
  "cgnatStatus" : "green",

```

```

        "favorite" : false,
        "ha" : true,
        "haStatus" : "red",
        "moid" : "net.juniper.jmp.sgd.statusmanager.jpa.SDGStatusDataEntity:37892",
        "name" : "MonitoringSDG-Sanity",
        "sdgHealthStatus" : "red",
        "sfw" : true,
        "sfwStatus" : "green",
        "tlb" : true,
        "tlbStatus" : "red"
    }
],
    "success" : true,
    "totalGreen" : 1,
    "totalGrey" : 0,
    "totalOrange" : 0,
    "totalRed" : 2,
    "totalRows" : 3
} }

```

Get SDGs in Red Band View

This request is used to retrieve the SDGs in the band view of the dashboard that are in red.

URI	/api/sgd/dashboard/sgd-dashboard/getAllTiledSDGByStatus
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.tiledsdg+json;version=1
Consumes	None
Produces	Collects the SDGs in dashboard band view that are in red

Response Status Code

Message	Description
200 OK	Successful collection of the red SDGs in dashboard band view

Input

Sample JSON Input

```

displayFavoriteSdgs false
limit 4
page 1
sdgHealthStatus green
start 0
userPreference
{ "dashboardFilter" : { "alarmFilter" : { "all" : false,
    "critical" : false,

```

```

    "major" : false,
    "minor" : false
  },
  "allFilters" : false,
  "filterApplied" : false,
  "kpiFilter" : [ { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Control CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Data Core CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  }
],
  "cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Statful Sync Status",
    "orange" : false,
    "red" : false
  }
],
  "haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
    "red" : false

```

```
    },
    { "green" : false,
      "kpiAttrName" : "CGNAT Stateful Sync Status",
      "orange" : false,
      "red" : false
    }
  ],
  "sfwFilter" : [ { "green" : false,
                    "kpiAttrName" : "CPU Status",
                    "orange" : false,
                    "red" : false
                  },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ],
  "tlbFilter" : [ { "green" : false,
                    "kpiAttrName" : "CPU Status",
                    "orange" : false,
                    "red" : false
                  },
    { "green" : false,
      "kpiAttrName" : "Real Servers Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ]
}
},
"emptyFilterPreference" : true,
"favoritePreferenceList" : [ { "favorite" : true,
                              "sdgName" : "MonitoringSDG-Trend"
                            } ],
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
}
```

Output

Sample JSON Output

```
{ "representationresponse" : { "success" : true,
                              "totalGreen" : 1,
                              "totalGrey" : 0,
                              "totalOrange" : 0,
                              "totalRed" : 2,
                              "totalRows" : 3
                            }
}
```

Get SDGs in Orange Band View

This request is used to retrieve the SDGs in the band view of the dashboard that are in orange.

URI	/api/sgd/dashboard/sgd-dashboard/getAllTiledSDGByStatus
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.tiledsdg+json;version=1
Consumes	None
Produces	Collects the SDGs in dashboard band view that are in orange

Response Status Code

Message	Description
200 OK	Successful collection of the orange SDGs in dashboard band view

Input

Sample JSON Input

```
displayFavoriteSdgs false
limit 4
page 1
sdgHealthStatus green
start 0
userPreference
{ "dashboardFilter" : { "alarmFilter" : { "all" : false,
    "critical" : false,
    "major" : false,
    "minor" : false
  },
  "allFilters" : false,
  "filterApplied" : false,
  "kpiFilter" : { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Contorl CPU Status",
    "orange" : false,
    "red" : false
  }
]
```

```
    },
    { "green" : false,
      "kpiAttrName" : "Data Core CPU Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ],
  "cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Statful Sync Status",
    "orange" : false,
    "red" : false
  }
  ],
  "haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "CGNAT Stateful Sync Status",
    "orange" : false,
    "red" : false
  }
  ],
  "sfwFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  }
  ],
  "tlbFilter" : [ { "green" : false,
```

```
        "kpiAttrName" : "CPU Status",
        "orange" : false,
        "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Real Servers Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ]
},
"emptyFilterPreference" : true,
"favoritePreferenceList" : [ { "favorite" : true,
  "sdgName" : "MonitoringSDG-Trend"
} ],
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
}
```

Output

Sample JSON Output

```
{ "representationresponse" : { "success" : true,
  "totalGreen" : 1,
  "totalGrey" : 0,
  "totalOrange" : 0,
  "totalRed" : 2,
  "totalRows" : 3
} }
```

Create a Favorite Filter for Dashboard

This request is used to create a filter to display only the SDGs that you are interested in or are involved with managing in the entire network.

URI	/api/sgd/dashboard/sgd-dashboard/saveUserPreferences
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.getuserpreferences+json;version="1"
Consumes	None
Produces	Creates a favorite filter for the dashboard view

Response Status Code

Message	Description
200 OK	Successful creation of a favorite filter for dashboard view

Input

Sample JSON Input

```
{ "userPreference": { "appliedFilterType": "FAVORITE_FILTER",
  "favoritePreferenceList": [ { "favorite": true,
    "sdgName": "MonitoringSDG-Trend"
  } ],
  "groupViewPageSize": 4,
  "tileViewPageSize": 25,
  "userDefaultView": "TILE_VIEW"
} }
```

Output

Sample JSON Output

```
{ "userPreference": { "appliedFilterType": "FAVORITE_FILTER",
  "dashboardFilter": { "alarmFilter": { "all": false,
    "critical": false,
    "major": false,
    "minor": false
  },
  "allFilters": false,
  "filterApplied": false,
  "kpiFilter": { "adcFilter": [ { "green": false,
    "kpiAttrName": "VIP Status",
    "orange": false,
    "red": false
  },
  { "green": false,
    "kpiAttrName": "Real Servers Status",
    "orange": false,
    "red": false
  },
  { "green": false,
    "kpiAttrName": "Contorl CPU Status",
    "orange": false,
    "red": false
  },
  { "green": false,
    "kpiAttrName": "Data Core CPU Status",
    "orange": false,
    "red": false
  },
  { "green": false,
    "kpiAttrName": "Service Pic Status",
    "orange": false,
    "red": false
  }
  ],
  "cgnatFilter": [ { "green": false,
    "kpiAttrName": "CPU Status",
```



```

    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Statful Sync Status",
    "orange" : false,
    "red" : false
  }
],
"haFilter" : [ { "green" : false,
  "kpiAttrName" : "VRRP Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "CGNAT Stateful Sync Status",
  "orange" : false,
  "red" : false
}
],
"sfwFilter" : [ { "green" : false,
  "kpiAttrName" : "CPU Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Service Pic Status",
  "orange" : false,
  "red" : false
}
],
"tlbFilter" : [ { "green" : false,
  "kpiAttrName" : "CPU Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Real Servers Status",
  "orange" : false,
  "red" : false
},
{ "green" : false,
  "kpiAttrName" : "Service Pic Status",
  "orange" : false,
  "red" : false
}
]

```

```

    ]
  }
},
"emptyFilterPreference" : true,
"favoritePreferenceList" : { "favorite" : true,
  "sdgName" : "MonitoringSDG-Trend"
},
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
} }

```

Create a KPI Template and Alarm Filter for Dashboard

This request is used to create a filter to display only the SDGs to display SDGs that match with the criteria specified in the templates.

URI	/api/sgd/dashboard/sgd-dashboard/saveUserPreferences
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.getuserpreferences+json;version="1"
Consumes	None
Produces	Creates a filter to display SDGs that match with the criteria specified in the templates.

Response Status Code

Message	Description
200 OK	Successful creation of a filter to display SDGs that match with the criteria specified in the templates.

Input

Sample JSON Input

```

{ "userPreference" : { "appliedFilterType" : "ALARM_KPI_FILTER",
  "dashboardFilter" : { "alarmFilter" : { "critical" : true,
    "major" : true,
    "minor" : false
  },
  "filterApplied" : true,
  "kpiFilter" : { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : true
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : true
  }
  ]
}
}

```

```

    },
    { "green" : false,
      "kpiAttrName" : "Contorl CPU Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Data Core CPU Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : true
    }
  ],
  "cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
    { "green" : false,
      "kpiAttrName" : "Memory Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Statful Sync Status",
      "orange" : false,
      "red" : false
    }
  ],
  "haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
    "red" : true
  },
    { "green" : false,
      "kpiAttrName" : "CGNAT Stateful Sync Status",
      "orange" : false,
      "red" : true
    }
  ],
  "sfwFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",

```

```

        "orange" : false,
        "red" : false
    }
},
"tlbFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
},
{ "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : false
},
{ "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
}
]
},
"favoritePreferenceList" : [ { "favorite" : true,
    "sdgName" : "MonitoringSDG-Trend"
} ],
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
}
}

```

Output

Sample JSON Output

```
{ "userPreference" : { "appliedFilterType" : "ALARM_KPI_FILTER",
    "dashboardFilter" : { "alarmFilter" : { "all" : false,
        "critical" : true,
        "major" : true,
        "minor" : false,
        "moid" : "net.juniper.jmp.sgd.dashboard.jpa.DashboardAlarmFilterEntity:39520"
    },
    "allFilters" : false,
    "filterApplied" : true,
    "kpiFilter" : { "adcFilter" : [ { "green" : false,
        "kpiAttrName" : "VIP Status",
        "orange" : false,
        "red" : true
    },
    { "green" : false,
        "kpiAttrName" : "Real Servers Status",
        "orange" : false,
        "red" : true
    },
    { "green" : false,
        "kpiAttrName" : "Contorl CPU Status",
        "orange" : false,
        "red" : false
    }
    ]
    }
    }
```

```

    },
    { "green" : false,
      "kpiAttrName" : "Data Core CPU Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : true
    }
  ],
  "cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
    { "green" : false,
      "kpiAttrName" : "Memory Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Statful Sync Status",
      "orange" : false,
      "red" : false
    }
  ],
  "haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
    "red" : true
  },
    { "green" : false,
      "kpiAttrName" : "CGNAT Stateful Sync Status",
      "orange" : false,
      "red" : true
    }
  ],
  "sfwFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ],
  "tlbFilter" : [ { "green" : false,

```

```

        "kpiAttrName" : "CPU Status",
        "orange" : false,
        "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Real Servers Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ]
}
},
"emptyFilterPreference" : false,
"favoritePreferenceList" : { "favorite" : true,
  "sdgName" : "MonitoringSDG-Trend"
},
"groupViewPageSize" : 4,
"tileViewPageSize" : 25,
"userDefaultView" : "TILE_VIEW"
} }

```

Edit and Save User Preferences for Dashboard

This request is used to specify customization for the dashboard view.

URI	/api/sgd/dashboard/sgd-dashboard/saveUserPreferences
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.dashboard.getuserpreferences+json;version="1"
Consumes	None
Produces	Creates user preference settings

Response Status Code

Message	Description
200 OK	Successful creation of user preference settings

Input

Sample JSON Input

```

{ "userPreference" : { "appliedFilterType" : "ALARM_KPI_FILTER",
  "dashboardFilter" : { "alarmFilter" : { "all" : false,
    "critical" : true,
    "major" : true,

```

```
"minor" : false,
"moid" : "net.juniper.jmp.sgd.dashboard.jpa.DashboardAlarmFilterEntity:39520"
},
"allFilters" : false,
"filterApplied" : true,
"kpiFilter" : { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : true
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : true
  },
  { "green" : false,
    "kpiAttrName" : "Contorl CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Data Core CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : true
  }
],
"cgnatFilter" : [ { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Statful Sync Status",
    "orange" : false,
    "red" : false
  }
],
"haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
```

```

        "red" : true
      },
      { "green" : false,
        "kpiAttrName" : "CGNAT Stateful Sync Status",
        "orange" : false,
        "red" : true
      }
    ],
    "sfwFilter" : [ { "green" : false,
                      "kpiAttrName" : "CPU Status",
                      "orange" : false,
                      "red" : false
                    },
                    { "green" : false,
                      "kpiAttrName" : "Service Pic Status",
                      "orange" : false,
                      "red" : false
                    }
    ],
    "tlbFilter" : [ { "green" : false,
                      "kpiAttrName" : "CPU Status",
                      "orange" : false,
                      "red" : false
                    },
                    { "green" : false,
                      "kpiAttrName" : "Real Servers Status",
                      "orange" : false,
                      "red" : false
                    },
                    { "green" : false,
                      "kpiAttrName" : "Service Pic Status",
                      "orange" : false,
                      "red" : false
                    }
    ]
  },
  "favoritePreferenceList" : [ { "favorite" : true,
                                "sdgName" : "MonitoringSDG-Trend"
                              } ],
  "groupViewPageSize" : 8,
  "tileViewPageSize" : 40,
  "userDefaultView" : "BAND_VIEW"
} }

```

Output

Sample JSON Output

```

{ "userPreference" : { "appliedFilterType" : "ALARM_KPI_FILTER",
                      "dashboardFilter" : { "alarmFilter" : { "all" : false,
                                                              "critical" : true,
                                                              "major" : true,
                                                              "minor" : false,
                                                              "moid" : "net.juniper.jmp.sgd.dashboard.jpjpa.DashboardAlarmFilterEntity:39520"
                                                            }
                      },
                      "allFilters" : false,

```



```

"filterApplied" : true,
"kpiFilter" : [ { "adcFilter" : [ { "green" : false,
    "kpiAttrName" : "VIP Status",
    "orange" : false,
    "red" : true
  },
  { "green" : false,
    "kpiAttrName" : "Real Servers Status",
    "orange" : false,
    "red" : true
  },
  { "green" : false,
    "kpiAttrName" : "Control CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Data Core CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : true
  }
],
  { "green" : false,
    "kpiAttrName" : "CPU Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Memory Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Service Pic Status",
    "orange" : false,
    "red" : false
  },
  { "green" : false,
    "kpiAttrName" : "Statful Sync Status",
    "orange" : false,
    "red" : false
  }
],
"haFilter" : [ { "green" : false,
    "kpiAttrName" : "VRRP Status",
    "orange" : false,
    "red" : true
  },
  { "green" : false,
    "kpiAttrName" : "CGNAT Stateful Sync Status",
    "orange" : false,

```

```
        "red" : true
      }
    ],
    "sfwFilter" : [ { "green" : false,
                      "kpiAttrName" : "CPU Status",
                      "orange" : false,
                      "red" : false
                    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ],
  "tlbFilter" : [ { "green" : false,
                    "kpiAttrName" : "CPU Status",
                    "orange" : false,
                    "red" : false
                  },
    { "green" : false,
      "kpiAttrName" : "Real Servers Status",
      "orange" : false,
      "red" : false
    },
    { "green" : false,
      "kpiAttrName" : "Service Pic Status",
      "orange" : false,
      "red" : false
    }
  ]
}
},
"favoritePreferenceList" : [ { "favorite" : true,
                              "sdgName" : "MonitoringSDG-Trend"
                            } ],
"groupViewPageSize" : 8,
"tileViewPageSize" : 40,
"userDefaultView" : "BAND_VIEW"
} }
```

CHAPTER 3

SDG Devices Management RESTful Web Services

- [SDG Devices Management RESTful Web Services on page 57](#)

SDG Devices Management RESTful Web Services

The following operations can be performed using the Edge Services Director SDG Devices Management RESTful Web Services.

Get All Unmanaged Devices

This request is used to collect all the unmanaged service delivery gateway (SDG) devices, which are not managed and monitored from the Edge Services Director application.

URI	/api/sgd/sdgmgmt/host-discovery/getAllUnmanagedHosts
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.host-discovery.getAllUnmanagedHosts+json;version=1;charset=UTF-8
Consumes	None
Produces	Set of unmanaged SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of the list of unmanaged devices.
204 No Content	Invalid device ID.

Output

Sample XML Output

```
<response>  
<success>>false</success>
```

```
<totalRows>0</totalRows>
</response>
```

Mark an SDG Device as Unmanaged

This request is used to change a managed device to be an unmanaged device, which removes the particular SDG from management and provisioning by the Edge Services Director application.

URI	/api/sgd/sdgmgmt/sdgmanagement/unmanageSDG/SDGEntity
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgmanagement.unmanageSDG.SDGEntity+json;version=1;charset=UTF-8
Consumes	None
Produces	Changes a managed device to an unmanaged device

Response Status Code

Message	Description
200 OK	Successful modification of a managed device to be an unmanaged device.

Input

Sample JSON Input " "

Get All Managed Devices

This request is used to collect all the managed service delivery gateway (SDG) devices, which are administered and provisioned from the Edge Services Director application.

URI	/api/sgd/sdgmgmt/sdgmanagement/discovery-sdgmanagement/root
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgmanagement.discovery-sdgmanagement.root+json;version=1;charset=UTF-8
Consumes	None
Produces	Set of managed SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of the list of managed devices.

Output**Sample JSON Output****Mark an SDG Device as Managed**

This request is used to change an unmanaged device to be a managed device, which brings the particular SDG under the management and control of the Edge Services Director application.

URI	/api/sgd/sdgmgmt/sdgmanagement/manageSDG/SDGEntity
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgmanagement.manageSDG.SDGEntity+json;version=1;charset=UTF-8
Consumes	None
Produces	Changes a managed device to an unmanaged device

Response Status Code

Message	Description
200 OK	Successful modification of an unmanaged device to be a managed device.

Input**Sample JSON Input**

```
{
  "sdgId": "$sdgId",
  "sdgName": "$v->{SGD_NAME}",
  "kpiTemplate": "SystemDefault",
  "sdgGrpId": "$sdgGroupId",
  "description": "desc"
}
```

View Service Instances Configuration for an SDG

This request is used to view the configuration settings and attributes related to the different service instances configured on a particular SDG.

URI	/api/sgd/sdgmgmt/view-service/getAllServiceInstances?moid={SDGHostName}
-----	---

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.view-service.etAllServiceInstances ?moid={SDGHostName}+json;version=1;charset=UTF-8
Consumes	None
Produces	Displays the configuration parameters of all services of the specified device

Response Status Code

Message	Description
200 OK	Configuration details are displayed.

Output**Sample XML Output**

Discover Devices RESTful Web Services

- Discover Devices RESTful Web Services on page 61

Discover Devices RESTful Web Services

The following operations can be performed using the Edge Services Director Discover Devices RESTful Web Services.

Create a Discovery Profile

This request is used to create a discovery profile.

URI	/api/sgd/sdgmgmt/discovery-profile/createDiscoveryProfile
HTTP Method	PUT
Content-Type	application/vnd.net.juniper.space.sdgmgmt.discovery-profile.createDiscoveryProfile+json;version=1;charset=UTF-8
Consumes	None
Produces	Creates a discovery profile

Response Status Code

Message	Description
200 OK	Successful creation of the discovery profile

Input

Sample JSON Input

```
{ "SGDDiscoveryProfile" : { "description" : "test",
  "hostNameDiscoveryTarget" : [ ],
  "ipAddressDiscoveryTarget" : [ { "ipAddress" : "10.213.2.219" } ],
  "ipRangeDiscoveryTarget" : [ ],
  "name" : "sample",
  "snmpv2cSetting" : [ { "communityString" : "public" } ],
  "snmpv3cSetting" : [ ],
  "sshCredential" : [ { "password" : "password",
    "userName" : "user"
```

```

    } ],
    "subnetMaskDiscoveryTarget" : [ ]
  } }

```

Modify a Discovery Profile

This request is used to modify a discovery profile.

URI	/api/sgd/sdgmgmt/discovery-profile/modifyDiscoveryProfile
HTTP Method	PUT
Content-Type	application/vnd.net.juniper.space.sdgmgmt.discovery-profile.modifyDiscoveryProfile+json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies an existing discovery profile

Response Status Code

Message	Description
200 OK	Successful update of the discovery profile

Input

Sample JSON Input

```

{ "SGDDiscoveryProfile" : { "MOID" :
"net.juniper.jmp.sgd.discovery.profile.SGDDiscoveryProfileMO:622790",
"description" : "MX480w",
"hostNameDiscoveryTarget" : [ ],
"ipAddressDiscoveryTarget" : [ { "ipAddress" : "10.213.2.220" } ],
"ipRangeDiscoveryTarget" : [ ],
"name" : "MX480w",
"snmpv2cSetting" : [ { "communityString" : "public" } ],
"snmpv3cSetting" : [ ],
"sshCredential" : [ { "password" : "password",
"userName" : "user"
} ],
"subnetMaskDiscoveryTarget" : [ ]
} }

```

Delete a Discovery Profile

This request is used to delete a discovery profile.

URI	/api/sgd/sdgmgmt/discovery-profile/deleteDiscoveryProfile
HTTP Method	PUT
Content-Type	application/vnd.net.juniper.space.sdgmgmt.discovery-profile.deleteDiscoveryProfile+json;version=1;charset=UTF-8

Consumes	None
Produces	Deletes an existing discovery profile

Response Status Code

Message	Description
200 OK	Successful deletion of the discovery profile

Input

Sample JSON Input `net.juniper.jmp.sgd.discovery.profile.SGDDiscoveryProfileMO:560956`

Get All Discovery Profiles

This request is used to retrieve all the discovery profiles.

URI	/api/sgd/sdgmgmt/discovery-profile/getAllDiscoveryProfiles
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.discovery-profile.getAllDiscoveryProfiles+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all discovery profiles

Response Status Code

Message	Description
200 OK	Successful collection of the discovery profiles

Output

Sample JSON Output

Get a Discovery Profile by Profile Name

This request is used to collect a particular discovery profile.

URI	/api/sgd/sdgmgmt/discovery-profile/{profileId}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.discovery-profile.profileId+json;version=1;charset=UTF-8

Consumes	None
Produces	Obtain a discovery profile based on profile ID.

Response Status Code

Message	Description
200 OK	Successful retrieval of a specific discovery profile

Output**Sample JSON Output****Discover a Device**

This request is used to initiate or run a discovery profile to discover the devices specified in it.

URI	/api/sgd/sdgmgmt/host-discovery/initiateDiscovery
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt.host-discovery.initiateDiscovery+json;version=1;charset=UTF-8
Consumes	None
Produces	Discover an SDG

Response Status Code

Message	Description
200 OK	Successful discovery of an SDG device

Input

Sample JSON Input net.juniper.jmp.sgd.discovery.profile.jp.a.SGDDiscoveryProfileEntity:600076

View the Discovery Audit Log

This request is used to view the discovery audit log of all unmanaged devices.

URI	/api/sgd/sdgmgmt/discovery-auditlog/getAllSDGHostDiscoveryAuditLog ?hostName={hostName}
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.sdgmgmt.discovery-auditlog.getAllSDGHostDiscoveryAuditLog?hostName={hostName}+json;version=1;charset=UTF-8
Consumes	None
Produces	Displays the discovery audit log

Response Status Code

Message	Description
200 OK	Successful display of the audit log of discovered devices

Output**Sample JSON Output****Cancel a Discovery Job**

This request is used to cancel a previously scheduled or an in-progress discovery job.

URI	/api/sgd/sdgmgmt/host-discovery/cancelDiscovery?discoveryProgressId=<ID>
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.host-discovery cancelDiscovery?discoveryProgressId=<ID>+json;version=1;charset=UTF-8
Consumes	None
Produces	Cancels a discovery job that is in progress

Response Status Code

Message	Description
200 OK	Successful cancellation of a discovery job

Output**Sample JSON Output****Resynchronizing the Configuration of all SDG Devices**

This request is used to resynchronize the configuration of all SDGs.

URI	/api/sgd/sdgmgmt/host-discovery/resyncSDGHosts
-----	--

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt. host-discovery.resyncSDGHosts +json;version=1;charset=UTF-8
Consumes	None
Produces	Resynchronizes the configuration of all SDGs.

Response Status Code

Message	Description
200 OK	Successful resynchronization of the configuration of all SDGs.

Output**Sample JSON Output****Resynchronizing the Configuration of Specific SDG Devices**

This request is used to resynchronize the configuration of SDGs based on their device IDs.

URI	/api/sgd/sdgmgmt/host-discovery/ resyncSDG?sdgId=<ID>
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt. host-discovery.resyncSDG?sdgId=<ID> +json;version=1;charset=UTF-8
Consumes	None
Produces	Resynchronizes the configuration of specified SDGs.

Response Status Code

Message	Description
200 OK	Successful resynchronization of the configuration of the specified SDGs.

Input

Sample JSON Input [ID1, ID2, ID3,...]

Scheduling the Discovery of SDG Devices

This request is used to schedule the discovery of SDG devices.

URI	/api/sgd/sdgmgmt/host-discovery/scheduleDiscovery?moid=<ID>&schedule=<EPOCH Time>
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt. host-discovery.scheduleDiscovery? moid=<ID>&schedule=<EPOCH Time> +json;version=1;charset=UTF-8
Consumes	None
Produces	Schedules the discovery of specified SDGs.

Response Status Code

Message	Description
200 OK	Successful discovery of specified SDGs.

Output

Sample JSON Output

Searching for Discovered SDG Devices

This request is used to search for discovered of SDG devices.

URI	/api/sgd/sdgmgmt/host-discovery/searchDiscoveredHosts? searchField=<SEARCH_FIELD>&searchValue=<VALUE>
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt. host-discovery.searchDiscoveredHosts? searchField=<SEARCH_FIELD>&searchValue=<VALUE> +json;version=1;charset=UTF-8
Consumes	None
Produces	Lists the discovered SDGs that match the criteria.

Response Status Code

Message	Description
200 OK	List of discovered SDGs that match the criteria.

Output

Sample JSON Output

CHAPTER 5

KPI Templates RESTful Web Services

- KPI Templates RESTful Web Services on page 69

KPI Templates RESTful Web Services

The following operations can be performed using the Edge Services Director KPI Templates Management RESTful Web Services.

Create or Clone a KPI Template

This request is used to clone a template definition to quickly create a new template definition with a new name but same properties. To modify a template definition without disabling templates based upon that definition, first clone the definition, then modify the clone.

URI	/api/sgd/sdgmgmt/kpiTemplate/cloneKPI
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt.kpiTemplate.cloneKPI+json;version=1;charset=UTF-8
Consumes	None
Produces	Creates a KPI template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input

```
{ "KPITemplateTO" : { "ADCKpi" : { "connTableCount" : { "enabled" : false,
    "greenRange" : { "maxVal" : 60,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 80,
```

```
    "minVal" : 61
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 81
  }
},
"cpuControlStatus" : { "enabled" : false,
  "greenRange" : { "maxVal" : 40,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 80,
    "minVal" : 41
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 81
  }
},
"cpuDataStatus" : { "enabled" : false,
  "greenRange" : { "maxVal" : 69,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 95,
    "minVal" : 70
  },
  "redRange" : { "maxVal" : 0,
    "minVal" : 96
  }
},
"cpuDatacoreStatus" : { "enabled" : false,
  "greenRange" : { "maxVal" : 21,
    "minVal" : 10
  },
  "orangeRange" : { "maxVal" : 9,
    "minVal" : 6
  },
  "redRange" : { "maxVal" : 5,
    "minVal" : 1
  }
},
"dpAllocationFailure" : { "count" : 1,
  "enabled" : false
},
"egressInterfaceStatus" : { "enabled" : false,
  "serviceAvailable" : false
},
"enabled" : false,
"npuAllocationFailure" : { "count" : 1,
  "enabled" : false
},
"realServersStatus" : { "enabled" : false,
  "greenRange" : { "maxVal" : 100,
    "minVal" : 61
  },
  "orangeRange" : { "maxVal" : 60,
    "minVal" : 31
  },
},
```



```

        "redRange" : { "maxVal" : 30,
                      "minVal" : 0
                    },
      },
      "servicePicStatus" : { "enabled" : false,
                            "serviceAvailable" : false
                        },
      "vipStatus" : { "count" : 1,
                     "enabled" : false
                   }
    },
    "CGNATKpi" : { "cpuStatus" : { "enabled" : false,
                                   "greenRange" : { "maxVal" : 59,
                                                    "minVal" : 0
                                                  },
                                   },
                  "orangeRange" : { "maxVal" : 80,
                                   "minVal" : 60
                                 },
                  "redRange" : { "maxVal" : 100,
                                "minVal" : 81
                              }
                },
    "enabled" : true,
    "memoryStatus" : { "enabled" : false,
                      "greenRange" : { "maxVal" : 100,
                                       "minVal" : 61
                                     },
                      "orangeRange" : { "maxVal" : 60,
                                       "minVal" : 31
                                     },
                      "redRange" : { "maxVal" : 30,
                                    "minVal" : 0
                                  }
                    },
    "natPoolPortUtilizationStatus" : { "enabled" : false,
                                       "greenRange" : { "maxVal" : 84,
                                                        "minVal" : 0
                                                      },
                                       "orangeRange" : { "maxVal" : 95,
                                                        "minVal" : 85
                                                      },
                                       "redRange" : { "maxVal" : 100,
                                                     "minVal" : 96
                                                   }
                                     },
    "packetDropStatus" : { "count" : 1,
                          "enabled" : false
                        },
    "servicePicStatus" : { "enabled" : false,
                          "serviceAvailable" : false
                        },
    "statefulSyncCPUUtilization" : { "enabled" : true,
                                     "greenRange" : { "maxVal" : 19,
                                                      "minVal" : 0
                                                    },
                                     "orangeRange" : { "maxVal" : 29,

```

```
        "minVal" : 20
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 30
      }
    }
  },
  "ChassisKpi" : { "chassisLevelKpi" : { "cpuUtilization" : { "enabled" : false,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  },
  "enabled" : false,
  "fanStatus" : { "enabled" : false,
    "serviceAvailable" : false
  },
  "fruStatus" : { "enabled" : false,
    "serviceAvailable" : false
  },
  "memoryUtilization" : { "enabled" : false,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 90
    }
  },
  "powerSupply" : { "enabled" : false,
    "serviceAvailable" : false
  },
  "temperature" : { "enabled" : false,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  }
},
"enabled" : false,
"fpckpi" : { "buffer" : { "enabled" : false,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 95
  }
},
"enabled" : false,
```

```

    "orangeRange" : { "maxVal" : 89,
                      "minVal" : 80
                    },
    "redRange" : { "maxVal" : 100,
                  "minVal" : 90
                }
  },
  "cpuUtilization" : { "enabled" : false,
                      "greenRange" : { "maxVal" : 79,
                                       "minVal" : 0
                                     },
                      "orangeRange" : { "maxVal" : 94,
                                       "minVal" : 80
                                     },
                      "redRange" : { "maxVal" : 100,
                                       "minVal" : 95
                                     }
  },
  "enabled" : false,
  "memoryUtilization" : { "enabled" : false,
                          "greenRange" : { "maxVal" : 79,
                                           "minVal" : 0
                                         },
                          "orangeRange" : { "maxVal" : 89,
                                           "minVal" : 80
                                         },
                          "redRange" : { "maxVal" : 100,
                                           "minVal" : 90
                                         }
  },
  "temperature" : { "enabled" : false,
                   "greenRange" : { "maxVal" : 79,
                                    "minVal" : 0
                                  },
                   "orangeRange" : { "maxVal" : 94,
                                    "minVal" : 80
                                  },
                   "redRange" : { "maxVal" : 100,
                                   "minVal" : 95
                                 }
  },
  "reKpi" : { "buffer" : { "enabled" : false,
                          "greenRange" : { "maxVal" : 79,
                                           "minVal" : 0
                                         },
                          "orangeRange" : { "maxVal" : 89,
                                           "minVal" : 80
                                         },
                          "redRange" : { "maxVal" : 100,
                                           "minVal" : 90
                                         }
            },
  "cpuUtilization" : { "enabled" : false,
                      "greenRange" : { "maxVal" : 79,
                                       "minVal" : 0
                                     }
  }
}

```

```
    },
    "orangeRange" : { "maxVal" : 94,
                      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
                  "minVal" : 95
    }
  },
  "enabled" : false,
  "memoryUtilization" : { "enabled" : false,
                          "greenRange" : { "maxVal" : 79,
                                           "minVal" : 0
                                         },
                          "orangeRange" : { "maxVal" : 89,
                                           "minVal" : 80
                                         },
                          "redRange" : { "maxVal" : 100,
                                         "minVal" : 90
                                       }
    },
  "temperature" : { "enabled" : false,
                   "greenRange" : { "maxVal" : 79,
                                    "minVal" : 0
                                  },
                   "orangeRange" : { "maxVal" : 94,
                                    "minVal" : 80
                                  },
                   "redRange" : { "maxVal" : 100,
                                 "minVal" : 95
                               }
    },
  },
  "servicePicKpi" : { "buffer" : { "enabled" : false,
                                   "greenRange" : { "maxVal" : 79,
                                                    "minVal" : 0
                                                  },
                                   "orangeRange" : { "maxVal" : 89,
                                                    "minVal" : 80
                                                  },
                                   "redRange" : { "maxVal" : 100,
                                                  "minVal" : 90
                                                }
                                 }
    },
  "cpuUtilization" : { "enabled" : false,
                      "greenRange" : { "maxVal" : 79,
                                       "minVal" : 0
                                     },
                      "orangeRange" : { "maxVal" : 94,
                                       "minVal" : 80
                                     },
                      "redRange" : { "maxVal" : 100,
                                    "minVal" : 95
                                  }
    },
  },
  "enabled" : false,
  "memoryUtilization" : { "enabled" : false,
```

```

    "greenRange" : { "maxVal" : 79,
                     "minVal" : 0
                   },
    "orangeRange" : { "maxVal" : 89,
                      "minVal" : 80
                    },
    "redRange" : { "maxVal" : 100,
                   "minVal" : 90
                 }
  },
  "packetDropStatus" : { "count" : 1,
                         "enabled" : false
    },
  "temperature" : { "enabled" : false,
                    "greenRange" : { "maxVal" : 79,
                                      "minVal" : 0
                                    },
                    "orangeRange" : { "maxVal" : 94,
                                      "minVal" : 80
                                    },
                    "redRange" : { "maxVal" : 100,
                                   "minVal" : 95
                                 }
  }
},
"HAKpi" : { "adcVipRouteStatus" : { "enabled" : false,
                                    "serviceAvailable" : false
                                  },
            "bgpAdvertising" : { "count" : 1,
                                  "enabled" : false
                                },
            "cgnatRouteStatus" : { "enabled" : false,
                                   "serviceAvailable" : false
                                 },
            "cgnatSfwHaStatus" : { "enabled" : false,
                                   "serviceAvailable" : false
                                 },
            "enabled" : false,
            "sdgStatus" : { "enabled" : false,
                           "serviceAvailable" : false
                         },
            "tlbRoutingInstanceRouteStatus" : { "enabled" : false,
                                                  "serviceAvailable" : false
                                                },
            "vrrpStatus" : { "count" : 1,
                             "enabled" : false
                           }
  },
"SFWKpi" : { "cpuStatus" : { "enabled" : false,
                             "greenRange" : { "maxVal" : 59,
                                               "minVal" : 0
                                             },
                             "orangeRange" : { "maxVal" : 79,
                                               "minVal" : 60
                                             }
          },

```

```
    "redRange": { "maxVal": 100,
                  "minVal": 80
                },
  },
  "enabled": false,
  "memoryStatus": { "enabled": false,
                    "greenRange": { "maxVal": 100,
                                     "minVal": 61
                                   },
                    "orangeRange": { "maxVal": 60,
                                     "minVal": 31
                                   },
                    "redRange": { "maxVal": 30,
                                  "minVal": 0
                                }
                  },
  "packetDropStatus": { "count": 1,
                        "enabled": false
                      },
  "servicePicStatus": { "enabled": false,
                        "serviceAvailable": false
                      }
},
"TLBKpi": { "cpuStatus": { "enabled": false,
                           "greenRange": { "maxVal": 59,
                                             "minVal": 0
                                           },
                           "orangeRange": { "maxVal": 90,
                                             "minVal": 60
                                           },
                           "redRange": { "maxVal": 100,
                                           "minVal": 91
                                         }
                         },
  "egressInterfaceStatus": { "enabled": false,
                              "serviceAvailable": false
                            },
  "enabled": false,
  "realServersStatus": { "enabled": false,
                         "greenRange": { "maxVal": 4,
                                           "minVal": 0
                                         },
                         "orangeRange": { "maxVal": 30,
                                           "minVal": 5
                                         },
                         "redRange": { "maxVal": 100,
                                        "minVal": 31
                                      }
                       },
  "routingInstanceHopIndex": { "enabled": false,
                                "serviceAvailable": false
                              },
  "servicePicStatus": { "enabled": false,
                        "serviceAvailable": false
                      }
},
```

```
"description" : "CGNAT_statefulSyncCPUUtilization",
"name" : "CGNAT_statefulSyncCPUUtilization"
} }
```

Get All KPI Templates

This request is used to collect all the defined KPI templates.

URI	/api/sgd/sdgmgmt/kpiTemplate/kpitemplatesByVersion?osVersion=12.1
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.kpiTemplate.kpitemplatesByVersion?osVersion=12.1+json;version=1;charset=UTF-8
Consumes	None
Produces	Obtains the defined KPI templates

Response Status Code

Message	Description
200 OK	Successfully retrieved the KPI templates

Output

Sample JSON Output

```
{ "response": { "data": [ { "ADCKpi": { "connTableCount": { "enabled": true,
    "greenRange": { "maxVal": 600,
      "minVal": 0
    },
    "orangeRange": { "maxVal": 800,
      "minVal": 601
    },
    "redRange": { "maxVal": 1000,
      "minVal": 801
    }
  },
  "cpuControlStatus": { "enabled": true,
    "greenRange": { "maxVal": 40,
      "minVal": 0
    },
    "orangeRange": { "maxVal": 80,
      "minVal": 41
    },
    "redRange": { "maxVal": 100,
      "minVal": 81
    }
  },
  "cpuDatacoreStatus": { "enabled": true,
    "greenRange": { "maxVal": 0,
```

```
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 5,
    "minVal" : 1
  },
  "redRange" : { "maxVal" : 21,
    "minVal" : 6
  }
},
"enabled" : true,
"realServersStatus" : { "enabled" : true,
  "greenRange" : { "maxVal" : 100,
    "minVal" : 61
  },
  "orangeRange" : { "maxVal" : 60,
    "minVal" : 31
  },
  "redRange" : { "maxVal" : 30,
    "minVal" : 0
  }
},
"servicePicStatus" : { "enabled" : true,
  "serviceAvailable" : false
},
"vipStatus" : { "count" : 0,
  "enabled" : true
}
},
"CGNATKpi" : { "cpuStatus" : { "enabled" : true,
  "greenRange" : { "maxVal" : 59,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 80,
    "minVal" : 60
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 81
  }
},
"enabled" : true,
"memoryStatus" : { "enabled" : true,
  "serviceAvailable" : false
},
"natPoolPortUtilizationStatus" : { "enabled" : true,
  "greenRange" : { "maxVal" : 84,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 95,
    "minVal" : 85
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 96
  }
},
"packetDropStatus" : { "count" : 0,
  "enabled" : true
```



```

    },
    "servicePicStatus": { "enabled": true,
        "serviceAvailable": true
    }
},
"ChassisKpi": { "chassisLevelKpi": { "cpuUtilization": { "enabled": true,
    "greenRange": { "maxVal": 79,
        "minVal": 0
    },
    "orangeRange": { "maxVal": 94,
        "minVal": 80
    },
    "redRange": { "maxVal": 100,
        "minVal": 95
    }
},
    "enabled": true,
    "fanStatus": { "enabled": true,
        "serviceAvailable": true
    },
    "fruStatus": { "enabled": true,
        "serviceAvailable": true
    },
    "memoryUtilization": { "enabled": true,
        "greenRange": { "maxVal": 79,
            "minVal": 0
        },
        "orangeRange": { "maxVal": 89,
            "minVal": 80
        },
        "redRange": { "maxVal": 100,
            "minVal": 90
        }
    },
    "powerSupply": { "enabled": true,
        "serviceAvailable": true
    },
    "temperature": { "enabled": true,
        "greenRange": { "maxVal": 79,
            "minVal": 0
        },
        "orangeRange": { "maxVal": 94,
            "minVal": 80
        },
        "redRange": { "maxVal": 100,
            "minVal": 95
        }
    }
},
    "enabled": true,
    "fpckpi": { "buffer": { "enabled": true,
        "greenRange": { "maxVal": 79,
            "minVal": 0
        },
        "orangeRange": { "maxVal": 89,
            "minVal": 80
        }
    }
}

```

```

    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 90
    }
},
"cpuUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
        "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 95
    }
},
"enabled" : true,
"memoryUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
        "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 90
    }
},
"sdgCardState" : { "enabled" : true,
    "serviceAvailable" : true
},
"temperature" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
        "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 95
    }
},
"reKpi" : { "buffer" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
        "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 90
    }
},
"cpuUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,

```

```

        "minVal" : 0
      },
      "orangeRange" : { "maxVal" : 94,
        "minVal" : 80
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 95
      }
    },
    "enabled" : true,
    "memoryUtilization" : { "enabled" : true,
      "greenRange" : { "maxVal" : 79,
        "minVal" : 0
      },
      "orangeRange" : { "maxVal" : 89,
        "minVal" : 80
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 90
      }
    },
    "sdgCardState" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "temperature" : { "enabled" : true,
      "greenRange" : { "maxVal" : 79,
        "minVal" : 0
      },
      "orangeRange" : { "maxVal" : 94,
        "minVal" : 80
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 95
      }
    }
  },
  "HAKpi" : { "adcVipRouteStatus" : { "enabled" : true,
    "serviceAvailable" : true
  },
    "cgnatRouteStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "cgnatSfwHaStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "enabled" : true,
    "iclLinkStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "sdgStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "vrrpStatus" : { "count" : 0,
      "enabled" : true
    }
  }
}

```

```
    },
    "MOID" : "net.juniper.jmp.sgd.sdgmgmt.kpiprofile.jpa.KPITemplateEntity:32769",

    "SFWKpi" : { "cpuStatus" : { "enabled" : true,
        "greenRange" : { "maxVal" : 59,
            "minVal" : 0
        },
        "orangeRange" : { "maxVal" : 79,
            "minVal" : 60
        },
        "redRange" : { "maxVal" : 100,
            "minVal" : 80
        }
    },
    "enabled" : true,
    "memoryStatus" : { "enabled" : true,
        "serviceAvailable" : false
    },
    "packetDropStatus" : { "count" : 0,
        "enabled" : true
    },
    "servicePicStatus" : { "enabled" : true,
        "serviceAvailable" : true
    }
    },
    "TLBKpi" : { "enabled" : true,
        "realServersStatus" : { "enabled" : true,
            "greenRange" : { "maxVal" : 100,
                "minVal" : 31
            },
            "orangeRange" : { "maxVal" : 30,
                "minVal" : 5
            },
            "redRange" : { "maxVal" : 4,
                "minVal" : 0
            }
        },
        "routingInstanceHopIndex" : { "enabled" : true,
            "serviceAvailable" : true
        },
        "servicePicStatus" : { "enabled" : true,
            "serviceAvailable" : true
        }
    },
    "createdTime" : "2014-11-17T14:12:11+05:30",
    "description" : "System Default Template",
    "isSystemCreated" : true,
    "modifiedTime" : "2014-11-17T14:12:11+05:30",
    "name" : "SystemDefault"
    },
    { "ADCKpi" : { "connTableCount" : { "enabled" : true,
        "greenRange" : { "maxVal" : 600,
            "minVal" : 0
        },
        "orangeRange" : { "maxVal" : 800,
            "minVal" : 601
```

```

    },
    "redRange" : { "maxVal" : 1000,
        "minVal" : 801
    }
},
"cpuControlStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 40,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 80,
        "minVal" : 41
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 81
    }
},
"cpuDatacoreStatus" : { "enabled" : false,
    "greenRange" : { "maxVal" : 0,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 5,
        "minVal" : 1
    },
    "redRange" : { "maxVal" : 21,
        "minVal" : 6
    }
},
"enabled" : true,
"realServersStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 100,
        "minVal" : 61
    },
    "orangeRange" : { "maxVal" : 60,
        "minVal" : 31
    },
    "redRange" : { "maxVal" : 30,
        "minVal" : 0
    }
},
"servicePicStatus" : { "enabled" : true,
    "serviceAvailable" : false
},
"vipStatus" : { "count" : 0,
    "enabled" : true
}
},
"CGNATKpi" : { "cpuStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 59,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 80,
        "minVal" : 60
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 81
    }
}

```

```
    },
    "enabled" : true,
    "memoryStatus" : { "enabled" : true,
        "serviceAvailable" : false
    },
    "natPoolPortUtilizationStatus" : { "enabled" : true,
        "greenRange" : { "maxVal" : 84,
            "minVal" : 0
        },
        "orangeRange" : { "maxVal" : 95,
            "minVal" : 85
        },
        "redRange" : { "maxVal" : 100,
            "minVal" : 96
        }
    },
    "packetDropStatus" : { "count" : 0,
        "enabled" : true
    },
    "servicePicStatus" : { "enabled" : true,
        "serviceAvailable" : true
    }
},
"ChassisKpi" : { "chassisLevelKpi" : { "cpuUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
        "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 95
    }
},
    "enabled" : true,
    "fanStatus" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "fruStatus" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "memoryUtilization" : { "enabled" : true,
        "greenRange" : { "maxVal" : 79,
            "minVal" : 0
        },
        "orangeRange" : { "maxVal" : 89,
            "minVal" : 80
        },
        "redRange" : { "maxVal" : 100,
            "minVal" : 90
        }
    },
    "powerSupply" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "temperature" : { "enabled" : true,
```

```

    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  },
  "enabled" : true,
  "fpckpi" : { "buffer" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 90
    }
  },
  "cpuUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  },
  "enabled" : true,
  "memoryUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 90
    }
  },
  "sdgCardState" : { "enabled" : true,
    "serviceAvailable" : true
  },
  "temperature" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
  },

```

```
        "redRange": { "maxVal": 100,
                      "minVal": 95
                    }
      },
      "reKpi": { "buffer": { "enabled": true,
                            "greenRange": { "maxVal": 79,
                                            "minVal": 0
                                          },
                            "orangeRange": { "maxVal": 89,
                                            "minVal": 80
                                          },
                            "redRange": { "maxVal": 100,
                                            "minVal": 90
                                          }
                          }
    },
    "cpuUtilization": { "enabled": true,
                        "greenRange": { "maxVal": 79,
                                        "minVal": 0
                                      },
                        "orangeRange": { "maxVal": 94,
                                        "minVal": 80
                                      },
                        "redRange": { "maxVal": 100,
                                        "minVal": 95
                                      }
    },
    "enabled": true,
    "memoryUtilization": { "enabled": true,
                           "greenRange": { "maxVal": 79,
                                           "minVal": 0
                                         },
                           "orangeRange": { "maxVal": 89,
                                           "minVal": 80
                                         },
                           "redRange": { "maxVal": 100,
                                           "minVal": 90
                                         }
    },
    "sdgCardState": { "enabled": true,
                      "serviceAvailable": true
    },
    "temperature": { "enabled": true,
                     "greenRange": { "maxVal": 79,
                                     "minVal": 0
                                   },
                     "orangeRange": { "maxVal": 94,
                                     "minVal": 80
                                   },
                     "redRange": { "maxVal": 100,
                                     "minVal": 95
                                   }
    },
    "HAKpi": { "adcVipRouteStatus": { "enabled": true,
```



```

        "serviceAvailable" : true
    },
    "cgnatRouteStatus" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "cgnatSfwHaStatus" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "enabled" : true,
    "icllinkStatus" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "sdgStatus" : { "enabled" : true,
        "serviceAvailable" : true
    },
    "vrrpStatus" : { "count" : 0,
        "enabled" : true
    }
},
"MOID" : "net.juniper.jmp.sgd.sdgmgmt.kpiprofile.jpa.KPITemplateEntity:37479",
"SFWKpi" : { "cpuStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 59,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 79,
        "minVal" : 60
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 80
    }
},
    "enabled" : true,
    "memoryStatus" : { "enabled" : true,
        "serviceAvailable" : false
    },
    "packetDropStatus" : { "count" : 0,
        "enabled" : true
    },
    "servicePicStatus" : { "enabled" : true,
        "serviceAvailable" : true
    }
},
"TLBKpi" : { "enabled" : true,
    "realServersStatus" : { "enabled" : true,
        "greenRange" : { "maxVal" : 100,
            "minVal" : 31
        },
        "orangeRange" : { "maxVal" : 30,
            "minVal" : 5
        },
        "redRange" : { "maxVal" : 4,
            "minVal" : 0
        }
    },
    "routingInstanceHopIndex" : { "enabled" : true,
        "serviceAvailable" : true
    }
}

```

```

    },
    "servicePicStatus": { "enabled" : true,
        "serviceAvailable" : true
    }
},
"createdBy" : "super",
"createdTime" : "2014-11-19T09:39:10+05:30",
"description" : "TestKpi",
"isSystemCreated" : false,
"modifiedBy" : "super",
"modifiedTime" : "2014-11-19T09:39:10+05:30",
"name" : "TestKpi"
}
],
"schemaName" : "KPITemplateTO",
"success" : true,
"totalRows" : 2
} }

```

Get SDGs Associated With a KPI Template

This request is used to collect all the SDG devices that are mapped with a KPI template.

URI	/api/sgd/sdgmgmt/kpiTemplate/associatedSDGs
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.kpiTemplate.associatedSDGs+json;version=1;charset=UTF-8
Consumes	None
Produces	Obtains the SDGs associated with KPI templates

Response Status Code

Message	Description
200 OK	Successfully retrieved the SDGs associated with KPI templates

Input

Sample JSON Input <Kpi template Name >

Output

Sample JSON Output true if any associated and false if no SDG is associated

Get All KPI Template Statistics

This request is used to collect all the defined KPI template statistical details, regardless of whether they are applied or associated with an SDG device.

URI	/api/sgd/sdgmgmt/kpiTemplate/kpitemplatestatistics
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.kpiTemplate.kpitemplatestatistics+json;version=1;charset=UTF-8
Consumes	None
Produces	Obtains the defined KPI template statistics

Response Status Code

Message	Description
200 OK	Successfully retrieved the KPI template statistics

Output

Sample JSON Output

```
[ { "SGDStatisticTO" : { "data" : 2,
                        "name" : "ADC"
                      } },
  { "SGDStatisticTO" : { "data" : 2,
                        "name" : "TLB"
                      } },
  { "SGDStatisticTO" : { "data" : 2,
                        "name" : "CGNAT"
                      } },
  { "SGDStatisticTO" : { "data" : 2,
                        "name" : "SFW"
                      } },
  { "SGDStatisticTO" : { "data" : 2,
                        "name" : "CHASSIS"
                      } },
  { "SGDStatisticTO" : { "data" : 2,
                        "name" : "HA"
                      } }
]
```

Get KPI Template Statistics Associated with Devices Only

This request is used to collect the statistical details of only KPI templates associated with an SDG device.

URI	/api/sgd/sdgmgmt/kpiTemplate/associatedkpitemplatestatistics
-----	--

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.kpiTemplate.associatedkpitemplatestatistics+json;version=1;charset=UTF-8
Consumes	None
Produces	Obtains the defined KPI template statistics associated with SDGs.

Response Status Code

Message	Description
200 OK	Successfully retrieved the KPI template statistics associated with SDGs.

Output

Sample JSON Output

```
[ { "SGDStatisticTO" : { "data" : 1,
    "name" : "Used"
  } },
  { "SGDStatisticTO" : { "data" : 1,
    "name" : "UnUsed"
  } }
]
```

Modify a KPI Template

This request is used to edit a previously created KPI template.

URI	/api/sgd/sdgmgmt/kpiTemplate/editKPI
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.kpitemplate.editKPI+json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies an existing KPI template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input

```

{ "KPITemplateTO" : { "ADCKpi" : { "connTableCount" : { "enabled" : false,
  "greenRange" : { "maxVal" : 60,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 80,
    "minVal" : 61
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 81
  }
},
"cpuControlStatus" : { "enabled" : true,
  "greenRange" : { "maxVal" : 40,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 80,
    "minVal" : 41
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 81
  }
},
"cpuDataStatus" : { "enabled" : true,
  "greenRange" : { "maxVal" : 69,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 95,
    "minVal" : 70
  },
  "redRange" : { "maxVal" : 0,
    "minVal" : 96
  }
},
"cpuDatacoreStatus" : { "enabled" : true,
  "greenRange" : { "maxVal" : 21,
    "minVal" : 10
  },
  "orangeRange" : { "maxVal" : 9,
    "minVal" : 6
  },
  "redRange" : { "maxVal" : 5,
    "minVal" : 1
  }
},
"dpAllocationFailure" : { "count" : 1,
  "enabled" : true
},
"egressInterfaceStatus" : { "enabled" : true,
  "serviceAvailable" : true
},
"enabled" : true,
"npvAllocationFailure" : { "count" : 1,
  "enabled" : true
},
"realServersStatus" : { "enabled" : false,
  "greenRange" : { "maxVal" : 100,

```

```
        "minVal" : 61
      },
      "orangeRange" : { "maxVal" : 60,
        "minVal" : 31
      },
      "redRange" : { "maxVal" : 30,
        "minVal" : 0
      }
    },
    "servicePicStatus" : { "enabled" : true,
      "serviceAvailable" : false
    },
    "vipStatus" : { "count" : 1,
      "enabled" : true
    }
  },
  "CGNATKpi" : { "cpuStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 59,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 80,
      "minVal" : 60
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 81
    }
  },
    "enabled" : true,
    "memoryStatus" : { "enabled" : true,
      "greenRange" : { "maxVal" : 100,
        "minVal" : 61
      },
      "orangeRange" : { "maxVal" : 60,
        "minVal" : 31
      },
      "redRange" : { "maxVal" : 30,
        "minVal" : 0
      }
    },
    "natPoolPortUtilizationStatus" : { "enabled" : true,
      "greenRange" : { "maxVal" : 84,
        "minVal" : 0
      },
      "orangeRange" : { "maxVal" : 95,
        "minVal" : 85
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 96
      }
    },
    "packetDropStatus" : { "count" : 1,
      "enabled" : true
    },
    "servicePicStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
  },
```

```

"statefulSyncCPUUtilization" : { "enabled" : true,
  "greenRange" : { "maxVal" : 19,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 29,
    "minVal" : 20
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 30
  }
},
"ChassisKpi" : { "chassisLevelKpi" : { "cpuUtilization" : { "enabled" : true,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 94,
    "minVal" : 80
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 95
  }
},
  "enabled" : true,
  "fanStatus" : { "enabled" : true,
    "serviceAvailable" : true
  },
  "fruStatus" : { "enabled" : true,
    "serviceAvailable" : true
  },
  "memoryUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 90
    }
  },
  "powerSupply" : { "enabled" : true,
    "serviceAvailable" : true
  },
  "temperature" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  }
}
},

```

```
"enabled" : true,
"fpcKpi" : { "buffer" : { "enabled" : true,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 89,
    "minVal" : 80
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 90
  }
},
"cpuUtilization" : { "enabled" : true,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 94,
    "minVal" : 80
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 95
  }
},
"enabled" : true,
"memoryUtilization" : { "enabled" : true,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 89,
    "minVal" : 80
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 90
  }
},
"temperature" : { "enabled" : true,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 94,
    "minVal" : 80
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 95
  }
},
"reKpi" : { "buffer" : { "enabled" : true,
  "greenRange" : { "maxVal" : 79,
    "minVal" : 0
  },
  "orangeRange" : { "maxVal" : 89,
    "minVal" : 80
  },
  "redRange" : { "maxVal" : 100,
    "minVal" : 90
```



```

    }
  },
  "cpuUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  },
  "enabled" : true,
  "memoryUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 90
    }
  },
  "temperature" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 95
    }
  },
  "servicePicKpi" : { "buffer" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 89,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,
      "minVal" : 90
    }
  },
  "cpuUtilization" : { "enabled" : true,
    "greenRange" : { "maxVal" : 79,
      "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 94,
      "minVal" : 80
    },
    "redRange" : { "maxVal" : 100,

```

```
        "minVal" : 95
      }
    },
    "enabled" : true,
    "memoryUtilization" : { "enabled" : true,
      "greenRange" : { "maxVal" : 79,
        "minVal" : 0
      },
      "orangeRange" : { "maxVal" : 89,
        "minVal" : 80
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 90
      }
    },
    "packetDropStatus" : { "count" : 1,
      "enabled" : true
    },
    "temperature" : { "enabled" : true,
      "greenRange" : { "maxVal" : 79,
        "minVal" : 0
      },
      "orangeRange" : { "maxVal" : 94,
        "minVal" : 80
      },
      "redRange" : { "maxVal" : 100,
        "minVal" : 95
      }
    }
  },
  "HAKpi" : { "adcVipRouteStatus" : { "enabled" : true,
    "serviceAvailable" : true
  },
    "bgpAdvertising" : { "count" : 1,
      "enabled" : true
    },
    "cgnatRouteStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "cgnatSfwHaStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "enabled" : true,
    "sdgStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "tlbRoutingInstanceRouteStatus" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "vrrpStatus" : { "count" : 1,
      "enabled" : true
    }
  },
  "MOID" : "net.juniper.jmp.sgd.shared.sdgmgmt.kpiprofile.KPITemplateMO:463358",
```

```

"SFWKpi" : { "cpuStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 59,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 79,
        "minVal" : 60
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 80
    }
},
"enabled" : true,
"memoryStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 100,
        "minVal" : 61
    },
    "orangeRange" : { "maxVal" : 60,
        "minVal" : 31
    },
    "redRange" : { "maxVal" : 30,
        "minVal" : 0
    }
},
"packetDropStatus" : { "count" : 1,
    "enabled" : true
},
"servicePicStatus" : { "enabled" : true,
    "serviceAvailable" : true
}
},
"TLBKpi" : { "cpuStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 59,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 90,
        "minVal" : 60
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 91
    }
},
"egressInterfaceStatus" : { "enabled" : true,
    "serviceAvailable" : true
},
"enabled" : true,
"realServersStatus" : { "enabled" : true,
    "greenRange" : { "maxVal" : 4,
        "minVal" : 0
    },
    "orangeRange" : { "maxVal" : 30,
        "minVal" : 5
    },
    "redRange" : { "maxVal" : 100,
        "minVal" : 31
    }
},

```

```

    "routingInstanceHopIndex" : { "enabled" : true,
      "serviceAvailable" : true
    },
    "servicePicStatus" : { "enabled" : true,
      "serviceAvailable" : true
    }
  },
  "description" : "ADC",
  "name" : "ADC"
} }

```

Delete a KPI Template

This request is used to delete a previously created KPI template.

URI	/api/sgd/sdgmgmt/kpiTemplate/deleteKPI
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.kpitemplate. deleteKPI+json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes an existing a KPI template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input net.juniper.jmp.sgd.shared.sdgmgmt.kpiprofile.KPITemplateMO:463358

Associate KPI Templates With SDG Devices

This request is used to associate a KPI template with a device.

URI	/api/sgd/sdgmgmt/sdgmanagement/modifysdg
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmanagement. modifysdg+json;version=1;charset=UTF-8
Consumes	None
Produces	Assigns a KPI template to a device

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input**Sample JSON Input**

```
{ "kpiBaseTemplate" : "ADC_cpuDataStatus",  
  "sdgGroupTemplate" : "soumen",  
  "sdgID" : "net.juniper.jmp.sgd.discovery.inventory.device.datamodel.SDGMO:754038"  
}
```


CHAPTER 6

SDG Groups RESTful Web Services

- [SDG Groups Management RESTful Web Services on page 101](#)

SDG Groups Management RESTful Web Services

The following operations can be performed using the Edge Services Director SDG Groups Management RESTful Web Services. A service delivery gateway (SDG) device can be combined into a group of devices for easier and streamlined administration.

Create SDG Groups

This request is used to create an SDG group for easier and simplified administration of a large number of SDGs in your network.

URI	/api/sgd/sdgmgmt/sdgGroups/createGroup
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgGroups.createGroup+json;version=1;charset=UTF-8
Consumes	None
Produces	Creates an SDG group

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input {"sdgGroupTO":{"name":"my-sdg-group","description":"my-sdg-group"}}

Delete SDG Groups

This request is used to delete an SDG group.

URI	/api/sgd/sdgmgmt/sdgGroups/deleteGroup
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgGroups.deleteGroup+json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes an SDG group

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input net.juniper.jmp.sgd.management.sdg.groups.SDGGroupMO:46133

Get SDG Groups Only

This request is used to collect all the SDG groups that were previously configured.

URI	/api/sgd/sdgmgmt/sdgGroups/getAllSDGGroups
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgGroups.getAllSDGGroups+json;version=1;charset=UTF-8
Consumes	None
Produces	Set of SDG groups

Response Status Code

Message	Description
200 OK	Successful retrieval of the list of SDG groups.

Output

Sample JSON Output

```
{ "response": { "data": { "MOID" :
"net.juniper.jmp.sgd.management.sdg.groups.jpa.SDGGroupEntity:32768",
  "createdTime" : "2014-11-17T14:12:11+05:30",
  "description" : "Default Service Gateway Group for ESD",
  "isDefault" : true,
  "modifiedTime" : "2014-11-17T14:12:11+05:30",
  "name" : "Default-Group"
},
"schemaName" : "SDGGroupTO",
"success" : true,
"totalRows" : 1
} }
```

Get SDG Groups With Statistics

This request is used to collect all the SDG groups with statistics.

URI	/api/sgd/sdgmgmt/sdgGroups/sdggroupsstatistics
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgGroups.sdggroupsstatistics+json;version=1;charset=UTF-8
Consumes	None
Produces	Set of SDG groups with statistics

Response Status Code

Message	Description
200 OK	Successful retrieval of the list of SDG groups with statistics.

Output**Sample JSON Output**

```
[ { "SGDStatisticTO" : { "data" : 1,
  "name" : "Default-Group"
} } ]
```

Get SDG Groups By Name

This request is used to collect a particular SDG group based on its name.

URI	/api/sgd/sdgmgmt/sdgGroups/getSDGGroupsByname/{SDGGroupName}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sdgmgmt.sdgGroups.getSDGGroupsByname.{SDGGroupName}+json;version=1;charset=UTF-8
Consumes	None

Produces

An SDG group

Response Status Code

Message	Description
200 OK	Successful retrieval of a specific SDG group

Output**Sample JSON Output**

```
{ "sdgGroupTO" : { "MOID" :  
  "net.juniper.jmp.sgd.management.sdg.groups.jpa.SDGGroupEntity:38714",  
  "createdBy" : "super",  
  "createdTime" : "2014-11-19T13:31:26+05:30",  
  "description" : "TestGrp",  
  "isDefault" : false,  
  "modifiedBy" : "super",  
  "modifiedTime" : "2014-11-19T13:31:26+05:30",  
  "name" : "TestGrp"  
} }
```

CHAPTER 7

Inventory RESTful Web Services

- [Inventory RESTful Web Services on page 105](#)

Inventory RESTful Web Services

The following operations can be performed using the Edge Services Director Inventory RESTful Web Services.

Get Inventory Service Statistics

This request is used to retrieve the service statistics maintained in the inventory.

URI	/api/sgd/sdgmgmt/inventory/servicetypestatistics
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.inventory.servicetypestatistics+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the inventory service statistics

Response Status Code

Message	Description
200 OK	Successful collection of service statistics

Output

Sample JSON Output

```
{ "response": { "configurationData": [ { "data": 4,
  "name": "In Sync"
},
{ "data": 0,
  "name": "Synchronizing"
},
{ "data": 0,
  "name": "Out Of Sync"
},
}
```

```
{ "data" : 0,
  "name" : "Sync Failed"
},
"connectionData" : [ { "data" : 4,
  "name" : "Up"
},
{ "data" : 0,
  "name" : "Down"
}
],
"serviceData" : [ { "data" : 4,
  "name" : "ADC"
},
{ "data" : 8,
  "name" : "TLB"
},
{ "data" : 7,
  "name" : "CGNAT"
},
{ "data" : 6,
  "name" : "SFW"
}
]
} }
```

Get Inventory Service Details

This request is used to retrieve the service details maintained in the inventory.

URI	/api/sgd/sdgmgmt/inventory/servicedetails
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.inventory.servicedetails+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the inventory service details

Response Status Code

Message	Description
200 OK	Successful collection of service details

Output

Sample JSON Output

```
{ "response" : { "data" : [ { "MOID" : "lb1ADC32880",
  "hostName" : "mcmx240a",
  "sdgGroup" : "Default-Group",
```

```

    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "lb1",
    "servicePic": "ms-0/1/0",
    "serviceType": "ADC"
  },
  { "MOID": "IPv6-SFWCGNAT32880",
    "hostName": "mcmx240a",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "IPv6-SFW",
    "servicePic": "sp-1/1/0.100, sp-1/1/0.99",
    "serviceType": "CGNAT"
  },
  { "MOID": "IPv6-SFWSFW32880",
    "hostName": "mcmx240a",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "IPv6-SFW",
    "servicePic": "sp-1/1/0.100, sp-1/1/0.99",
    "serviceType": "SFW"
  },
  { "MOID": "newsfwSFW32880",
    "hostName": "mcmx240a",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "newsfw",
    "servicePic": "sp-1/1/0.98, sp-1/1/0.97",
    "serviceType": "SFW"
  },
  { "MOID": "tlb_sdgTLB32880",
    "hostName": "mcmx240a",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "tlb_sdg",
    "servicePic": "ms-0/0/0.0",
    "serviceType": "TLB"
  },
  { "MOID": "tlb_sdg_v6TLB32880",
    "hostName": "mcmx240a",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "tlb_sdg_v6",
    "servicePic": "ms-0/0/0.0",
    "serviceType": "TLB"
  },
  { "MOID": "lb1ADC32881",
    "hostName": "mcmx240c",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "lb1",
    "servicePic": "ms-0/1/0",
    "serviceType": "ADC"
  },
  { "MOID": "NAPT44-SS1CGNAT32881",
    "hostName": "mcmx240c",
    "sdgGroup": "Default-Group",

```

```
"sdgName" : "mcmx240a-mcmx240c",
"serviceName" : "NAPT44-SS1",
"servicePic" : "sp-1/0/0.1000, sp-1/0/0.100",
"serviceType" : "CGNAT"
},
{ "MOID" : "IPv6-SFWCGNAT32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "IPv6-SFW",
  "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
  "serviceType" : "CGNAT"
},
{ "MOID" : "NAPT44-SS1SFW32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "NAPT44-SS1",
  "servicePic" : "sp-1/0/0.1000, sp-1/0/0.100",
  "serviceType" : "SFW"
},
{ "MOID" : "IPv6-SFWSFW32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "IPv6-SFW",
  "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
  "serviceType" : "SFW"
},
{ "MOID" : "tlb_sdgTLB32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "tlb_sdg",
  "servicePic" : "ms-0/0/0.0",
  "serviceType" : "TLB"
},
{ "MOID" : "tlb_sdg_v6TLB32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "tlb_sdg_v6",
  "servicePic" : "ms-0/0/0.0",
  "serviceType" : "TLB"
},
{ "MOID" : "lb1ADC229675",
  "hostName" : "mobst480x",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mobst480w-mobst480x",
  "serviceName" : "lb1",
  "servicePic" : "ms-0/0/0",
  "serviceType" : "ADC"
},
{ "MOID" : "NAPT44-SS1CGNAT229675",
  "hostName" : "mobst480x",
  "sdgGroup" : "Default-Group",
```

```

    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "NAPT44-SS1",
    "servicePic" : "sp-2/0/0.1000, sp-2/0/0.100",
    "serviceType" : "CGNAT"
  },
  { "MOID" : "NAPT44-SS2CGNAT229675",
    "hostName" : "mobst480x",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "NAPT44-SS2",
    "servicePic" : "sp-2/1/0.1000, sp-2/1/0.100",
    "serviceType" : "CGNAT"
  },
  { "MOID" : "IPv6-SFWSFW229675",
    "hostName" : "mobst480x",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "IPv6-SFW",
    "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
    "serviceType" : "SFW"
  },
  { "MOID" : "tlb_sdgTLB229675",
    "hostName" : "mobst480x",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "tlb_sdg",
    "servicePic" : "ms-1/0/0.0",
    "serviceType" : "TLB"
  },
  { "MOID" : "tlb_sdg_v6TLB229675",
    "hostName" : "mobst480x",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "tlb_sdg_v6",
    "servicePic" : "ms-1/0/0.0",
    "serviceType" : "TLB"
  },
  { "MOID" : "lb1ADC229920",
    "hostName" : "mobst480w",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "lb1",
    "servicePic" : "ms-0/0/0",
    "serviceType" : "ADC"
  },
  { "MOID" : "NAPT44-SS1CGNAT229920",
    "hostName" : "mobst480w",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mobst480w-mobst480x",
    "serviceName" : "NAPT44-SS1",
    "servicePic" : "sp-2/0/0.1000, sp-2/0/0.100",
    "serviceType" : "CGNAT"
  },
  { "MOID" : "NAPT44-SS2CGNAT229920",
    "hostName" : "mobst480w",
    "sdgGroup" : "Default-Group",

```

```

      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "NAPT44-SS2",
      "servicePic" : "sp-2/1/0.1000, sp-2/1/0.100",
      "serviceType" : "CGNAT"
    },
    { "MOID" : "IPv6-SFWSFW229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "IPv6-SFW",
      "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
      "serviceType" : "SFW"
    },
    { "MOID" : "tlb_sdgTLB229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "tlb_sdg",
      "servicePic" : "ms-1/0/0.0",
      "serviceType" : "TLB"
    },
    { "MOID" : "tlb_sdg_v6TLB229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "tlb_sdg_v6",
      "servicePic" : "ms-1/0/0.0",
      "serviceType" : "TLB"
    }
  ],
  "schemaName" : "SGDServiceInventoryTO",
  "success" : true,
  "totalRows" : 25
} }

```

Get Inventory Service Statistics Based on SDG ID

This request is used to retrieve the service statistics based on SDG ID that is maintained in the inventory.

URI	/api/sgd/sdgmgmt/inventory/servicetypestatistics/{SDG ID}/false
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.inventory.servicetypestatistics.{SDGID}+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the inventory service statistics based on SDG ID

Response Status Code

Message	Description
200 OK	Successful collection of service statistics based on SDG ID

Output

Sample JSON Output

```
{ "response": { "configurationData": [ { "data": 2,
  "name": "In Sync"
},
{ "data": 0,
  "name": "Synchronizing"
},
{ "data": 0,
  "name": "Out Of Sync"
},
{ "data": 0,
  "name": "Sync Failed"
}
],
"connectionData": [ { "data": 2,
  "name": "Up"
},
{ "data": 0,
  "name": "Down"
}
],
"serviceData": [ { "data": 2,
  "name": "ADC"
},
{ "data": 4,
  "name": "TLB"
},
{ "data": 3,
  "name": "CGNAT"
},
{ "data": 4,
  "name": "SFW"
}
]
} }
```

Get Inventory Service Details Based on SDG ID

This request is used to retrieve the service details based on SDG ID that is maintained in the inventory.

URI	/api/sdgmgmt/inventory/serviceDetails/{SDGID}/details?page={page}&start={start}&limit={limit}
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.inventory. serviceDetails[SDGID]&page=1&start=0&limit=30+&version=1&charset=UTF-8
Consumes	None
Produces	Collects the inventory service details based on SDG ID

Response Status Code

Message	Description
200 OK	Successful collection of service details based on SDG ID

Output

Sample JSON Output

```
{ "response": { "data": [ { "MOID": "lb1ADC32881",
  "hostName": "mcmx240c",
  "sdgGroup": "Default-Group",
  "sdgName": "mcmx240a-mcmx240c",
  "serviceName": "lb1",
  "servicePic": "ms-0/1/0",
  "serviceType": "ADC"
},
{ "MOID": "NAPT44-SS1CGNAT32881",
  "hostName": "mcmx240c",
  "sdgGroup": "Default-Group",
  "sdgName": "mcmx240a-mcmx240c",
  "serviceName": "NAPT44-SS1",
  "servicePic": "sp-1/0/0.1000, sp-1/0/0.100",
  "serviceType": "CGNAT"
},
{ "MOID": "IPv6-SFWCGNAT32881",
  "hostName": "mcmx240c",
  "sdgGroup": "Default-Group",
  "sdgName": "mcmx240a-mcmx240c",
  "serviceName": "IPv6-SFW",
  "servicePic": "sp-1/1/0.100, sp-1/1/0.99",
  "serviceType": "CGNAT"
},
{ "MOID": "NAPT44-SS1SFW32881",
  "hostName": "mcmx240c",
  "sdgGroup": "Default-Group",
  "sdgName": "mcmx240a-mcmx240c",
  "serviceName": "NAPT44-SS1",
  "servicePic": "sp-1/0/0.1000, sp-1/0/0.100",
  "serviceType": "SFW"
},
{ "MOID": "IPv6-SFWSFW32881",
  "hostName": "mcmx240c",
  "sdgGroup": "Default-Group",
  "sdgName": "mcmx240a-mcmx240c",
  "serviceName": "IPv6-SFW",
  "servicePic": "sp-1/1/0.100, sp-1/1/0.99",
```

```

    "serviceType" : "SFW"
  },
  { "MOID" : "tlb_sdgTLB32881",
    "hostName" : "mcmx240c",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "tlb_sdg",
    "servicePic" : "ms-0/0/0.0",
    "serviceType" : "TLB"
  },
  { "MOID" : "tlb_sdg_v6TLB32881",
    "hostName" : "mcmx240c",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "tlb_sdg_v6",
    "servicePic" : "ms-0/0/0.0",
    "serviceType" : "TLB"
  },
  { "MOID" : "lb1ADC32880",
    "hostName" : "mcmx240a",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "lb1",
    "servicePic" : "ms-0/1/0",
    "serviceType" : "ADC"
  },
  { "MOID" : "IPv6-SFWCGNAT32880",
    "hostName" : "mcmx240a",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "IPv6-SFW",
    "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
    "serviceType" : "CGNAT"
  },
  { "MOID" : "IPv6-SFWSFW32880",
    "hostName" : "mcmx240a",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "IPv6-SFW",
    "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
    "serviceType" : "SFW"
  },
  { "MOID" : "newsfwSFW32880",
    "hostName" : "mcmx240a",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "newsfw",
    "servicePic" : "sp-1/1/0.98, sp-1/1/0.97",
    "serviceType" : "SFW"
  },
  { "MOID" : "tlb_sdgTLB32880",
    "hostName" : "mcmx240a",
    "sdgGroup" : "Default-Group",
    "sdgName" : "mcmx240a-mcmx240c",
    "serviceName" : "tlb_sdg",
    "servicePic" : "ms-0/0/0.0",

```

```

    "serviceType": "TLB"
  },
  {
    "MOID": "tlb_sdg_v6TLB32880",
    "hostName": "mcmx240a",
    "sdgGroup": "Default-Group",
    "sdgName": "mcmx240a-mcmx240c",
    "serviceName": "tlb_sdg_v6",
    "servicePic": "ms-0/0/0.0",
    "serviceType": "TLB"
  }
],
"schemaName": "SGDServiceInventoryTO",
"success": true,
"totalRows": 13
}
}
```

Get Inventory Service Statistics Based on SDG Group ID

This request is used to retrieve the service statistics based on SDG group ID that is maintained in the inventory.

URI	/api/sgd/sdgmgmt/inventory/serviceypestatistics/net.juniper.jsp.sgd.management.sdg.groups.jpa.SDGGroupEntity:{SDGGroupId}/true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.inventory.serviceypestatistics.net.juniper.jsp.sgd.management.sdg.groups.jpa.SDGGroupEntity:{SDGGroupId}/true+json;version=1; charset=UTF-8
Consumes	None
Produces	Collects the inventory service statistics based on SDG group ID

Response Status Code

Message	Description
200 OK	Successful collection of service statistics based on SDG group ID

Output

Sample JSON Output

```
{ "response": { "configurationData": [ { "data": 4,  
    "name": "In Sync"  
},  
{ "data": 0,  
  "name": "Synchronizing"  
}  
}
```

```

    { "data" : 0,
      "name" : "Out Of Sync"
    },
    { "data" : 0,
      "name" : "Sync Failed"
    }
  ],
  "connectionData" : [ { "data" : 4,
    "name" : "Up"
  },
    { "data" : 0,
      "name" : "Down"
    }
  ],
  "serviceData" : [ { "data" : 4,
    "name" : "ADC"
  },
    { "data" : 8,
      "name" : "TLB"
    },
    { "data" : 7,
      "name" : "CGNAT"
    },
    { "data" : 6,
      "name" : "SFW"
    }
  ]
}
}

```

Get Inventory Service Details Based on SDG Group ID

This request is used to retrieve the service details based on SDG group ID that is maintained in the inventory.

URI	/api/sgd/sdgmgmt/inventory/servicedetails/net.juniper.jmp.sgd.management.sdg.groups.jpa.SDGGroupEntity:{SDGGroupId}/true?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.inventory.servicedetails.net.juniper.jmp.sgd.management.sdg.groups.jpa.SDGGroupEntity:{SDGGroupId}.true?page=1&start=0&limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the inventory service details based on SDG group ID

Response Status Code

Message	Description
200 OK	Successful collection of service details based on SDG group ID

Output

Sample JSON Output

```
{ "response": { "data": [ { "MOID": "lb1ADC229675",
  "hostName": "mobst480x",
  "sdgGroup": "Default-Group",
  "sdgName": "mobst480w-mobst480x",
  "serviceName": "lb1",
  "servicePic": "ms-0/0/0",
  "serviceType": "ADC"
},
{ "MOID": "NAPT44-SS1CGNAT229675",
  "hostName": "mobst480x",
  "sdgGroup": "Default-Group",
  "sdgName": "mobst480w-mobst480x",
  "serviceName": "NAPT44-SS1",
  "servicePic": "sp-2/0/0.1000, sp-2/0/0.100",
  "serviceType": "CGNAT"
},
{ "MOID": "NAPT44-SS2CGNAT229675",
  "hostName": "mobst480x",
  "sdgGroup": "Default-Group",
  "sdgName": "mobst480w-mobst480x",
  "serviceName": "NAPT44-SS2",
  "servicePic": "sp-2/1/0.1000, sp-2/1/0.100",
  "serviceType": "CGNAT"
},
{ "MOID": "IPv6-SFWSFW229675",
  "hostName": "mobst480x",
  "sdgGroup": "Default-Group",
  "sdgName": "mobst480w-mobst480x",
  "serviceName": "IPv6-SFW",
  "servicePic": "sp-1/1/0.100, sp-1/1/0.99",
  "serviceType": "SFW"
},
{ "MOID": "tlb_sdgTLB229675",
  "hostName": "mobst480x",
  "sdgGroup": "Default-Group",
  "sdgName": "mobst480w-mobst480x",
  "serviceName": "tlb_sdg",
  "servicePic": "ms-1/0/0.0",
  "serviceType": "TLB"
},
{ "MOID": "tlb_sdg_v6TLB229675",
  "hostName": "mobst480x",
  "sdgGroup": "Default-Group",
  "sdgName": "mobst480w-mobst480x",
  "serviceName": "tlb_sdg_v6",
  "servicePic": "ms-1/0/0.0",
  "serviceType": "TLB"
} ] }
```

```

},
{ "MOID" : "lb1ADC32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "lb1",
  "servicePic" : "ms-0/1/0",
  "serviceType" : "ADC"
},
{ "MOID" : "NAPT44-SS1CGNAT32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "NAPT44-SS1",
  "servicePic" : "sp-1/0/0.1000, sp-1/0/0.100",
  "serviceType" : "CGNAT"
},
{ "MOID" : "IPv6-SFWCGNAT32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "IPv6-SFW",
  "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
  "serviceType" : "CGNAT"
},
{ "MOID" : "NAPT44-SS1SFW32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "NAPT44-SS1",
  "servicePic" : "sp-1/0/0.1000, sp-1/0/0.100",
  "serviceType" : "SFW"
},
{ "MOID" : "IPv6-SFWSFW32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "IPv6-SFW",
  "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
  "serviceType" : "SFW"
},
{ "MOID" : "tlb_sdgTLB32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "tlb_sdg",
  "servicePic" : "ms-0/0/0.0",
  "serviceType" : "TLB"
},
{ "MOID" : "tlb_sdg_v6TLB32881",
  "hostName" : "mcmx240c",
  "sdgGroup" : "Default-Group",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceName" : "tlb_sdg_v6",
  "servicePic" : "ms-0/0/0.0",
  "serviceType" : "TLB"
}

```

```
    },
    { "MOID" : "lb1ADC229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "lb1",
      "servicePic" : "ms-0/0/0",
      "serviceType" : "ADC"
    },
    { "MOID" : "NAPT44-SS1CGNAT229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "NAPT44-SS1",
      "servicePic" : "sp-2/0/0.1000, sp-2/0/0.100",
      "serviceType" : "CGNAT"
    },
    { "MOID" : "NAPT44-SS2CGNAT229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "NAPT44-SS2",
      "servicePic" : "sp-2/1/0.1000, sp-2/1/0.100",
      "serviceType" : "CGNAT"
    },
    { "MOID" : "IPv6-SFWSFW229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "IPv6-SFW",
      "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
      "serviceType" : "SFW"
    },
    { "MOID" : "tlb_sdgTLB229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "tlb_sdg",
      "servicePic" : "ms-1/0/0.0",
      "serviceType" : "TLB"
    },
    { "MOID" : "tlb_sdg_v6TLB229920",
      "hostName" : "mobst480w",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mobst480w-mobst480x",
      "serviceName" : "tlb_sdg_v6",
      "servicePic" : "ms-1/0/0.0",
      "serviceType" : "TLB"
    },
    { "MOID" : "lb1ADC32880",
      "hostName" : "mcmx240a",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mcmx240a-mcmx240c",
      "serviceName" : "lb1",
      "servicePic" : "ms-0/1/0",
      "serviceType" : "ADC"
    }
```



```

    },
    { "MOID" : "IPv6-SFWCGNAT32880",
      "hostName" : "mcmx240a",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mcmx240a-mcmx240c",
      "serviceName" : "IPv6-SFW",
      "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
      "serviceType" : "CGNAT"
    },
    { "MOID" : "IPv6-SFWSFW32880",
      "hostName" : "mcmx240a",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mcmx240a-mcmx240c",
      "serviceName" : "IPv6-SFW",
      "servicePic" : "sp-1/1/0.100, sp-1/1/0.99",
      "serviceType" : "SFW"
    },
    { "MOID" : "newsfwSFW32880",
      "hostName" : "mcmx240a",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mcmx240a-mcmx240c",
      "serviceName" : "newsfw",
      "servicePic" : "sp-1/1/0.98, sp-1/1/0.97",
      "serviceType" : "SFW"
    },
    { "MOID" : "tlb_sdgTLB32880",
      "hostName" : "mcmx240a",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mcmx240a-mcmx240c",
      "serviceName" : "tlb_sdg",
      "servicePic" : "ms-0/0/0.0",
      "serviceType" : "TLB"
    },
    { "MOID" : "tlb_sdg_v6TLB32880",
      "hostName" : "mcmx240a",
      "sdgGroup" : "Default-Group",
      "sdgName" : "mcmx240a-mcmx240c",
      "serviceName" : "tlb_sdg_v6",
      "servicePic" : "ms-0/0/0.0",
      "serviceType" : "TLB"
    }
  ],
  "schemaName" : "SGDServiceInventoryTO",
  "success" : true,
  "totalRows" : 25
} }

```


CHAPTER 8

Service Designer RESTful Web Services

- [Service Designer RESTful Web Services on page 121](#)

Service Designer RESTful Web Services

The following operations can be performed using the Edge Services Director Service Designer RESTful Web Services.

Create ADC Templates

This request is used to create an ADC service template.

URI	/api/sgd/configmanager/servicetemplate/createadc servicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.createadc servicetemplate+json;version=1;charset=UTF-8
Consumes	None
Produces	Creates an ADC service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "description" : "TEST_TEMPLATE DESC",
  "name" : "TEST_TEMPLATE",
  "objectBuilderImportComponentListMap" : { },
  "serviceConfig" : { "clientFacing" : { "interfaces" : [ "irb.411",
    "irb.400"
  ],
```

```
"name": "CLIENT_FACING",
"objectCreateType": "TEMPLATE",
"routingInstances": [ "SGI-PRIVATE" ]
},
"customHealthChecks": [ { "commandName": "1",
"commandType": "UDP",
"commands": [ { "commandType": "OPEN",
"depth": "",
"name": "1",
"offset": "",
"value": "1248",
"wait": ""
} ],
"name": "Script1",
"objectCreateType": "TEMPLATE"
} ],
"groups": [ { "healthCheck": false,
"loadBalanceMethod": "ROUND_ROBIN",
"name": "G1",
"objectCreateType": "TEMPLATE",
"realServers": [ "RS1" ],
"unitHealthCheck": 22
} ],
"msInterfaces": [ { "name": "ms-0/0/0",
"objectCreateType": "TEMPLATE"
} ],
"name": "lb1",
"realServers": [ { "address": "10.2.2.2",
"name": "RS1",
"objectCreateType": "TEMPLATE",
"realServerHealthCheck": { "failureRetries": 1,
"healthCheckInterval": 0,
"name": "RS1",
"recoveryRetries": 1
},
"realServerType": "ADC",
"type": "IPv4"
} ],
"serverFacing": { "interfaces": [ "irb.800",
"irb.410"
],
"name": "SERVER_FACING",
"objectCreateType": "TEMPLATE",
"routingInstances": [ "SGI-PUBLIC" ]
},
"unitHealthChecks": [ { "name": 22,
"objectCreateType": "TEMPLATE",
"units": [ { "address": "10.3.33.3",
"name": "IPv4-Name",
"type": "IPv4"
} ]
} ],
"virtualServers": [ { "address": "10.4.4.4",
"description": "VS1 Desc",
"name": "VS1",
"objectCreateType": "TEMPLATE",
```

```

    "type" : "IPv4",
    "virtualServices" : [ { "fastLoadBalancing" : true,
        "group" : "G1",
        "name" : "VSvc1",
        "perPacketLoadBalancing" : true,
        "port" : "",
        "protocol" : "UDP",
        "sendTrafficToVIP" : true,
        "serverListeningPort" : "2",
        "serviceTimeOut" : "2",
        "type" : "DNS"
    } ]
  } ]
},
"status" : "UNPUBLISHED",
"uiPermissionMap" : { "ADC_CLIENT_FACING" : "DEVICE_SPECIFIC",
  "ADC_CUSTOM_HEALTH_CHECKS" : "EDITABLE",
  "ADC_HEALTH_CHECK_SOURCES" : "EDITABLE",
  "ADC_REAL_SERVERS" : "EDITABLE",
  "ADC_SERVER_FACING" : "DEVICE_SPECIFIC",
  "ADC_SERVER_GROUPS" : "EDITABLE",
  "ADC_SERVICE_INTERFACES" : "DEVICE_SPECIFIC",
  "ADC_VIRTUAL_SERVERS" : "EDITABLE"
}
}

```

Import ADC Templates

This request is used to import an ADC service template.

URI	/api/sgd/configmanager/servicetemplate/ prepareservicestructurefromhost
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.prepareservicestructurefromhost +json;version=1;charset=UTF-8
Consumes	None
Produces	Imports an ADC service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "serviceTemplateInput" : { "deviceId" : "131093",
                             "instanceName" : "lb1",
                             "serviceType" : "ADC"
                           } }
```

Modify ADC Templates

This request is used to modify an ADC service template.

URI	/api/sgd/configmanager/servicetemplate/ modifyadcservicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.modifyadcservicetemplate +json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies an ADC service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "description" : "TEST_TEMPLATE DESC NEW",
  "name" : "TEST_TEMPLATE",
  "objectBuilderImportComponentListMap" : { },
  "serviceConfig" : { "clientFacing" : { "interfaces" : [ "irb.411",
                                                         "irb.400"
                                                       ] },
                    "name" : "CLIENT_FACING",
                    "objectCreateType" : "TEMPLATE",
                    "routingInstances" : [ "SGI-PRIVATE" ]
  },
  "customHealthChecks" : [ { "commandName" : "1",
                             "commandType" : "UDP",
                             "commands" : [ { "commandType" : "OPEN",
                                                "createdBy" : "super",
                                                "createdTime" : 1416203326000,
                                                "depth" : null,
                                                "description" : null,
                                                "id" : 592268,
                                                "modifiedBy" : "super",
                                                "modifiedTime" : 1416203326000,
                                                "moid" :
                                                  "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:592268",
```

```

        "name" : "1",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" : "1248",
        "wait" : null
    } ],
    "createdBy" : "super",
    "createdTime" : 1416203326000,
    "description" : null,
    "id" : 592267,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203326000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:592267",

    "name" : "Script1",
    "objectCreateType" : "TEMPLATE",
    "userOperationType" : null
    } ],
    "groups" : [ { "createdBy" : "super",
        "createdTime" : 1416203326000,
        "description" : null,
        "groupHealthCheck" : null,
        "healthCheck" : false,
        "id" : 592271,
        "loadBalanceMethod" : "ROUND_ROBIN",
        "modifiedBy" : "super",
        "modifiedTime" : 1416203326000,
        "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:592271",

        "name" : "G1",
        "objectCreateType" : "TEMPLATE",
        "realServers" : [ "RS1" ],
        "unitHealthCheck" : "22",
        "userOperationType" : null
    } ],
    "msInterfaces" : [ { "createdBy" : "super",
        "createdTime" : 1416203326000,
        "description" : null,
        "id" : 592274,
        "interfaceName" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416203326000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:592274",

        "name" : "ms-0/0/0",
        "objectCreateType" : "TEMPLATE",
        "unitNames" : null,
        "userOperationType" : null
    } ],
    "name" : "lb1",
    "realServers" : [ { "address" : "10.2.2.21",
        "name" : "RS1",
        "objectCreateType" : "TEMPLATE",

```

```
    "realServerHealthCheck" : { "failureRetries" : 1,
    "healthCheckInterval" : 0,
    "name" : "RS1",
    "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
  } ],
  "serverFacing" : { "interfaces" : [ "irb.800",
    "irb.410"
    ],
    "name" : "SERVER_FACING",
    "objectCreateType" : "TEMPLATE",
    "routingInstances" : [ "SGI-PUBLIC" ]
  },
  "unitHealthChecks" : [ { "createdBy" : "super",
    "createdTime" : 1416203326000,
    "description" : null,
    "id" : 592269,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203326000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:592269",

    "name" : "22",
    "objectCreateType" : "TEMPLATE",
    "units" : [ { "address" : "10.3.33.3",
      "createdBy" : "super",
      "createdTime" : 1416203326000,
      "description" : null,
      "id" : 592270,
      "modifiedBy" : "super",
      "modifiedTime" : 1416203326000,
      "moid" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitEntity:592270",
      "name" : "IPv4-Name",
      "objectCreateType" : null,
      "type" : "IPv4",
      "userOperationType" : null
    } ],
    "userOperationType" : null
  } ],
  "virtualServers" : [ { "address" : "10.4.4.4",
    "createdBy" : "super",
    "createdTime" : 1416203326000,
    "description" : "VS1 Desc",
    "id" : 592275,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203326000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:592275",
    "name" : "VS1",
    "objectCreateType" : "TEMPLATE",
    "type" : "IPv4",
    "userOperationType" : null,
    "virtualServices" : [ { "createdBy" : "super",
```



```

        "createdTime" : 1416203326000,
        "description" : null,
        "fastLoadBalancing" : true,
        "group" : "G1",
        "id" : 592276,
        "modifiedBy" : "super",
        "modifiedTime" : 1416203326000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:592276",
        "name" : "VSvc1",
        "objectCreateType" : null,
        "perPacketLoadBalancing" : true,
        "port" : null,
        "protocol" : "UDP",
        "sendTrafficToVIP" : true,
        "serverListeningPort" : 2,
        "serviceTimeOut" : 2,
        "type" : "DNS",
        "userOperationType" : null
    } ]
} ]
},
"status" : "UNPUBLISHED",
"uiPermissionMap" : { "ADC_CLIENT_FACING" : "DEVICE_SPECIFIC",
    "ADC_CUSTOM_HEALTH_CHECKS" : "EDITABLE",
    "ADC_HEALTH_CHECK_SOURCES" : "EDITABLE",
    "ADC_REAL_SERVERS" : "EDITABLE",
    "ADC_SERVER_FACING" : "DEVICE_SPECIFIC",
    "ADC_SERVER_GROUPS" : "EDITABLE",
    "ADC_SERVICE_INTERFACES" : "DEVICE_SPECIFIC",
    "ADC_VIRTUAL_SERVERS" : "EDITABLE"
}
}

```

Delete ADC Templates

This request is used to delete an ADC service template.

URI	/api/sgd/configmanager/servicetemplate/ deleteservicetemplatebynames/ADC
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.deleteservicetemplatebynames.ADC +json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes an ADC service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input {"teamplateNames":["Test_Template"]}

Get All ADC Templates By Type

This request is used to retrieve all the configured ADC service templates by their types.

URI	/api/sgd/configmanager/servicetemplate/ getallservicetemplatesbytype/ADC
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getallservicetemplatesbytype.ADC +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured ADC templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the ADC service templates by types

Output

Sample JSON Output

```
{ "response": { "data": [ { "MOID" :  
  "net.juniper.jmp.sgd.configmanager.template.jpa.ADCTemplateEntity:67190",  
    "createdBy" : "super",  
    "createdTime" : "2014-11-13T13:33:16+05:30",  
    "description" : "",  
    "id" : 67190,  
    "modifiedBy" : "super",  
    "modifiedTime" : "2014-11-13T13:33:16+05:30",  
    "name" : "dsdsdsdsd",  
    "status" : "PUBLISHED"  
  },  
  { "MOID" :  
    "net.juniper.jmp.sgd.configmanager.template.jpa.ADCTemplateEntity:591728",  
    "createdBy" : "super",  
    "createdTime" : "2014-11-17T10:41:12+05:30",  
    "description" : "Test_Template Description",
```

```

        "id" : 591728,
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-17T10:41:12+05:30",
        "name" : "Test_Template",
        "status" : "PUBLISHED"
    }
],
"schemaName" : "SGDServiceTemplateTO",
"success" : true,
"totalRows" : 2
} }

```

Get ADC Template Details

This request is used to prepare an ADC service structure from a template.

URI	/api/sgd/configmanager/servicetemplate/ /preparestructurefromtemplate/TEST_TEMPLATE/ ADC
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.preparestructurefromtemplate.TEST_TEMPLATEADC +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects an ADC template details

Response Status Code

Message	Description
200 OK	Successful collection of the ADC service template details

Output

Sample JSON Output

```

{
  "response":{
    "id":592277,

    "MOID":"net.juniper.jmp.sgd.configmanager.template.jpa.ADCTemplateEntity:592277",

    "createdBy":"super",
    "modifiedBy":"super",
    "createdTime":"2014-11-17T11:18:46+05:30",
    "modifiedTime":"2014-11-17T11:19:59+05:30",
    "to":{
      "configViewComponentsTOs":[
        {
          "configViewComponentList":{
            "name":"RS1",

```

[illegible]

```

    },
    "name": "Custom Health Checks",
    "type": "ADC_CUSTOM_HEALTH_CHECKS",
    "permissionType": "EDITABLE",
    "description": "Configure script based health check for a group"
  },
  {
    "configViewComponentList": {
      "name": "G1",
      "configKnob": "server-groups",
      "truncatedName": "G1",
      "labelAlign": "right",
      "image": "\sgd\ui\web\images\viewconfig\server_group.png",
      "parentPanel": "server-groups",
      "description": ""
    },
    "name": "Server Groups",
    "type": "ADC_SERVER_GROUPS",
    "permissionType": "EDITABLE",
    "description": "Associate multiple servers with same content type to one group"
  },
  {
    "configViewComponentList": {
      "name": "VS1",
      "configKnob": "virtual-servers",
      "truncatedName": "VS1",
      "labelAlign": "right",
      "image": "\sgd\ui\web\images\viewconfig\virtual_server.png",
      "parentPanel": "virtual-servers",
      "description": ""
    },
    "name": "Virtual Servers",
    "type": "ADC_VIRTUAL_SERVERS",
    "permissionType": "EDITABLE",
    "description": "Create Virtual IP address to accept client requests"
  },
  {
    "configViewComponentList": [
      {
        "name": "SGI-PRIVATE",
        "configKnob": "client-side-vrf",
        "truncatedName": "SGI-PRIV..",

```

[illegible]

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```

        "noOfPanels":10
    },
    "serviceType":"ADC",
    "serviceInstanceName":"lb1",
    "name":"TEST_TEMPLATE",
    "description":"TEST_TEMPLATE DESC NEW",
    "status":"PUBLISHED",
    "uiPermissionMap":{
        "entry":[
            {
                "key":"ADC_CLIENT_FACING",
                "value":"DEVICE_SPECIFIC"
            },
            {
                "key":"ADC_VIRTUAL_SERVERS",
                "value":"EDITABLE"
            },
            {
                "key":"ADC_SERVER_FACING",
                "value":"DEVICE_SPECIFIC"
            },
            {
                "key":"ADC_HEALTH_CHECK_SOURCES",
                "value":"EDITABLE"
            },
            {
                "key":"ADC_SERVICE_INTERFACES",
                "value":"DEVICE_SPECIFIC"
            },
            {
                "key":"ADC_SERVER_GROUPS",
                "value":"EDITABLE"
            },
            {
                "key":"ADC_REAL_SERVERS",
                "value":"EDITABLE"
            },
            {
                "key":"ADC_CUSTOM_HEALTH_CHECKS",
                "value":"EDITABLE"
            }
        ]
    }
}

```

Get All Published ADC Templates

This request is used to retrieve all the published ADC service templates.

URI	/api/sgd/configmanager/servicetemplate/ getallpublishedservicetemplatesbytype/ADC
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.getallpublishedservicetemplatesbytype.ADC+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the published ADC templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the published ADC service templates by types

Output**Sample JSON Output**

```
{ "response": { "data" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.template.jpaa.ADCTemplateEntity:592277",
  "createdBy" : "super",
  "createdTime" : "2014-11-17T11:18:46+05:30",
  "description" : "TEST_TEMPLATE DESC NEW",
  "id" : 592277,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-17T11:19:59+05:30",
  "name" : "TEST_TEMPLATE",
  "status" : "PUBLISHED"
},
"schemaName" : "SGDServiceTemplateTO",
"success" : true,
"totalRows" : 0
} }
```

Get All ADC Template Structures By Type

This request is used to retrieve all the configured ADC service template structures by their types. The configuration details are displayed in property view and configuration view. The property view is useful if you want a GUI, tree-based structure of display. In this view, you can drill-down the tree and view data about each of the service attributes. Property view is simple view of configuration as key value pair. The dynamic fields in form view are defined using parameters. The configuration view is beneficial if you are familiar with the CLI interface structure and want to view service attributes in the form of configuration stanzas and hierarchy levels.

URI	/api/sgd/configmanager/servicetemplate/ getservicetemplatestruturebytype/ADC ?osVersion={osVersion(12.1/14.1)}
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.getservicetemplatestruturebytype.ADC?osVersion={osVersion(12.1/14.1)}+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured ADC template structures by type

Response Status Code

Message	Description
200 OK	Successful collection of the ADC service template structures by types

Output

Sample JSON Output

```
{ "response": { "serviceInstanceName" : "",
  "serviceType" : "ADC",
  "to" : { "configViewComponentsTOs" : [ { "description" : "Configure application
servers",
  "name" : "Real Servers",
  "permissionType" : "EDITABLE",
  "type" : "ADC_REAL_SERVERS"
},
{ "description" : "Configure IP address to send the health checks to real servers",
  "name" : "Health Check Sources",
  "permissionType" : "EDITABLE",
  "type" : "ADC_HEALTH_CHECK_SOURCES"
},
{ "description" : "Configure script based health check for a group",
  "name" : "Custom Health Checks",
  "permissionType" : "EDITABLE",
  "type" : "ADC_CUSTOM_HEALTH_CHECKS"
},
{ "description" : "Associate multiple servers with same content type to one group",
  "name" : "Server Groups",
  "permissionType" : "EDITABLE",
  "type" : "ADC_SERVER_GROUPS"
},
{ "description" : "Create Virtual IP address to accept client requests",
  "name" : "Virtual Servers",
  "permissionType" : "EDITABLE",
  "type" : "ADC_VIRTUAL_SERVERS"
},
{ "description" : "Create interface to receive client traffic",
  "name" : "Client Facing",
  "permissionType" : "DEVICE_SPECIFIC",
  "type" : "ADC_CLIENT_FACING"
},
{ "description" : "Select MS interface for hosting the service",
  "name" : "Service Pic",
```

```

        "permissionType" : "DEVICE_SPECIFIC",
        "type" : "ADC_SERVICE_INTERFACES"
    },
    { "description" : "Create interface to connect application servers",
      "name" : "Server Facing",
      "permissionType" : "DEVICE_SPECIFIC",
      "type" : "ADC_SERVER_FACING"
    }
  ],
  "noOfPanels" : 10
}
}}

```

Create TLB Templates

This request is used to create a TLB service template.

URI	/api/sgd/configmanager/servicetemplate/ createtlbservicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.createtlbservicetemplate +json;version=1;charset=UTF-8
Consumes	None
Produces	Creates a TLB service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "description" : "TEST_TEMPLATE DESC",
  "name" : "TEST_TEMPLATE",
  "networkMonitorings" : [ { "failureRetries" : "1",
    "name" : "NW_M_P",
    "networkMonitoringProtocol" : "ICMP",
    "objectCreateType" : "TEMPLATE",
    "probeInterval" : "1",
    "recoveryRetries" : "1"
  } ],
  "objectBuilderImportComponentListMap" : { },
  "serviceConfig" : { "groups" : [ { "name" : "G1",
    "networkMonitorings" : [ "NW_M_P" ],
    "objectCreateType" : "TEMPLATE",
    "realServers" : [ "RS1" ]
  } ]
}

```

```

    } ],
    "msInterfaces" : [ { "name" : "ms-0/0/0.0",
        "objectCreateType" : "TEMPLATE"
    } ],
    "name" : "tlb",
    "realServers" : [ { "address" : "10.5.5.5",
        "name" : "RS1",
        "objectCreateType" : "TEMPLATE",
        "realServerType" : "TLB",
        "type" : "IPv4"
    } ],
    "virtualServices" : [ { "address" : "10.3.3.3",
        "group" : "G1",
        "loadBalanceMethod" : [ "SOURCEIP" ],
        "name" : "VS1",
        "objectCreateType" : "TEMPLATE",
        "rebalanceThreshold" : "1",
        "routeMetric" : "1"
    } ]
  },
  "status" : "UNPUBLISHED",
  "uiPermissionMap" : { "TLB_NETWORK_MONITORING" : "EDITABLE",
    "TLB_REAL_SERVERS" : "EDITABLE",
    "TLB_SERVER_GROUPS" : "EDITABLE",
    "TLB_SERVICE_INTERFACES" : "DEVICE_SPECIFIC",
    "TLB_VIRTUAL_SERVERS" : "EDITABLE"
  }
}

```

Import TLB Templates

This request is used to import an TLB service template.

URI	/api/sgd/configmanager/servicetemplate/ prepareservicestructurefromhost?osVersion=14.1
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.prepareservicestructurefromhost ?osVersion=14.1 +json;version=1;charset=UTF-8
Consumes	None
Produces	Imports an TLB service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "serviceTemplateInput" : { "deviceId" : "131093",
  "instanceName" : "tlb_sdg",
  "serviceType" : "TLB"
} }
```

Modify TLB Templates

This request is used to modify a TLB service template.

URI	/api/sgd/configmanager/servicetemplate/ modifytlbservicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.modifytlbservicetemplate +json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies a TLB service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "description" : "TEST_TEMPLATE DESC NEW",
  "name" : "TEST_TEMPLATE",
  "networkMonitorings" : [ { "createdBy" : "super",
    "createdTime" : 1416203795000,
    "description" : null,
    "failureRetries" : "1",
    "id" : 592293,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203795000,
    "moid" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.tlb.NetworkMonitoringEntity:592293",
    "name" : "NW_M_P",
    "networkMonitoringProtocol" : "ICMP",
    "objectCreateType" : "TEMPLATE",
    "paramValueMap" : null,
    "probeInterval" : "1",
    "recoveryRetries" : "1",
    "userOperationType" : null
  } ],
  "objectBuilderImportComponentListMap" : { } }
```

```
"serviceConfig" : { "groups" : [ { "createdBy" : "super",
    "createdTime" : 1416203795000,
    "description" : null,
    "id" : 592292,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203795000,
    "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.tlb.TLBGroupEntity:592292",

    "name" : "G1",
    "networkMonitorings" : [ "NW_M_P" ],
    "objectCreateType" : "TEMPLATE",
    "realServers" : [ "RS1" ],
    "routingInstance" : null,
    "userOperationType" : null
  } ],
  "msInterfaces" : [ { "createdBy" : "super",
    "createdTime" : 1416203795000,
    "description" : null,
    "id" : 592294,
    "interfaceName" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203795000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:592294",

    "name" : "ms-0/0/0.0",
    "objectCreateType" : "TEMPLATE",
    "unitNames" : null,
    "userOperationType" : null
  } ],
  "name" : "tlb",
  "realServers" : [ { "address" : "10.6.6.6",
    "name" : "RS1",
    "objectCreateType" : "TEMPLATE",
    "realServerType" : "TLB",
    "type" : "IPv4"
  } ],
  "virtualServices" : [ { "address" : "10.3.3.3",
    "createdBy" : null,
    "createdTime" : null,
    "description" : null,
    "group" : "G1",
    "id" : null,
    "loadBalanceMethod" : [ "SOURCEIP" ],
    "modifiedBy" : null,
    "modifiedTime" : null,
    "moid" : null,
    "name" : "VS1",
    "objectCreateType" : "TEMPLATE",
    "rebalanceThreshold" : 1,
    "routeMetric" : 1,
    "routingInstance" : null,
    "userOperationType" : null
  } ]
},
"status" : "UNPUBLISHED",
```

```

"uiPermissionMap" : { "TLB_NETWORK_MONITORING" : "EDITABLE",
"TLB_REAL_SERVERS" : "EDITABLE",
"TLB_SERVER_GROUPS" : "EDITABLE",
"TLB_SERVICE_INTERFACES" : "DEVICE_SPECIFIC",
"TLB_VIRTUAL_SERVERS" : "EDITABLE"
}
}

```

Delete TLB Templates

This request is used to delete a TLB service template.

URI	/api/sgd/configmanager/servicetemplate/deleteservicetemplatebynames/TLB
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.deleteservicetemplatebynames.TLB+json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes a TLB service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input {"teemplateNames":["Test_Template"]}

Get All TLB Templates By Type

This request is used to retrieve all the configured TLB service templates by their types.

URI	/api/sgd/configmanager/servicetemplate/getallservicetemplatesbytype/TLB
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.getallservicetemplatesbytype.TLB+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured TLB templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the TLB service templates by types

Output**Sample JSON Output**

```
{ "response" : { "data" : { "MOID" :  
  "net.juniper.jmp.sgd.configmanager.template.jp.TLBTemplateEntity:592297",  
  "createdBy" : "super",  
  "createdTime" : "2014-11-17T11:26:35+05:30",  
  "description" : "TEST_TEMPLATE DESC",  
  "id" : 592297,  
  "modifiedBy" : "super",  
  "modifiedTime" : "2014-11-17T11:26:35+05:30",  
  "name" : "TEST_TEMPLATE",  
  "status" : "UNPUBLISHED"  
  },  
  "schemaName" : "SGDServiceTemplateTO",  
  "success" : true,  
  "totalRows" : 1  
  }  
}
```

Get TLB Template Details

This request is used to prepare a TLB service structure from a template.

URI	/api/sgd/configmanager/servicetemplate/ /preparestructurefromtemplate/ TEST_TEMPLATE/TLB
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.preparestructurefromtemplate. TEST_TEMPLATE.TLB +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects a TLB template details

Response Status Code

Message	Description
200 OK	Successful collection of the TLB service template details

Output

Sample JSON Output

```
{
  "response":{
    "id":592277,

    "MOID":"net.juniper.jmp.sgd.configmanager.template.jpa.ADCTemplateEntity:592277",

    "createdBy":"super",
    "modifiedBy":"super",
    "createdTime":"2014-11-17T11:18:46+05:30",
    "modifiedTime":"2014-11-17T11:19:59+05:30",
    "to":{
      "configViewComponentsTOs":[
        {
          "configViewComponentList":{
            "name":"RS1",
            "configKnob":"real-servers",
            "truncatedName":"RS1",
            "labelAlign":"right",
            "image":"/sgd/ui/web/images/viewconfig/real_server.png",
            "parentPanel":"real-servers",

            "configData":{"id":"592287","createdBy":"super","modifiedBy":"super","createdTime":"1416203399000","modifiedTime":"1416203399000","userOperationType":"null","name":"RS1","description":"null","objectCreateType":"TEMPLATE","type":"IPv4","address":"10.2.2.21","realServerHealthCheck":{"id":"592286","createdBy":"super","modifiedBy":"super","createdTime":"1416203399000","modifiedTime":"1416203399000","userOperationType":"null","name":"RS1","description":"null","objectCreateType":"null","failureRetries":1,"healthCheckInterval":0,"recoveryRetries":1,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$_javassist_494:592286"},"realServerType":"ADC","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:592287"},"description":""},
            "name":"Real Servers",
            "type":"ADC_REAL_SERVERS",
            "permissionType":"EDITABLE",
            "description":"Configure application servers"
          },
          {
            "configViewComponentList":{
              "name":22,
              "configKnob":"health-check-source",
              "truncatedName":22,
              "labelAlign":"right",
              "image":"/sgd/ui/web/images/viewconfig/health_check.png",
              "parentPanel":"health-check-source",

              "configData":{"id":"592283","createdBy":"super","modifiedBy":"super","createdTime":"1416203399000","modifiedTime":"1416203399000","userOperationType":"null","name":"22","description":"null","objectCreateType":"TEMPLATE","units":{"id":"592284","createdBy":"super","modifiedBy":"super","createdTime":"1416203399000","modifiedTime":"1416203399000","userOperationType":"null","name":"","type":"IPv4-Name","description":"null","objectCreateType":"null","type":"IPv4","address":"10.3.33.3","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitEntity:592284"},"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:592283"},"description":""},
            }
          }
        ]
      }
    }
  }
}
```

```

    "name": "Health Check Sources",
    "type": "ADC_HEALTH_CHECK_SOURCES",
    "permissionType": "EDITABLE",
    "description": "Configure IP address to send the health checks to real servers"
  },
  {
    "configViewComponentList": {
      "name": "Script1",
      "configKnob": "custom-health-check",
      "truncatedName": "Script1",
      "labelAlign": "right",
      "image": "\sgd\ui\web\images\viewconfig\custom_health_check.png",

      "parentPanel": "custom-health-check",

      "configData": "{ \"id\": 592281, \"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\": 1416203399000, \"modifiedTime\": 1416203399000, \"userOperationType\": null, \"name\": \"Script1\", \"description\": null, \"objectCreateType\": \"TEMPLATE\", \"commandType\": \"UDP\", \"commandName\": \"T\", \"commands\": [{ \"id\": 592282, \"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\": 1416203399000, \"modifiedTime\": 1416203399000, \"userOperationType\": null, \"name\": \"T\", \"description\": null, \"objectCreateType\": null, \"commandType\": \"OPEN\", \"value\": \"1248\", \"wait\": null, \"offset\": null, \"depth\": null, \"moid\": \"netjuniperjmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:592282\" }], \"moid\": \"netjuniperjmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:592281\" }",
      "description": ""
    },
    "name": "Custom Health Checks",
    "type": "ADC_CUSTOM_HEALTH_CHECKS",
    "permissionType": "EDITABLE",
    "description": "Configure script based health check for a group"
  },
  {
    "configViewComponentList": {
      "name": "G1",
      "configKnob": "server-groups",
      "truncatedName": "G1",
      "labelAlign": "right",
      "image": "\sgd\ui\web\images\viewconfig\server_group.png",
      "parentPanel": "server-groups",

      "configData": "{ \"id\": 592285, \"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\": 1416203399000, \"modifiedTime\": 1416203399000, \"userOperationType\": null, \"name\": \"G1\", \"description\": null, \"objectCreateType\": \"TEMPLATE\", \"realServers\": [ \"RST\" ], \"unitHealthCheck\": \"22\", \"loadBalanceMethod\": \"ROUND_ROBIN\", \"healthCheck\": false, \"groupHealthCheck\": null, \"moid\": \"netjuniperjmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:592285\" }",
      "description": ""
    },
    "name": "Server Groups",
    "type": "ADC_SERVER_GROUPS",
    "permissionType": "EDITABLE",
    "description": "Associate multiple servers with same content type to one group"
  },
  {
    "configViewComponentList": {
      "name": "VS1",

```

```

        "configKnob": "virtual-servers",
        "truncatedName": "VS1",
        "labelAlign": "right",
        "image": "\sgdui\web\images\viewconfig\virtual_server.png",
        "parentPanel": "virtual-servers",

        "configData": "{\id\":592289,\createdBy\":super,\modifiedBy\":super,\createdTime\":1416203399000,\modifiedTime\":1416203399000,\userOperationType\":null,\name\":VST,\description\":VS1
        Desc\":\objectCreateType\":TEMPLATE,\address\":10.4.4.4,\type\":IPv4,\virtualServices\":[{\id\":592290,\createdBy\":super,\modifiedBy\":super,\createdTime\":1416203399000,\modifiedTime\":1416203399000,\userOperationType\":null,\name\":VSvc,\description\":null,\objectCreateType\":null,\group\":GN,\type\":DNS,\protocol\":UDP,\serviceTimeout\":2,\port\":null,\serverListeningPort\":2,\fastLoadBalancing\":true,\perPacketLoadBalancing\":true,\sendTrafficToVIP\":true,\moid\":netjuniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:592290}],\moid\":netjuniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:592289}",
        "description": ""
    },
    {
        "name": "Virtual Servers",
        "type": "ADC_VIRTUAL_SERVERS",
        "permissionType": "EDITABLE",
        "description": "Create Virtual IP address to accept client requests"
    },
    {
        "configViewComponentList": [
            {
                "name": "SGI-PRIVATE",
                "configKnob": "client-side-vrf",
                "truncatedName": "SGI-PRIV..",
                "labelAlign": "right",
                "image": "\sgdui\web\images\viewconfig\client_facing.png",
                "parentPanel": "client-side-vrf",
                "type": "ROUTINGINSTANCES",

                "configData": "{\id\":null,\createdBy\":null,\modifiedBy\":null,\createdTime\":null,\modifiedTime\":null,\userOperationType\":null,\name\":SGI-PRIVATE,\description\":null,\objectCreateType\":null,\moid\":null}",
                "description": ""
            },
            {
                "name": "irb.411",
                "configKnob": "client-facing-interfaces",
                "truncatedName": "irb.411",
                "labelAlign": "bottom",
                "image": "\sgdui\web\images\viewconfig\IRB_interface.png",
                "parentPanel": "client-facing-interfaces",
                "type": "INTERFACES",

                "configData": "{\id\":null,\createdBy\":null,\modifiedBy\":null,\createdTime\":null,\modifiedTime\":null,\userOperationType\":null,\name\":irb.411,\description\":null,\objectCreateType\":null,\interfaceName\":null,\unitNames\":null,\moid\":null}",
                "description": ""
            },
            {
                "name": "irb.400",

```

```

        "configKnob": "client-facing-interfaces",
        "truncatedName": "irb.400",
        "labelAlign": "bottom",
        "image": "\sgd\ui\web\images\viewconfig\IRB_interface.png",
        "parentPanel": "client-facing-interfaces",
        "type": "INTERFACES",

        "configData": {
            "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "irb.400", "description": null, "objectCreateType": null, "interfaceName": null, "unitNames": null, "moid": null, "description": ""
        },
        "name": "Client Facing",
        "type": "ADC_CLIENT_FACING",
        "permissionType": "DEVICE_SPECIFIC",
        "description": "Create interface to receive client traffic"
    },
    {
        "configViewComponentList": {
            "name": "ms-0\0\0",
            "configKnob": "ms-interfaces",
            "truncatedName": "ms-0\0\0",
            "labelAlign": "right",
            "image": "\sgd\ui\web\images\viewconfig\service_pic.png",
            "parentPanel": "ms-interfaces",

            "configData": {
                "id": 592288, "createdBy": "super", "modifiedBy": "super", "createdTime": 1416203399000, "modifiedTime": 1416203399000, "userOperationType": null, "name": "ms-0\0\0", "description": null, "objectCreateType": null, "interfaceName": null, "unitNames": null, "moid": "net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:592288", "description": ""
            },
            "name": "Service Pic",
            "type": "ADC_SERVICE_INTERFACES",
            "permissionType": "DEVICE_SPECIFIC",
            "description": "Select MS interface for hosting the service"
        },
        {
            "configViewComponentList": [
                {
                    "name": "SGI-PUBLIC",
                    "configKnob": "server-side-vrf",
                    "truncatedName": "SGI-PUBL..",
                    "labelAlign": "right",
                    "image": "\sgd\ui\web\images\viewconfig\server_facing.png",
                    "parentPanel": "server-side-vrf",
                    "type": "ROUTINGINSTANCES",

                    "configData": {
                        "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "SGI-PUBLIC", "description": null, "objectCreateType": null, "moid": null, "description": ""
                    },
                }
            ]
        }
    }

```

```

        "name": "irb.800",
        "configKnob": "service-facing-interfaces",
        "truncatedName": "irb.800",
        "labelAlign": "right",
        "image": "\\sgd\\ui\\web\\images\\viewconfig\\IRB_interface.png",
        "parentPanel": "service-facing-interfaces",
        "type": "INTERFACES",

        "configData": "{ \"id\": null, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": null, \"name\": \"irb.800\", \"description\": null, \"objectCreateType\": null, \"interfaceName\": null, \"unitNames\": null, \"moid\": null }",
        "description": ""
    },
    {
        "name": "irb.410",
        "configKnob": "service-facing-interfaces",
        "truncatedName": "irb.410",
        "labelAlign": "right",
        "image": "\\sgd\\ui\\web\\images\\viewconfig\\IRB_interface.png",
        "parentPanel": "service-facing-interfaces",
        "type": "INTERFACES",

        "configData": "{ \"id\": null, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": null, \"name\": \"irb.410\", \"description\": null, \"objectCreateType\": null, \"interfaceName\": null, \"unitNames\": null, \"moid\": null }",
        "description": ""
    }
],
"name": "Server Facing",
"type": "ADC_SERVER_FACING",
"permissionType": "DEVICE_SPECIFIC",
"description": "Create interface to connect application servers"
}
],
"noOfPanels": 10
},
"serviceType": "ADC",
"serviceInstanceName": "lb1",
"name": "TEST_TEMPLATE",
"description": "TEST_TEMPLATE DESC NEW",
"status": "PUBLISHED",
"uiPermissionMap": {
    "entry": [
        {
            "key": "ADC_CLIENT_FACING",
            "value": "DEVICE_SPECIFIC"
        },
        {
            "key": "ADC_VIRTUAL_SERVERS",
            "value": "EDITABLE"
        },
        {
            "key": "ADC_SERVER_FACING",
            "value": "DEVICE_SPECIFIC"
        }
    ]
}

```

```

        "key": "ADC_HEALTH_CHECK_SOURCES",
        "value": "EDITABLE"
    },
    {
        "key": "ADC_SERVICE_INTERFACES",
        "value": "DEVICE_SPECIFIC"
    },
    {
        "key": "ADC_SERVER_GROUPS",
        "value": "EDITABLE"
    },
    {
        "key": "ADC_REAL_SERVERS",
        "value": "EDITABLE"
    },
    {
        "key": "ADC_CUSTOM_HEALTH_CHECKS",
        "value": "EDITABLE"
    }
]
}
}
}

```

Get All Published TLB Templates

This request is used to retrieve all the published TLB service templates.

URI	/api/sgd/configmanager/servicetemplate/ getallpublishedservicetemplatesbytype/TLB
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getallpublishedservicetemplatesbytype.TLB +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the published TLB templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the published TLB service templates by types

Output

Sample JSON Output

```

{ "response": { "data": { "MOID":
"net.juniper.jmp.sgd.configmanager.template.jpa.TLBTemplateEntity:592297",
"createdBy": "super",

```

```

    "createdTime" : "2014-11-17T11:26:35+05:30",
    "description" : "TEST_TEMPLATE DESC NEW",
    "id" : 592297,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-17T11:29:24+05:30",
    "name" : "TEST_TEMPLATE",
    "status" : "PUBLISHED"
  },
  "schemaName" : "SGDServiceTemplateTO",
  "success" : true,
  "totalRows" : 0
} }

```

Get All TLB Template Structures By Type

This request is used to retrieve all the configured TLB service template structures by their types. The configuration details are displayed in property view and configuration view. The property view is useful if you want a GUI, tree-based structure of display. In this view, you can drill-down the tree and view data about each of the service attributes. Property view is simple view of configuration as key value pair. The dynamic fields in form view are defined using parameters. The configuration view is beneficial if you are familiar with the CLI interface structure and want to view service attributes in the form of configuration stanzas and hierarchy levels.

URI	/api/sgd/configmanager/servicetemplate/ getservicetemplatestruturebytype/TLB ?osVersion={osVersion(12.1/14.1)}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getservicetemplatestruturebytype.TLB ?osVersion={osVersion(12.1/14.1)} +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured TLB template structures by type

Response Status Code

Message	Description
200 OK	Successful collection of the TLB service template structures by types

Output

Sample JSON Output

```

{ "response" : { "serviceInstanceName" : "",
  "serviceType" : "TLB",
  "to" : { "configViewComponentsTOs" : [ { "description" : "Configure application
servers",

```

```

        "name" : "Real Servers",
        "permissionType" : "EDITABLE",
        "type" : "TLB_REAL_SERVERS"
    },
    { "description" : "Configure Health check protocol",
      "name" : "Network Monitoring Profiles",
      "permissionType" : "EDITABLE",
      "type" : "TLB_NETWORK_MONITORING"
    },
    { "description" : "Associate multiple servers with same content to one group",
      "name" : "Server Groups",
      "permissionType" : "EDITABLE",
      "type" : "TLB_SERVER_GROUPS"
    },
    { "description" : "Create Virtual IP address to accept client requests",
      "name" : "Virtual Services",
      "permissionType" : "EDITABLE",
      "type" : "TLB_VIRTUAL_SERVERS"
    },
    { "description" : "Select MS interface for hosting the service",
      "name" : "Service Pics",
      "permissionType" : "DEVICE_SPECIFIC",
      "type" : "TLB_SERVICE_INTERFACES"
    }
  ],
  "noOfPanels" : 10
}
}}
```

Create SFW Templates

This request is used to create a SFW service template.

URI	/api/sgd/configmanager/servicetemplate/ createsfwservicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.createsfwservicetemplate +json;version=1;charset=UTF-8
Consumes	None
Produces	Creates a SFW service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

```

Sample JSON Input      { "applicationSets" : [ { "applications" : [ "junos-sip",
                        "junos-dns-tcp",
                        "junos-dns-udp",
                        "junos-ftp",
                        "junos-http",
                        "junos-https",
                        "junos-rtsp",
                        "junos-pptp",
                        "junos-tftp",
                        "P2P_ID-CDX",
                        "P2P_ID-CommNAT",
                        "P2P_Data-Exch",
                        "Yahoo_Push",
                        "Mobile_Me",
                        "ANDROID_NOTIF",
                        "TCP-ALL",
                        "UDP-ALL",
                        "cust-junos-rtsp"
                        ],
                        "createdBy" : "super",
                        "createdTime" : 1416206303000,
                        "defaultApplicationSet" : false,
                        "description" : null,
                        "id" : 592736,
                        "modifiedBy" : "super",
                        "modifiedTime" : 1416206303000,
                        "moid" :
                        "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:592736",

                        "name" : "SDG-APPS",
                        "objectCreateType" : "TEMPLATE",
                        "userOperationType" : null
                        } ],
      "applications" : [ { "applicationProtocol" : "SHELL",
                        "createdBy" : null,
                        "createdTime" : 1416196136000,
                        "defaultApplication" : true,
                        "description" : null,
                        "destinationPort" : { "createdBy" : null,
                        "createdTime" : 1416196136000,
                        "description" : null,
                        "hiPort" : null,
                        "id" : 589841,
                        "lowPort" : null,
                        "modifiedBy" : null,
                        "modifiedTime" : 1416196136000,
                        "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:589841",

                        "name" : "514",
                        "objectCreateType" : null,
                        "portNo" : 514,
                        "portType" : "SINGLE",
                        "userOperationType" : null
                        },

```

```
"icmpType" : null,
"id" : 589840,
"inactivityTimeout" : null,
"modifiedBy" : null,
"modifiedTime" : 1416196136000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.common.ApplicationEntity:589840",
"name" : "junos-rsh",
"objectCreateType" : "TEMPLATE",
"protocol" : "TCP",
"sourcePort" : null,
"userOperationType" : null
} ],
"description" : "TEST_TEMPLATE DESC",
"name" : "TEST_TEMPLATE",
"objectBuilderImportComponentListMap" : { "APPLICATIONS" : [ "junos-rsh" ],
"APPLICATION_SETS" : [ "SDG-APPS" ],
"SFW_RULES" : [ "sfw-policy-abc1" ]
},
"serviceSets" : [ { "insideServiceInterface" : "sp-1/0/0.0",
"name" : "Set1",
"objectCreateType" : "TEMPLATE",
"outsideServiceInterface" : "sp-1/0/0.100",
"replicateServices" : { "name" : "RepService",
"nat" : false,
"statefulFirewall" : false
},
"sfwRuleSets" : [ "dsdsd" ],
"sfwRules" : [ "sfw-policy-abc1" ],
"sysLogName" : ""
} ],
"sfwRuleSets" : [ { "name" : "dsdsd",
"objectCreateType" : "TEMPLATE",
"sfwRules" : [ "sfw-policy-abc1" ]
} ],
"sfwRules" : [ { "configEditStatus" : null,
"createdBy" : "super",
"createdTime" : 1416206310000,
"description" : null,
"hostName" : null,
"hostNames" : null,
"id" : 593378,
"idString" : null,
"locked" : false,
"lockedAt" : null,
"lockedBy" : null,
"matchDirection" : "INPUT",
"modifiedBy" : "super",
"modifiedTime" : 1416206310000,
"moid" : "net.juniper.jmp.sgd.configmanager.config.jpaa.sfw.SFWRuleEntity:593378",
"name" : "sfw-policy-abc1",
"objectCreateType" : "TEMPLATE",
"ruleSets" : null,
"sdgName" : null,
"serviceSets" : null,
```

```

"sfwTerms" : [ { "applicationSets" : [ "APP_ABC",
    "SDG-APPS",
    "APP_SET_ABC"
  ],
  "applications" : [ "TCLos-bgp" ],
  "createdBy" : "super",
  "createdTime" : 1416206310000,
  "description" : null,
  "destPortEndVal" : 199,
  "destPortStartVal" : 100,
  "destinationAddresses" : [ { "addressType" : "GROUP",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206310000,
    "description" : null,
    "groups" : null,
    "hilp" : null,
    "id" : 593380,
    "ipAddress" : null,
    "ipFamily" : null,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowip" : null,
    "members" : [ "10.1.1.1/32",
      "10.1.1.11/32",
      "10.1.1.12/32"
    ],
    "modifiedBy" : "super",
    "modifiedTime" : 1416206310000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593380",
    "name" : "add_abc_group1",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
  } ],
  "hostName" : null,
  "id" : 593379,
  "modifiedBy" : "super",
  "modifiedTime" : 1416206310000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:593379",
  "name" : "term-t1",
  "objectCreateType" : null,
  "outcome" : "ACCEPT",
  "ruleId" : null,
  "sourceAddresses" : [ { "addressType" : "HOST",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206310000,
    "description" : null,
    "groups" : null,
    "hilp" : null,
    "id" : 593384,
    "ipAddress" : "10.8.8.10",

```

```
        "ipFamily" : "IPv4",
        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "lowIp" : null,
        "members" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206310000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593384",
        "name" : "10.8.8.10/32",
        "netmask" : 32,
        "objectCreateType" : null,
        "userOperationType" : null
    },
    { "addressType" : "GROUP",
      "configEditStatus" : null,
      "createdBy" : "super",
      "createdTime" : 1416206310000,
      "description" : null,
      "groups" : null,
      "hilp" : null,
      "id" : 593385,
      "ipAddress" : null,
      "ipFamily" : null,
      "locked" : false,
      "lockedAt" : null,
      "lockedBy" : null,
      "lowIp" : null,
      "members" : [ "10.1.1.6/32",
                    "10.165.49.208/28",
                    "10.165.58.128/25",
                    "10.2.1.3/32"
                  ],
      "modifiedBy" : "super",
      "modifiedTime" : 1416206310000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593385",
      "name" : "abcd",
      "netmask" : 0,
      "objectCreateType" : null,
      "userOperationType" : null
    }
  ],
  "userOperationType" : null
} ],
"userOperationType" : null
} ],
"status" : "PUBLISHED",
"syslogs" : [ { "facilityOverride" : "AUTHORIZATION",
  "ipAddress" : "SYSLOG1",
  "logPrefix" : "2",
  "name" : "SYSLOG1",
  "objectCreateType" : "TEMPLATE",
  "port" : "2",
  "sessionLogsClose" : false,
```

```

        "sessionLogsOpen" : false,
        "syslogClassType" : [ "SESSION_LOGS" ],
        "syslogServiceType" : "ALERT"
    } ],
    "uiPermissionMap" : { "APPLICATIONS" : "EDITABLE",
        "APPLICATION_SETS" : "EDITABLE",
        "SERVICE_SETS" : "DEVICE_SPECIFIC",
        "SFW_RULES" : "EDITABLE",
        "SFW_RULE_SETS" : "EDITABLE",
        "SYSLOGS" : "EDITABLE"
    }
}

```

Import SFW Templates

This request is used to import an SFW service template.

URI	/api/sgd/configmanager/servicetemplate/ prepareservicestructurefromhost?osVersion=14.1
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.prepareservicestructurefromhost ?osVersion=14.1 +json;version=1;charset=UTF-8
Consumes	None
Produces	Imports an SFW service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "serviceTemplateInput" : { "deviceId" : "131093",
    "instanceName" : "IPv6-SFW",
    "serviceType" : "SFW"
  } }

```

Modify SFW Templates

This request is used to modify an SFW service template.

URI	/api/sgd/configmanager/servicetemplate/ modifysfwservicetemplate
-----	---

HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.modifysfwservicetemplate+json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies an SFW service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "applicationSets" : [ { "applications" : [ "junos-sip",
    "junos-dns-tcp",
    "junos-dns-udp",
    "junos-ftp",
    "junos-http",
    "junos-https",
    "junos-rtsp",
    "junos-pptp",
    "junos-tftp",
    "P2P_ID-CDX",
    "P2P_ID-CommNAT",
    "P2P_Data-Exch",
    "Yahoo_Push",
    "Mobile_Me",
    "ANDROID_NOTIF",
    "TCP-ALL",
    "UDP-ALL",
    "cust-junos-rtsp"
  ],
  "createdBy" : "super",
  "createdTime" : 1416206831000,
  "defaultApplicationSet" : false,
  "description" : null,
  "id" : 593515,
  "modifiedBy" : "super",
  "modifiedTime" : 1416206831000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:593515",
  "name" : "SDG-APPS",
  "objectCreateType" : "TEMPLATE",
  "userOperationType" : null
} ],
"applications" : [ { "applicationProtocol" : "SHELL",
  "createdBy" : "super",
```

```

    "createdTime" : 1416206831000,
    "defaultApplication" : true,
    "description" : null,
    "destinationPort" : { "createdBy" : "super",
        "createdTime" : 1416206831000,
        "description" : null,
        "hiPort" : null,
        "id" : 593534,
        "lowPort" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206831000,
        "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:593534",

        "name" : "514",
        "objectCreateType" : null,
        "portNo" : 514,
        "portType" : "SINGLE",
        "userOperationType" : null
    },
    "icmpType" : null,
    "id" : 593535,
    "inactivityTimeout" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206831000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:593535",
    "name" : "junos-rsh",
    "objectCreateType" : "TEMPLATE",
    "protocol" : "TCP",
    "sourcePort" : null,
    "userOperationType" : null
    } ],
    "description" : "TEST_TEMPLATE DESC NEW",
    "name" : "TEST_TEMPLATE",
    "objectBuilderImportComponentListMap" : { },
    "serviceSets" : [ { "configEditStatus" : null,
        "createdBy" : "super",
        "createdTime" : 1416206831000,
        "description" : null,
        "id" : 593537,
        "insideServiceInterface" : "sp-1/0/0.0",
        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206831000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:593537",
        "name" : "Set1",
        "natRuleSets" : null,
        "natRules" : null,
        "objectCreateType" : "TEMPLATE",
        "outsideServiceInterface" : "sp-1/0/0.100",
        "replicateServices" : { "createdBy" : null,
            "createdTime" : null,
            "description" : null,

```

```
"id" : null,
"modifiedBy" : null,
"modifiedTime" : null,
"moid" : null,
"name" : null,
"nat" : false,
"objectCreateType" : null,
"replicationThreshold" : null,
"statefulFirewall" : false,
"userOperationType" : null
},
"sfwRuleSets" : [ "dsdsd" ],
"sfwRules" : [ "sfw-policy-abc1" ],
"sysLogName" : null,
"syslogConfig" : null,
"userOperationType" : null
} ],
"sfwRuleSets" : [ { "configEditStatus" : null,
"createdBy" : "super",
"createdTime" : 1416206831000,
"description" : null,
"id" : 593538,
"locked" : false,
"lockedAt" : null,
"lockedBy" : null,
"modifiedBy" : "super",
"modifiedTime" : 1416206831000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:593538",
"name" : "dsdsd",
"objectCreateType" : "TEMPLATE",
"sfwRules" : [ "sfw-policy-abc1" ],
"userOperationType" : null
} ],
"sfwRules" : [ { "configEditStatus" : null,
"createdBy" : "super",
"createdTime" : 1416206831000,
"description" : null,
"hostName" : null,
"hostNames" : null,
"id" : 593539,
"idString" : null,
"locked" : false,
"lockedAt" : null,
"lockedBy" : null,
"matchDirection" : "INPUT",
"modifiedBy" : "super",
"modifiedTime" : 1416206831000,
"moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:593539",
"name" : "sfw-policy-abc1",
"objectCreateType" : "TEMPLATE",
"ruleSets" : null,
"sdgName" : null,
"serviceSets" : null,
"sfwTerms" : [ { "applicationSets" : [ "APP_ABC",
```



```

        "SDG-APPS",
        "APP_SET_ABC"
    ],
    "applications" : [ "TCLos-bgp" ],
    "createdBy" : "super",
    "createdTime" : 1416206831000,
    "description" : null,
    "destPortEndVal" : 199,
    "destPortStartVal" : 100,
    "destinationAddresses" : [ { "addressType" : "GROUP",
        "configEditStatus" : null,
        "createdBy" : "super",
        "createdTime" : 1416206831000,
        "description" : null,
        "groups" : null,
        "hilp" : null,
        "id" : 593541,
        "ipAddress" : null,
        "ipFamily" : null,
        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "lowIp" : null,
        "members" : [ "10.1.1.1/32",
            "10.1.1.11/32",
            "10.1.1.12/32"
        ],
        "modifiedBy" : "super",
        "modifiedTime" : 1416206831000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593541",
        "name" : "add_abc_group1",
        "netmask" : 0,
        "objectCreateType" : null,
        "userOperationType" : null
    } ],
    "hostName" : null,
    "id" : 593540,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206831000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:593540",
    "name" : "term-t1",
    "objectCreateType" : null,
    "outcome" : "ACCEPT",
    "ruleId" : null,
    "sourceAddresses" : [ { "addressType" : "HOST",
        "configEditStatus" : null,
        "createdBy" : "super",
        "createdTime" : 1416206831000,
        "description" : null,
        "groups" : null,
        "hilp" : null,
        "id" : 593545,
        "ipAddress" : "10.8.8.10",
        "ipFamily" : "IPv4",

```

```
        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "lowIp" : null,
        "members" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206831000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593545",
        "name" : "10.8.8.10/32",
        "netmask" : 32,
        "objectCreateType" : null,
        "userOperationType" : null
    },
    { "addressType" : "GROUP",
      "configEditStatus" : null,
      "createdBy" : "super",
      "createdTime" : 1416206831000,
      "description" : null,
      "groups" : null,
      "hiIp" : null,
      "id" : 593546,
      "ipAddress" : null,
      "ipFamily" : null,
      "locked" : false,
      "lockedAt" : null,
      "lockedBy" : null,
      "lowIp" : null,
      "members" : [ "10.1.1.6/32",
                    "10.165.49.208/28",
                    "10.165.58.128/25",
                    "10.2.1.3/32"
                  ],
      "modifiedBy" : "super",
      "modifiedTime" : 1416206831000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593546",
      "name" : "abcd",
      "netmask" : 0,
      "objectCreateType" : null,
      "userOperationType" : null
    }
  ],
  "userOperationType" : null
} ],
"userOperationType" : null
} ],
"status" : "PUBLISHED",
"syslogs" : [ { "facilityOverride" : "AUTHORIZATION",
  "ipAddress" : "SYSLOG1",
  "logPrefix" : "222",
  "name" : "SYSLOG1",
  "objectCreateType" : "TEMPLATE",
  "port" : "2222",
  "sessionLogsClose" : false,
  "sessionLogsOpen" : false,
```

```

        "syslogClassType" : [ "PACKET_LOGS",
                              "STATEFUL_FIREWALL_LOGS",
                              "NAT_LOGS",
                              "ALG_LOGS",
                              "SESSION_LOGS"
        ],
        "syslogServiceType" : "ALERT"
    } ],
    "uiPermissionMap" : { "APPLICATIONS" : "EDITABLE",
                          "APPLICATION_SETS" : "EDITABLE",
                          "SERVICE_SETS" : "DEVICE_SPECIFIC",
                          "SFW_RULES" : "EDITABLE",
                          "SFW_RULE_SETS" : "EDITABLE",
                          "SYSLOGS" : "EDITABLE"
    }
}

```

Delete SFW Templates

This request is used to delete a SFW service template.

URI	/api/sgd/configmanager/servicetemplate/deleteservicetemplatebynames/SFW
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.deleteservicetemplatebynames.SFW+json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes a SFW service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input {"templateNames":["Test_Template"]}

Get All SFW Templates By Type

This request is used to retrieve all the configured SFW service templates by their types.

URI	/api/sgd/configmanager/servicetemplate/getallservicetemplatesbytype/SFW
-----	---

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.getallservicetemplatesbytype.SFW+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured SFW templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the SFW service templates by types

Output**Sample JSON Output**

```
{ "response": { "data" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.template.jpas.FWTemplateEntity:593514",
  "createdBy" : "super",
  "createdTime" : "2014-11-17T12:17:11+05:30",
  "description" : "TEST_TEMPLATE DESC",
  "id" : 593514,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-17T12:17:11+05:30",
  "name" : "TEST_TEMPLATE",
  "status" : "PUBLISHED"
},
"schemaName" : "SGDServiceTemplateTO",
"success" : true,
"totalRows" : 1
} }
```

Get SFW Template Details

This request is used to prepare an SFW service structure from a template.

URI	/api/sgd/configmanager/servicetemplate/ /prepareservicestructurefromtemplate/ TEST_TEMPLATE/SFW
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.prepareservicestructurefromtemplate.TEST_TEMPLATE.SFW+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects an SFW template details

Response Status Code

Message	Description
200 OK	Successful collection of the SFW service template details

Output

Sample JSON Output

```
{
  "response":{
    "id":593514,

    "MOID":"net.juniper.jmp.sgd.configmanager.template.jpa.SFWTemplateEntity:593514",

    "createdBy":"super",
    "modifiedBy":"super",
    "createdTime":"2014-11-17T12:17:11+05:30",
    "modifiedTime":"2014-11-17T12:17:11+05:30",
    "to":{
      "configViewComponentsTOs":[
        {
          "configViewComponentList":{
            "name":"junos-rsh",
            "configKnob":"applications",
            "truncatedName":"junos-rs..",
            "labelAlign":"right",
            "image":"/sgd/ui/web/images/viewconfig/applications.png",
            "parentPanel":"applications",

            "configData":{"id":"593535","createdBy":"super","modifiedBy":"super","createdTime":"1416206831000","modifiedTime":"1416206831000","userOperationType":null,"name":"junos-rsh","description":null,"objectCreateType":null,"protocol":"TCP","applicationProtocol":"SHELL","sourcePort":null,"destinationPort":{"id":"593534","createdBy":"super","modifiedBy":"super","createdTime":"1416206831000","modifiedTime":"1416206831000","userOperationType":null,"name":"514","description":null,"objectCreateType":null,"portNo":"514","hiPort":null,"lowPort":null,"portType":"SINGLE","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:593534"},"inactivityTimeout":null,"icmpType":null,"defaultApplication":true,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:593535"},"description":""
          },
          "name":"Application",
          "type":"APPLICATIONS",
          "permissionType":"EDITABLE",
          "description":"Configure Applications"
        },
        {
          "configViewComponentList":{
            "name":"SDG-APPS",
            "configKnob":"application-sets",
            "truncatedName":"SDG-APPS",
            "labelAlign":"right",
            "image":"/sgd/ui/web/images/viewconfig/app_rule_set.png",
            "parentPanel":"application-sets",

            "configData":{"id":"593515","createdBy":"super","modifiedBy":"super","createdTime":"1416206831000","modifiedTime":"1416206831000","userOperationType":null,"name":"SDG-APPS","description":null,"objectCreateType":null,"protocol":"TCP","applicationProtocol":"SHELL","sourcePort":null,"destinationPort":{"id":"593514","createdBy":"super","modifiedBy":"super","createdTime":"1416206831000","modifiedTime":"1416206831000","userOperationType":null,"name":"514","description":null,"objectCreateType":null,"portNo":"514","hiPort":null,"lowPort":null,"portType":"SINGLE","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:593514"},"inactivityTimeout":null,"icmpType":null,"defaultApplication":true,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:593515"},"description":""
          },
          "name":"Application",
          "type":"APPLICATIONS",
          "permissionType":"EDITABLE",
          "description":"Configure Applications"
        }
      ]
    }
  }
}
```

```

06831000,\"modifiedTime\":1416206831000,\"userOperationType\":null,\"name\":\"SDG-
APPS\",\"description\":null,\"objectCreateType\":null,\"applications\":[\"junos-sip\",\"junos-dns-
tcp\",\"junos-dns-udp\",\"junos-ftp\",\"junos-http\",\"junos-https\",\"junos-rtsp\",\"junos-
pptp\",\"junos-tftp\",\"P2P_ID-CDX\",\"P2P_ID-CommNAT\",\"P2P_Data-
Exch\",\"Yahoo_Push\",\"Mobile_Me\",\"ANDROID_NOTIF\",\"TCP-ALL\",\"UDP-ALL\",\"cust-junos-
rtsp\"],\"defaultApplicationSet\":false,\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpacomm
n.ApplicationSetEntity:593515\"}],
  \"description\":\"\"
},
{
  \"name\":\"Application Sets\",
  \"type\":\"APPLICATION_SETS\",
  \"permissionType\":\"EDITABLE\",
  \"description\":\"Configure Group of Applications to form application-set\"
},
{
  \"configViewComponentList\":{
    \"name\":\"SYSLOG1\",
    \"configKnob\":\"syslogs\",
    \"truncatedName\":\"SYSLOG1\",
    \"labelAlign\":\"right\",
    \"image\":\"/sgd/ui/web/images/viewconfig/sys_log.png\",
    \"parentPanel\":\"syslogs\",

\"configData\":{\"id\":\"593551\",\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createdTime\":null,\"
modifiedTime\":null,\"userOperationType\":null,\"name\":\"SYSLOG1\",\"description\":null,\"objectCre
ateType\":null,\"ipAddress\":\"SYSLOG1\",\"facilityOverride\":\"AUTHORIZATION\",\"logPrefix\":\"2\",
\"syslogServiceType\":\"ALERT\",\"syslogClassType\":[\"SESSION_LOGS\"],\"sessionLogsOpen\":false,\"s
essionLogsClose\":false,\"port\":2,\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpaserviceset.S
yslogEntity:593551\"}],
  \"description\":\"\"
},
{
  \"name\":\"Syslogs\",
  \"type\":\"SYSLOGS\",
  \"permissionType\":\"EDITABLE\",
  \"description\":\"Configure Syslog Properties\"
},
{
  \"configViewComponentList\":{
    \"name\":\"sfw-policy-abc1\",
    \"configKnob\":\"statefull-firewall-rules\",
    \"truncatedName\":\"sfw-poli..\",
    \"labelAlign\":\"right\",
    \"image\":\"/sgd/ui/web/images/viewconfig/sfw_rule.png\",
    \"parentPanel\":\"statefull-firewall-rules\",

\"configData\":{\"id\":\"593539\",\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createdTime\":14162
06831000,\"modifiedTime\":1416206831000,\"userOperationType\":null,\"
name\":\"sfw-policy-
abc1\",\"description\":null,\"objectCreateType\":null,\"configEditStatus\":null,\"lockedBy\":null,\"locke
dAt\":null,\"matchDirection\":\"INPUT\",\"sfwTerms\":[\"id\":\"593540\",
\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createdTime\":1416206831000,\"modifiedTime\":1
416206831000,\"userOperationType\":null,\"name\":\"term-t1\",\"description\":null,\"obj
ectCreateType\":null,\"hostName\":null,\"ruleId\":null,\"applicationSets\":[\"APP_ABC\",\"SDG-
APPS\",\"APP_SET_ABC\"],\"applications\":[\"TCLos-bgp\"],\"destinationAddresses\":[\"id\":\"5935
41\",\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createdTime\":1416206831000,\"modifiedTime
\":1416206831000,\"userOperationType\":null,\"name\":\"add_abc_group1\",\"descripti

```

```

on":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"addressType":"GROUP","hilp":null,"lowip":null,"ipAddress":null,"ipFamily":null,"members":["10.1.1.1/32","10.1.1.11/32","10.1.1.12/32"],"groups":null,"netmask":0,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593541"},"sourceAddresses":[{"id":"593545","createdBy":"super","modifiedBy":"super","createdTime":1416206831000,"modifiedTime":1416206831000,"userOperationType":null,"name":"10.8.8.10/32","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"addressType":"HOST","hilp":null,"lowip":null,"ipAddress":"10.8.8.10","ipFamily":"IPv4","members":null,"groups":null,"netmask":32,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593545"},"id":"593546","createdBy":"super","modifiedBy":"super","createdTime":1416206831000,"modifiedTime":1416206831000,"userOperationType":null,"name":"abcd","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"addressType":"GROUP","hilp":null,"lowip":null,"ipAddress":null,"ipFamily":null,"members":["10.1.1.6/32","10.165.49.208/28","10.165.58.128/25","10.2.1.3/32"],"groups":null,"netmask":0,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593546"},"destPortStartVal":100,"destPortEndVal":199,"outcome":"ACCEPT","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:593540"},"sdgName":null,"hostNames":null,"serviceSets":null,"ruleSets":null,"idString":null,"hostName":null,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:593539"},"","description":""},
{
  "name":"SFW Rules",
  "type":"SFW_RULES",
  "permissionType":"EDITABLE",
  "description":"Configure SFW Rule for address translation"
},
{
  "configViewComponentList":{
    "name":"dsdsd",
    "configKnob":"statefull-firewall-rule-sets",
    "truncatedName":"dsdsd",
    "labelAlign":"right",
    "image":"/sgd/ui/web/images/viewconfig/sfw_rule_set.png",
    "parentPanel":"statefull-firewall-rule-sets",

    "configData":{"id":"593538","createdBy":"super","modifiedBy":"super","createdTime":1416206831000,"modifiedTime":1416206831000,"userOperationType":null,"name":"dsdsd","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"sfwRules":["sfw-policy-abc"],"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:593538"},"","description":""},
{
  "name":"SFW Rule Sets",
  "type":"SFW_RULE_SETS",
  "permissionType":"EDITABLE",
  "description":"Configure group of Rules to form Rule-set"
},
{
  "configViewComponentList":{
    "name":"Set1",
    "configKnob":"service-sets",
    "truncatedName":"Set1",
    "labelAlign":"right",

```

```

        "image": "\sgui\web\images\viewconfig\service_set.png",
        "parentPanel": "service-sets",

        "configData": "{\id\":593537,\"createdBy\": \"super\\\", \"modifiedBy\": \"super\\\", \"createdTime\":1416206831000, \"modifiedTime\":1416206831000, \"userOperationType\":null, \"name\": \"Set1\\\", \"description\":null, \"objectCreateType\":null, \"configEditStatus\":null, \"lockedBy\":null, \"lockedAt\":null, \"natRules\":null, \"sfwRules\":[\"sfw-policy-abc1\\\"], \"natRuleSets\":null, \"sfwRuleSets\":[\"dsdsd\\\"], \"insideServiceInterface\": \"sp-1\\0\\0.0\\\", \"outsideServiceInterface\": \"sp-1\\0\\0.100\\\", \"sysLogName\":null, \"syslogConfig\":null, \"replicateServices\":{\id\":null, \"createdBy\":null, \"modifiedBy\":null, \"createdTime\":null, \"modifiedTime\":null, \"userOperationType\":null, \"name\":null, \"description\":null, \"objectCreateType\":null, \"replicationThreshold\":null, \"nat\":false, \"statefulFirewall\":false, \"moid\":null}, \"locked\":false, \"moid\": \"netjuniper.jmp.sgd.configmanager.config.jpa.service.set.ServiceSetEntity:593537\"}",

        "description": ""
    },
    {
        "name": "Service Sets",
        "type": "SERVICE_SETS",
        "permissionType": "DEVICE_SPECIFIC",
        "description": "Configure Service-set to apply Service"
    }
],
    "noOfPanels": 3
},
    "serviceType": "SFW",
    "name": "TEST_TEMPLATE",
    "description": "TEST_TEMPLATE DESC",
    "status": "PUBLISHED",
    "uiPermissionMap": {
        "entry": [
            {
                "key": "SFW_RULE_SETS",
                "value": "EDITABLE"
            },
            {
                "key": "APPLICATIONS",
                "value": "EDITABLE"
            },
            {
                "key": "SERVICE_SETS",
                "value": "DEVICE_SPECIFIC"
            },
            {
                "key": "APPLICATION_SETS",
                "value": "EDITABLE"
            },
            {
                "key": "SFW_RULES",
                "value": "EDITABLE"
            },
            {
                "key": "SYSLOGS",
                "value": "EDITABLE"
            }
        ]
    }
}

```



```
}
}
```

Get All Published SFW Templates

This request is used to retrieve all the published SFW service templates.

URI	/api/sgd/configmanager/servicetemplate/ getallpublishedservicetemplatesbytype/SFW
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getallpublishedservicetemplatesbytype.SFW +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the published SFW templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the published SFW service templates by types

Output

Sample JSON Output

```
{ "response": { "data": { "MOID" :  
  "net.juniper.jmp.sgd.configmanager.template.jp.a.SFWTemplateEntity:593514",  
    "createdBy" : "super",  
    "createdTime" : "2014-11-17T12:17:11+05:30",  
    "description" : "TEST_TEMPLATE DESC NEW",  
    "id" : 593514,  
    "modifiedBy" : "super",  
    "modifiedTime" : "2014-11-17T12:18:58+05:30",  
    "name" : "TEST_TEMPLATE",  
    "status" : "PUBLISHED"  
  },  
  "schemaName" : "SGDServiceTemplateTO",  
  "success" : true,  
  "totalRows" : 0  
} }
```

Get All SFW Template Structures By Type

This request is used to retrieve all the configured SFW service template structures by their types. The configuration details are displayed in property view and configuration view. The property view is useful if you want a GUI, tree-based structure of display. In this view, you can drill-down the tree and view data about each of the service attributes. Property view is simple view of configuration as key value pair. The dynamic fields in form

view are defined using parameters. The configuration view is beneficial if you are familiar with the CLI interface structure and want to view service attributes in the form of configuration stanzas and hierarchy levels.

URI	/api/sgd/configmanager/servicetemplate/ getservicetemplatestruturebytype/SFW ?osVersion={osVersion(12.1/14.1)}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getservicetemplatestruturebytype.SFW ?osVersion={osVersion(12.1/14.1)} +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured SFW template structures by type

Response Status Code

Message	Description
200 OK	Successful collection of the SFW service template structures by types

Output

Sample JSON Output

```
{ "response": { "serviceInstanceName": "",
  "serviceType": "SFW",
  "to": { "configViewComponentsTOs": [ { "description": "Configure Applications",
    "name": "Application",
    "permissionType": "EDITABLE",
    "type": "APPLICATIONS"
  },
  { "description": "Configure Group of Applications to form application-set",
    "name": "Application Sets",
    "permissionType": "EDITABLE",
    "type": "APPLICATION_SETS"
  },
  { "description": "Configure Syslog Properties",
    "name": "Syslogs",
    "permissionType": "EDITABLE",
    "type": "SYSLOGS"
  },
  { "description": "Configure SFW Rule for address translation",
    "name": "SFW Rules",
    "permissionType": "EDITABLE",
    "type": "SFW_RULES"
  },
  { "description": "Configure group of Rules to form Rule-set",
    "name": "SFW Rule Sets",
    "permissionType": "EDITABLE",
```

```

        "type" : "SFW_RULE_SETS"
      },
      { "description" : "Configure Service-set to apply Service",
        "name" : "Service Sets",
        "permissionType" : "DEVICE_SPECIFIC",
        "type" : "SERVICE_SETS"
      }
    ],
    "noOfPanels" : 3
  }
}
}

```

Create CGNAT Templates

This request is used to create a CGNAT service template.

URI	/api/sgd/configmanager/servicetemplate/ createcgnatservicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.createcgnatservicetemplate +json;version=1;charset=UTF-8
Consumes	None
Produces	Creates a CGNAT service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "applicationSets" : [ { "applications" : [ "junos-ftp",
      "junos-tftp",
      "junos-rpc-portmap-tcp",
      "junos-rpc-portmap-udp",
      "junos-snmp-get",
      "junos-snmp-get-next",
      "junos-snmp-response",
      "junos-snmp-trap",
      "junos-rexec",
      "junos-rlogin",
      "junos-rsh",
      "junos-rtsp",
      "junos-citrix-winframe",
      "junos-citrix-winframe-udp",
      "junos-sqlnet",

```

```
"junos-h323",
"junos-iiop-java",
"junos-iiop-orbix",
"junos-realaudio",
"junos-traceroute",
"junos-rpc-services-udp",
"junos-rpc-services-tcp",
"junos-icmp-all",
"junos-netshow",
"junos-netbios-name-udp",
"junos-netbios-datagram",
"junos-dce-rpc-portmap",
"junos-dcerpc-msexchange-directory-rfr",
"junos-dcerpc-msexchange-information-store",
"junos-dcerpc-msexchange-directory-nsp",
"junos-sip"
],
"createdBy" : null,
"createdTime" : 1416196136000,
"defaultApplicationSet" : true,
"description" : null,
"id" : 589980,
"modifiedBy" : null,
"modifiedTime" : 1416196136000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:589980",

"name" : "junos-algs-outbound",
"objectCreateType" : "TEMPLATE",
"userOperationType" : null
} ],
"applications" : [ { "applicationProtocol" : "IP",
"createdBy" : null,
"createdTime" : 1416196136000,
"defaultApplication" : true,
"description" : null,
"destinationPort" : null,
"icmpType" : null,
"id" : 589850,
"inactivityTimeout" : null,
"modifiedBy" : null,
"modifiedTime" : 1416196136000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:589850",
"name" : "junos-ip",
"objectCreateType" : "TEMPLATE",
"protocol" : null,
"sourcePort" : null,
"userOperationType" : null
} ],
"cgnatPools" : [ { "address" : [ { "addressType" : "RANGE",
"configEditStatus" : null,
"createdBy" : "super",
"createdTime" : 1416206309000,
"description" : null,
"groups" : null,
```

```

        "hlp" : "192.168.75.250",
        "id" : 592756,
        "ipAddress" : null,
        "ipFamily" : "IPv4",
        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "lowip" : "192.168.75.0",
        "members" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592756",
        "name" : "192.168.75.0-192.168.75.250",
        "netmask" : 0,
        "objectCreateType" : null,
        "userOperationType" : null
    } ],
    "autoPortAllocation" : { "auto" : true,
        "createdBy" : "super",
        "createdTime" : 1416206309000,
        "description" : null,
        "id" : 592752,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:592752",

        "name" : "napt44-SS1-p1",
        "objectCreateType" : null,
        "randomAllocation" : true,
        "userOperationType" : null
    },
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "id" : 592753,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:592753",
        "name" : "napt44-SS1-p1",
        "objectCreateType" : "TEMPLATE",
        "roundRobin" : true,
        "userOperationType" : null
    } ],
    "cgnatRuleSets" : [ { "cgnatRules" : [ "napt44-SS1-r1" ],
        "name" : "RuleSet",
        "objectCreateType" : "TEMPLATE"
    } ],
    "cgnatRules" : [ { "configEditStatus" : null,
        "createdBy" : "super",

```

```
"createdTime" : 1416206309000,
"description" : null,
"hostName" : null,
"hostNames" : null,
"id" : 592778,
"idString" : null,
"locked" : false,
"lockedAt" : null,
"lockedBy" : null,
"matchDirection" : "INPUT",
"modifiedBy" : "super",
"modifiedTime" : 1416206309000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:592778",
"name" : "napt44-SS1-r1",
"natTerms" : [ { "addressPooling" : "PAIRED",
  "applicationSets" : [ "APP_ABC",
    "APP_SET_ABC"
  ],
  "applications" : [ "test12" ],
  "createdBy" : "super",
  "createdTime" : 1416206309000,
  "description" : null,
  "destPortEndVal" : null,
  "destPortStartVal" : null,
  "destinationAddresses" : [ { "addressType" : "GROUP",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,
    "hiIp" : null,
    "id" : 592780,
    "ipAddress" : null,
    "ipFamily" : null,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : null,
    "members" : [ "10.1.1.1/32",
      "10.1.1.11/32",
      "10.1.1.12/32"
    ],
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592780",
    "name" : "add_abc_group1",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
  } ],
  "destinationPool" : null,
  "hostName" : null,
  "id" : 592779,
  "modifiedBy" : "super",
```

```

        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:592779",
        "name" : "t1",
        "objectCreateType" : null,
        "ruleId" : null,
        "sourceAddresses" : [ { "addressType" : "GROUP",
            "configEditStatus" : null,
            "createdBy" : "super",
            "createdTime" : 1416206309000,
            "description" : null,
            "groups" : null,
            "hiIp" : null,
            "id" : 592784,
            "ipAddress" : null,
            "ipFamily" : null,
            "locked" : false,
            "lockedAt" : null,
            "lockedBy" : null,
            "lowIp" : null,
            "members" : [ "10.1.1.1/32",
                "10.1.1.11/32",
                "10.1.1.12/32"
            ],
            "modifiedBy" : "super",
            "modifiedTime" : 1416206309000,
            "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592784",
            "name" : "add_abc_group1",
            "netmask" : 0,
            "objectCreateType" : null,
            "userOperationType" : null
        } ],
        "sourcePool" : { "address" : [ { "addressType" : "RANGE",
            "configEditStatus" : null,
            "createdBy" : "super",
            "createdTime" : 1416206309000,
            "description" : null,
            "groups" : null,
            "hiIp" : "192.168.75.250",
            "id" : 592756,
            "ipAddress" : null,
            "ipFamily" : "IPv4",
            "locked" : false,
            "lockedAt" : null,
            "lockedBy" : null,
            "lowIp" : "192.168.75.0",
            "members" : null,
            "modifiedBy" : "super",
            "modifiedTime" : 1416206309000,
            "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592756",
            "name" : "192.168.75.0-192.168.75.250",
            "netmask" : 0,
            "objectCreateType" : null,
            "userOperationType" : null
        } ]
    }

```

```
    } ],
    "autoPortAllocation" : { "auto" : true,
        "createdBy" : "super",
        "createdTime" : 1416206309000,
        "description" : null,
        "id" : 592752,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:592752",

        "name" : "napt44-SS1-p1",
        "objectCreateType" : null,
        "randomAllocation" : true,
        "userOperationType" : null
    },
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "id" : 592753,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:592753",
    "name" : "napt44-SS1-p1",
    "objectCreateType" : "OBJECTBUILDER",
    "roundRobin" : true,
    "userOperationType" : null
    },
    "syslog" : false,
    "translationType" : "NAPT_44",
    "userOperationType" : null
    },
    { "addressPooling" : "PAIRED",
        "applicationSets" : [ ],
        "applications" : [ ],
        "createdBy" : "super",
        "createdTime" : 1416206309000,
        "description" : null,
        "destPortEndVal" : null,
        "destPortStartVal" : null,
        "destinationAddresses" : null,
        "destinationPool" : null,
        "hostName" : null,
        "id" : 592788,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:592788",
        "name" : "t2",
        "objectCreateType" : null,
        "ruleId" : null,
```



```

"sourceAddresses" : [ { "addressType" : "HOST",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,
    "hiIp" : null,
    "id" : 592789,
    "ipAddress" : "any-unicast",
    "ipFamily" : "IPv4",
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : null,
    "members" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592789",
    "name" : "any-unicast",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
} ],
"sourcePool" : { "address" : [ { "addressType" : "RANGE",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,
    "hiIp" : "192.168.75.250",
    "id" : 592756,
    "ipAddress" : null,
    "ipFamily" : "IPv4",
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : "192.168.75.0",
    "members" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592756",
    "name" : "192.168.75.0-192.168.75.250",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
} ],
"autoPortAllocation" : { "auto" : true,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "id" : 592752,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :

```

```

"net.juniper.jmp.sgd.configmanager.config.jpacgnat.CGNATAutoPortAllocEntity:592752",
    "name" : "napt44-SS1-p1",
    "objectCreateType" : null,
    "randomAllocation" : true,
    "userOperationType" : null
  },
  "configEditStatus" : null,
  "createdBy" : "super",
  "createdTime" : 1416206309000,
  "description" : null,
  "id" : 592753,
  "locked" : false,
  "lockedAt" : null,
  "lockedBy" : null,
  "modifiedBy" : "super",
  "modifiedTime" : 1416206309000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpacgnat.CGNATPoolEntity:592753",
  "name" : "napt44-SS1-p1",
  "objectCreateType" : "OBJECTBUILDER",
  "roundRobin" : true,
  "userOperationType" : null
},
"syslog" : false,
"translationType" : "NAPT_44",
"userOperationType" : null
}
],
"objectCreateType" : "TEMPLATE",
"ruleSets" : null,
"sdgName" : null,
"serviceSets" : null,
"userOperationType" : null
} ],
"description" : "TEST_TEMPLATE DESC",
"name" : "TEST_TEMPLATE",
"objectBuilderImportComponentListMap" : { "APPLICATIONS" : [ "junos-ip" ],
  "APPLICATION_SETS" : [ "junos-algs-outbound" ],
  "CGNAT_POOLS" : [ "napt44-SS1-p1" ],
  "CGNAT_RULES" : [ "napt44-SS1-r1" ]
},
"serviceSets" : [ { "insideServiceInterface" : "sp-1/0/0.0",
  "name" : "SerS",
  "natRuleSets" : [ "RuleSet" ],
  "natRules" : [ "napt44-SS1-r1" ],
  "objectCreateType" : "TEMPLATE",
  "outsideServiceInterface" : "sp-1/1/0.100",
  "replicateServices" : { "name" : "RepService",
    "nat" : false,
    "statefulFirewall" : false
  },
  },
  "sysLogName" : ""
} ],
"status" : "UNPUBLISHED",
"syslogs" : [ { "facilityOverride" : "AUTHORIZATION",

```

```

        "ipAddress": "Syslog",
        "logPrefix": "1",
        "name": "Syslog",
        "objectCreateType": "TEMPLATE",
        "port": "1",
        "sessionLogsClose": false,
        "sessionLogsOpen": false,
        "syslogClassType": [ "SESSION_LOGS" ],
        "syslogServiceType": "ALERT"
    } ],
    "uiPermissionMap": { "APPLICATIONS": "EDITABLE",
        "APPLICATION_SETS": "EDITABLE",
        "CGNAT_POOLS": "EDITABLE",
        "CGNAT_RULES": "EDITABLE",
        "CGNAT_RULE_SETS": "EDITABLE",
        "SERVICE_SETS": "DEVICE_SPECIFIC",
        "SYSLOGS": "EDITABLE"
    }
}

```

Import CGNAT Templates

This request is used to import a CGNAT service template.

URI	/api/sgd/configmanager/servicetemplate/ preparestructurefromhost?osVersion=14.1
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.preparestructurefromhost ?osVersion=14.1 +json;version=1;charset=UTF-8
Consumes	None
Produces	Imports a CGNAT service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "serviceTemplateInput": { "deviceId": "131093",
    "instanceName": "NAPT44-SS1",
    "serviceType": "CGNAT"
  } }

```

Modify CGNAT Templates

This request is used to modify a CGNAT service template.

URI	/api/sgd/configmanager/servicetemplate/ modifycgnat servicetemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.modifycgnat servicetemplate +json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies a CGNAT service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "applicationSets" : [ { "applications" : [ "junos-ftp",
"junos-tftp",
"junos-rpc-portmap-tcp",
"junos-rpc-portmap-udp",
"junos-snmp-get",
"junos-snmp-get-next",
"junos-snmp-response",
"junos-snmp-trap",
"junos-rexec",
"junos-rlogin",
"junos-rsh",
"junos-rtsp",
"junos-citrix-winframe",
"junos-citrix-winframe-udp",
"junos-sqlnet",
"junos-h323",
"junos-iiop-java",
"junos-iiop-orbix",
"junos-realaudio",
"junos-traceroute",
"junos-rpc-services-udp",
"junos-rpc-services-tcp",
"junos-icmp-all",
"junos-netshow",
"junos-netbios-name-udp",
"junos-netbios-datagram",
"junos-dce-rpc-portmap",
```

```

        "junos-dcerpc-msexchange-directory-rfr",
        "junos-dcerpc-msexchange-information-store",
        "junos-dcerpc-msexchange-directory-nsp",
        "junos-sip"
    ],
    "createdBy" : null,
    "createdTime" : 1416196136000,
    "defaultApplicationSet" : true,
    "description" : null,
    "id" : 589980,
    "modifiedBy" : null,
    "modifiedTime" : 1416196136000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:589980",

    "name" : "junos-algs-outbound",
    "objectCreateType" : "TEMPLATE",
    "userOperationType" : null
  } ],
  "applications" : [ { "applicationProtocol" : "IP",
    "createdBy" : null,
    "createdTime" : 1416196136000,
    "defaultApplication" : true,
    "description" : null,
    "destinationPort" : null,
    "icmpType" : null,
    "id" : 589850,
    "inactivityTimeout" : null,
    "modifiedBy" : null,
    "modifiedTime" : 1416196136000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:589850",
    "name" : "junos-ip",
    "objectCreateType" : "TEMPLATE",
    "protocol" : null,
    "sourcePort" : null,
    "userOperationType" : null
  } ],
  "cgnatPools" : [ { "address" : [ { "addressType" : "RANGE",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,
    "hiIp" : "192.168.75.250",
    "id" : 592756,
    "ipAddress" : null,
    "ipFamily" : "IPv4",
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : "192.168.75.0",
    "members" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :

```

```
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592756",
  "name" : "192.168.75.0-192.168.75.250",
  "netmask" : 0,
  "objectCreateType" : null,
  "userOperationType" : null
} ],
"autoPortAllocation" : { "auto" : true,
  "createdBy" : "super",
  "createdTime" : 1416206309000,
  "description" : null,
  "id" : 592752,
  "modifiedBy" : "super",
  "modifiedTime" : 1416206309000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:592752",

  "name" : "napt44-SS1-p1",
  "objectCreateType" : null,
  "randomAllocation" : true,
  "userOperationType" : null
},
"configEditStatus" : null,
"createdBy" : "super",
"createdTime" : 1416206309000,
"description" : null,
"id" : 592753,
"locked" : false,
"lockedAt" : null,
"lockedBy" : null,
"modifiedBy" : "super",
"modifiedTime" : 1416206309000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:592753",
  "name" : "napt44-SS1-p1",
  "objectCreateType" : "TEMPLATE",
  "roundRobin" : true,
  "userOperationType" : null
} ],
"cgnatRuleSets" : [ { "cgnatRules" : [ "napt44-SS1-r1" ],
  "name" : "RuleSet",
  "objectCreateType" : "TEMPLATE"
} ],
"cgnatRules" : [ { "configEditStatus" : null,
  "createdBy" : "super",
  "createdTime" : 1416206309000,
  "description" : null,
  "hostName" : null,
  "hostNames" : null,
  "id" : 592778,
  "idString" : null,
  "locked" : false,
  "lockedAt" : null,
  "lockedBy" : null,
  "matchDirection" : "INPUT",
  "modifiedBy" : "super",
  "modifiedTime" : 1416206309000,
```

```

    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:592778",
    "name" : "napt44-SS1-r1",
    "natTerms" : [ { "addressPooling" : "PAIRED",
    "applicationSets" : [ "APP_ABC",
    "APP_SET_ABC"
    ],
    "applications" : [ "test12" ],
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "destPortEndVal" : null,
    "destPortStartVal" : null,
    "destinationAddresses" : [ { "addressType" : "GROUP",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,
    "hiIp" : null,
    "id" : 592780,
    "ipAddress" : null,
    "ipFamily" : null,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : null,
    "members" : [ "10.1.1.1/32",
    "10.1.1.11/32",
    "10.1.1.12/32"
    ],
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592780",
    "name" : "add_abc_group1",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
    } ],
    "destinationPool" : null,
    "hostName" : null,
    "id" : 592779,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:592779",
    "name" : "t1",
    "objectCreateType" : null,
    "ruleId" : null,
    "sourceAddresses" : [ { "addressType" : "GROUP",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,

```

```
    "hilp" : null,
    "id" : 592784,
    "ipAddress" : null,
    "ipFamily" : null,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : null,
    "members" : [ "10.1.1.1/32",
                  "10.1.1.11/32",
                  "10.1.1.12/32"
                ],
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592784",
    "name" : "add_abc_group1",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
  } ],
"sourcePool" : { "address" : [ { "addressType" : "RANGE",
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "groups" : null,
    "hilp" : "192.168.75.250",
    "id" : 592756,
    "ipAddress" : null,
    "ipFamily" : "IPv4",
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "lowIp" : "192.168.75.0",
    "members" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592756",
    "name" : "192.168.75.0-192.168.75.250",
    "netmask" : 0,
    "objectCreateType" : null,
    "userOperationType" : null
  } ],
"autoPortAllocation" : { "auto" : true,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "id" : 592752,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:592752",
    "name" : "napt44-SS1-p1",
```



```

        "objectCreateType" : null,
        "randomAllocation" : true,
        "userOperationType" : null
    },
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "id" : 592753,
    "locked" : false,
    "lockedAt" : null,
    "lockedBy" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:592753",
    "name" : "napt44-SS1-p1",
    "objectCreateType" : "OBJECTBUILDER",
    "roundRobin" : true,
    "userOperationType" : null
    },
    "syslog" : false,
    "translationType" : "NAPT_44",
    "userOperationType" : null
    },
    { "addressPooling" : "PAIRED",
    "applicationSets" : [ ],
    "applications" : [ ],
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "destPortEndVal" : null,
    "destPortStartVal" : null,
    "destinationAddresses" : null,
    "destinationPool" : null,
    "hostName" : null,
    "id" : 592788,
    "modifiedBy" : "super",
    "modifiedTime" : 1416206309000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:592788",
    "name" : "t2",
    "objectCreateType" : null,
    "ruleId" : null,
    "sourceAddresses" : [ { "addressType" : "HOST",
        "configEditStatus" : null,
        "createdBy" : "super",
        "createdTime" : 1416206309000,
        "description" : null,
        "groups" : null,
        "hilp" : null,
        "id" : 592789,
        "ipAddress" : "any-unicast",
        "ipFamily" : "IPv4",
        "locked" : false,
        "lockedAt" : null,

```

```
        "lockedBy" : null,
        "lowIp" : null,
        "members" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592789",
        "name" : "any-unicast",
        "netmask" : 0,
        "objectCreateType" : null,
        "userOperationType" : null
    } ],
    "sourcePool" : { "address" : [ { "addressType" : "RANGE",
        "configEditStatus" : null,
        "createdBy" : "super",
        "createdTime" : 1416206309000,
        "description" : null,
        "groups" : null,
        "hiIp" : "192.168.75.250",
        "id" : 592756,
        "ipAddress" : null,
        "ipFamily" : "IPv4",
        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "lowIp" : "192.168.75.0",
        "members" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:592756",
        "name" : "192.168.75.0-192.168.75.250",
        "netmask" : 0,
        "objectCreateType" : null,
        "userOperationType" : null
    } ],
    "autoPortAllocation" : { "auto" : true,
        "createdBy" : "super",
        "createdTime" : 1416206309000,
        "description" : null,
        "id" : 592752,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:592752",
        "name" : "napt44-SS1-p1",
        "objectCreateType" : null,
        "randomAllocation" : true,
        "userOperationType" : null
    },
    "configEditStatus" : null,
    "createdBy" : "super",
    "createdTime" : 1416206309000,
    "description" : null,
    "id" : 592753,
```

```

        "locked" : false,
        "lockedAt" : null,
        "lockedBy" : null,
        "modifiedBy" : "super",
        "modifiedTime" : 1416206309000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpna.cgnat.CGNATPoolEntity:592753",
        "name" : "napt44-SS1-p1",
        "objectCreateType" : "OBJECTBUILDER",
        "roundRobin" : true,
        "userOperationType" : null
    },
    "syslog" : false,
    "translationType" : "NAPT_44",
    "userOperationType" : null
}
],
"objectCreateType" : "TEMPLATE",
"ruleSets" : null,
"sdgName" : null,
"serviceSets" : null,
"userOperationType" : null
} ],
"description" : "TEST_TEMPLATE DESC",
"name" : "TEST_TEMPLATE",
"objectBuilderImportComponentListMap" : { "APPLICATIONS" : [ "junos-ip" ],
"APPLICATION_SETS" : [ "junos-algs-outbound" ],
"CGNAT_POOLS" : [ "napt44-SS1-p1" ],
"CGNAT_RULES" : [ "napt44-SS1-r1" ]
},
"serviceSets" : [ { "insideServiceInterface" : "sp-1/0/0.0",
"name" : "SerS",
"natRuleSets" : [ "RuleSet" ],
"natRules" : [ "napt44-SS1-r1" ],
"objectCreateType" : "TEMPLATE",
"outsideServiceInterface" : "sp-1/1/0.100",
"replicateServices" : { "name" : "RepService",
"nat" : false,
"statefulFirewall" : false
},
"sysLogName" : ""
} ],
"status" : "UNPUBLISHED",
"syslogs" : [ { "facilityOverride" : "AUTHORIZATION",
"ipAddress" : "Syslog",
"logPrefix" : "1",
"name" : "Syslog",
"objectCreateType" : "TEMPLATE",
"port" : "1",
"sessionLogsClose" : false,
"sessionLogsOpen" : false,
"syslogClassType" : [ "SESSION_LOGS" ],
"syslogServiceType" : "ALERT"
} ],
"uiPermissionMap" : { "APPLICATIONS" : "EDITABLE",
"APPLICATION_SETS" : "EDITABLE",

```

```

    "CGNAT_POOLS" : "EDITABLE",
    "CGNAT_RULES" : "EDITABLE",
    "CGNAT_RULE_SETS" : "EDITABLE",
    "SERVICE_SETS" : "DEVICE_SPECIFIC",
    "SYSLOGS" : "EDITABLE"
  }
}

```

Delete CGNAT Templates

This request is used to delete a CGNAT service template.

URI	/api/sgd/configmanager/servicetemplate/ deleteservicetemplatebynames/CGNAT
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.deleteservicetemplatebynames.CGNAT +json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes a CGNAT service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input {"teemplateNames":["Test_Template"]}

Get All CGNAT Templates By Type

This request is used to retrieve all the configured CGNAT service templates by their types.

URI	/api/sgd/configmanager/servicetemplate/ getallservicetemplatesbytype/CGNAT
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getallservicetemplatesbytype.CGNAT +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured CGNAT templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the CGNAT service templates by types

Output**Sample JSON Output**

```
{ "response" : { "data" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.template.jpa.CGNATTemplateEntity:593405",
  "createdBy" : "super",
  "createdTime" : "2014-11-17T12:11:18+05:30",
  "description" : "TEST_TEMPLATE DESC",
  "id" : 593405,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-17T12:11:18+05:30",
  "name" : "TEST_TEMPLATE",
  "status" : "UNPUBLISHED"
},
"schemaName" : "SGDServiceTemplateTO",
"success" : true,
"totalRows" : 1
} }
```

Get CGNAT Template Details

This request is used to prepare a CGNAT service structure from a template.

URI	/api/sgd/configmanager/servicetemplate/ /preparestructurefromtemplate/ TEST_TEMPLATE/CGNAT
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.preparestructurefromtemplate. TEST_TEMPLATE.CGNAT +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects a CGNAT template details

Response Status Code

Message	Description
200 OK	Successful collection of the CGNAT service template details

Output

Sample JSON Output

```
{
  "response":{
    "id":593405,

    "MOID":"net.juniper.jmp.sgd.configmanager.template.jpa.CGNATTemplateEntit
y:593405",
    "createdBy":"super",
    "modifiedBy":"super",
    "createdTime":"2014-11-17T12:11:18+05:30",
    "modifiedTime":"2014-11-17T12:11:18+05:30",
    "to":{
      "configViewComponentsTOs":[
        {
          "configViewComponentList":{
            "name":"junos-ip",
            "configKnob":"applications",
            "truncatedName":"junos-ip",
            "labelAlign":"right",

            "image":"\\sgd\\ui\\web\\images\\viewconfig\\applications.png",
            "parentPanel":"applications",

            "configData":{"id\\":593438,\\createdBy\\":\\super\\",\\modifiedBy\\":\\sup
er\\",\\createdTime\\":1416206478000,\\modifiedTime\\":1416206478000,\\userO
perationType\\":null,\\name\\":\\junos-
ip\\",\\description\\":null,\\objectCreateType\\":null,\\protocol\\":null,\\a
pplicationProtocol\\":\\IP\\",\\sourcePort\\":null,\\destinationPort\\":null,
\\inactivityTimeout\\":null,\\icmpType\\":null,\\defaultApplication\\":true,
\\moid\\":\\net.juniper.jmp.sgd.configmanager.config.jpa.common.Applicatio
nEntity:593438\\"}",
              "description":""
            },
            "name":"Application",
            "type":"APPLICATIONS",
            "permissionType":"EDITABLE",
            "description":"Configure Applications"
          },
          {
            "configViewComponentList":{
              "name":"junos-algs-outbound",
              "configKnob":"application-sets",
              "truncatedName":"junos-al..",
              "labelAlign":"right",

              "image":"\\sgd\\ui\\web\\images\\viewconfig\\app_rule_set.png",
              "parentPanel":"application-sets",

              "configData":{"id\\":593406,\\createdBy\\":\\super\\",\\modifiedBy\\":\\sup
er\\",\\createdTime\\":1416206478000,\\modifiedTime\\":1416206478000,\\userO
perationType\\":null,\\name\\":\\junos-algs-
outbound\\",\\description\\":null,\\objectCreateType\\":null,\\applications\\
":["junos-ftp\\",\\junos-tftp\\",\\junos-rpc-portmap-tcp\\",\\junos-rpc-
portmap-udp\\",\\junos-snmp-get\\",\\junos-snmp-get-next\\",\\junos-snmp-
response\\",\\junos-snmp-trap\\",\\junos-rexec\\",\\junos-rlogin\\",\\junos-
rsh\\",\\junos-rtsp\\",\\junos-citrix-winframe\\",\\junos-citrix-winframe-
udp\\",\\junos-sqlnet\\",\\junos-h323\\",\\junos-iiop-java\\",\\junos-iiop-
```

```

orbix\", \"junos-realaudio\", \"junos-traceroute\", \"junos-rpc-services-
udp\", \"junos-rpc-services-tcp\", \"junos-icmp-all\", \"junos-
netshow\", \"junos-netbios-name-udp\", \"junos-netbios-datagram\", \"junos-
dce-rpc-portmap\", \"junos-dcerpc-msexchange-directory-rfr\", \"junos-
dcerpc-msexchange-information-store\", \"junos-dcerpc-msexchange-
directory-nspl\", \"junos-
sip\"], \"defaultApplicationSet\": true, \"moid\": \"net.juniper.jmp.sgd.conf
igmanager.config.jpa.common.ApplicationSetEntity:593406\"},
    \"description\": \"\"
  },
  \"name\": \"Application Sets\",
  \"type\": \"APPLICATION_SETS\",
  \"permissionType\": \"EDITABLE\",
  \"description\": \"Configure Group of Applications to
form application-set\"
},
{
  \"configViewComponentList\": {
    \"name\": \"Syslog\",
    \"configKnob\": \"syslogs\",
    \"truncatedName\": \"Syslog\",
    \"labelAlign\": \"right\",

\"image\": \"\\sgd\\ui\\web\\images\\viewconfig\\sys_log.png\",
    \"parentPanel\": \"syslogs\",

\"configData\": {\"id\": 593459, \"createdBy\": \"super\", \"modifiedBy\": \"sup
er\", \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": nul
l, \"name\": \"Syslog\", \"description\": null, \"objectCreateType\": null, \"ip
Address\": \"Syslog\", \"facilityOverride\": \"AUTHORIZATION\", \"logPrefix\"
: \"I\", \"syslogServiceType\": \"ALERT\", \"syslogClassType\": [\"SESSION_LOG
S\"], \"sessionLogsOpen\": false, \"sessionLogsClose\": false, \"port\": 1, \"mo
id\": \"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEnti
ty:593459\"},
    \"description\": \"\"
  },
  \"name\": \"Syslogs\",
  \"type\": \"SYSLOGS\",
  \"permissionType\": \"EDITABLE\",
  \"description\": \"Configure Syslog Properties\"
},
{
  \"configViewComponentList\": {
    \"name\": \"napt44-SS1-p1\",
    \"configKnob\": \"nat-pools\",
    \"truncatedName\": \"napt44-S..\",
    \"labelAlign\": \"right\",

\"image\": \"\\sgd\\ui\\web\\images\\viewconfig\\nat_pool_new.png\",
    \"parentPanel\": \"nat-pools\",

\"configData\": {\"id\": 593442, \"createdBy\": \"super\", \"modifiedBy\": \"sup
er\", \"createdTime\": 1416206478000, \"modifiedTime\": 1416206478000, \"userO
perationType\": null, \"name\": \"napt44-SS1-
p1\", \"description\": null, \"objectCreateType\": null, \"configEditStatus\":
null, \"lockedBy\": null, \"lockedAt\": null, \"address\": [{\"id\": 593445, \"cr

```

```

eatedBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\": 141620647800
0, \"modifiedTime\": 1416206478000, \"userOperationType\": null, \"name\": \"19
2.168.75.0-
192.168.75.250\", \"description\": null, \"objectCreateType\": null, \"configE
ditStatus\": null, \"lockedBy\": null, \"lockedAt\": null, \"addressType\": \"RA
NGE\", \"hiIp\": \"192.168.75.250\", \"lowIp\": \"192.168.75.0\", \"ipAddress\
\": null, \"ipFamily\": \"IPv4\", \"members\": null, \"groups\": null, \"netmask\
\": 0, \"locked\": false, \"moid\": \"net.juniper.jmp.sgd.configmanager.config.j
pa.common.AddressEntity:593445\"}], \"autoPortAllocation\": {\"id\": 593441,
\"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\": 14162064
78000, \"modifiedTime\": 1416206478000, \"userOperationType\": null, \"name\":
\"napt44-SS1-
p1\", \"description\": null, \"objectCreateType\": null, \"auto\": true, \"rando
mAllocation\": true, \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jp
a.cgnat.CGNATAutoPortAllocEntity:593441\", \"roundRobin\": true, \"locked\":
false, \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNA
TPoolEntity:593442\"}],
    \"description\": \"
  },
  \"name\": \"NAT Pools\",
  \"type\": \"CGNAT_POOLS\",
  \"permissionType\": \"EDITABLE\",
  \"description\": \"Configure Address Pool Properties\"
},
{
  \"configViewComponentList\": {
    \"name\": \"napt44-SS1-r1\",
    \"configKnob\": \"nat-rules\",
    \"truncatedName\": \"napt44-S..\",
    \"labelAlign\": \"right\",
    \"image\": \"\\sgd\\ui\\web\\images\\viewconfig\\nat_rule.png\",
    \"parentPanel\": \"nat-rules\",

    \"configData\": {\"id\": 593440, \"createdBy\": \"super\", \"modifiedBy\": \"sup
er\", \"createdTime\": 1416206478000, \"modifiedTime\": 1416206478000, \"userO
perationType\": null, \"name\": \"napt44-SS1-
r1\", \"description\": null, \"objectCreateType\": null, \"configEditStatus\":
null, \"lockedBy\": null, \"lockedAt\": null, \"matchDirection\": \"INPUT\", \"n
atTerms\": [{\"id\": 593446, \"createdBy\": \"super\", \"modifiedBy\": \"super\",
\"createdTime\": 1416206478000, \"modifiedTime\": 1416206478000, \"userOper
ationType\": null, \"name\": \"t1\", \"description\": null, \"objectCreateType\
\": null, \"hostName\": null, \"ruleId\": null, \"applicationSets\": [\"APP_ABC\
\", \"APP_SET_ABC\"], \"applications\": [\"test12\"], \"destinationAddresses\
\": [{\"id\": 593447, \"createdBy\": \"super\", \"modifiedBy\": \"super\", \"crea
tedTime\": 1416206478000, \"modifiedTime\": 1416206478000, \"userOperationTyp
e\": null, \"name\": \"add_abc_group1\", \"description\": null, \"objectCreate
Type\": null, \"configEditStatus\": null, \"lockedBy\": null, \"lockedAt\": null
, \"addressType\": \"GROUP\", \"hiIp\": null, \"lowIp\": null, \"ipAddress\": nul
l, \"ipFamily\": null, \"members\": [\"10.1.1.1\\32\", \"10.1.1.1\\32\", \"10.1.1
.12\\32\"], \"groups\": null, \"netmask\": 0, \"locked\": false, \"moid\": \"net.
juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593447\"}],
\"sourceAddresses\": [{\"id\": 593451, \"createdBy\": \"super\", \"modifiedBy\
\": \"super\", \"createdTime\": 1416206478000, \"modifiedTime\": 1416206478000,
\"userOperationType\": null, \"name\": \"add_abc_group1\", \"description\": n
ull, \"objectCreateType\": null, \"configEditStatus\": null, \"lockedBy\": null

```



```
,
"lockedAt":null,"addressType":"GROUP","hlp":null,"lowIp":null,
"ipAddress":null,"ipFamily":null,"members":["10.1.1.1/32","10.1.1.11/32","10.1.1.12/32"],"groups":null,"netmask":0,"locked":false,
"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593451"},
"addressPooling":"PAIRED","sourcePool":{"id":593442,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"napt44-SS1-p1","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"address":{"id":593445,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"192.168.75.0-192.168.75.250","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"addressType":"RANGE","hlp":"192.168.75.250","lowIp":"192.168.75.0","ipAddress":null,"ipFamily":"IPv4","members":null,"groups":null,"netmask":0,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593445"},
"autoPortAllocation":{"id":593441,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"napt44-SS1-p1","description":null,"objectCreateType":null,"auto":true,"randomAllocation":true,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:593441"},
"roundRobin":true,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:593442"},
"destinationPool":null,"translationType":"NAPT_44","syslog":false,"destPortStartVal":null,"destPortEndVal":null,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:593446"},
{"id":593455,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"t2","description":null,"objectCreateType":null,"hostName":null,"ruleId":null,"applicationSets":[],"applications":[],"destinationAddresses":null,"sourceAddresses":{"id":593456,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"any-unicast","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"addressType":"HOST","hlp":null,"lowIp":null,"ipAddress":"any-unicast","ipFamily":"IPv4","members":null,"groups":null,"netmask":0,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:593456"},
"addressPooling":"PAIRED","sourcePool":{"id":593442,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"napt44-SS1-p1","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"address":{"id":593445,"createdBy":"super","modifiedBy":"super","createdTime":1416206478000,"modifiedTime":1416206478000,"userOperationType":null,"name":"192.168.75.0-192.168.75.250","description":null,"objectCreateType":null,"configEditStatus":null,"lockedBy":null,"lockedAt":null,"addressType":"RANGE","hlp":"192.168.75.250","lowIp":"192.168.75.0","ipAddress":null,"ipFamily":"IPv4","members":null,"groups":null,"netmask":0,"locked":false,"moid":"net.juniper.jmp.sgd.configmanager.config.j
```

```

pa.common.AddressEntity:593445\}],\autoPortAllocation\":{"id\":593441,
\createdBy\":"super\","\modifiedBy\":"super\","\createdTime\":14162064
78000,\modifiedTime\":1416206478000,\userOperationType\":null,\name\":
\napt44-SS1-
p1\","\description\":null,\objectCreateType\":null,\auto\":true,\rando
mAllocation\":true,\moid\":"net.juniper.jmp.sgd.configmanager.config.jp
a.cgnat.CGNATAutoPortAllocEntity:593441\}],\roundRobin\":true,\locked\":
false,\moid\":"net.juniper.jmp.sgd.configmanager.config.jp.a.cgnat.CGNA
TPoolEntity:593442\}],\destinationPool\":null,\translationType\":"NAPT
_44\","\syslog\":false,\destPortStartVal\":null,\destPortEndVal\":null,
\moid\":"net.juniper.jmp.sgd.configmanager.config.jp.a.cgnat.CGNATTermEn
tity:593455\}],\sdgName\":null,\hostNames\":null,\hostName\":null,\s
erviceSets\":null,\ruleSets\":null,\idString\":null,\locked\":false,\
moid\":"net.juniper.jmp.sgd.configmanager.config.jp.a.cgnat.CGNATRuleEnti
ty:593440\}]",
      "description":""
    },
    "name":"NAT Rule",
    "type":"CGNAT_RULES",
    "permissionType":"EDITABLE",
    "description":"Configure NAT Rule for address
translation"
  },
  {
    "configViewComponentList":{
      "name":"RuleSet",
      "configKnob":"nat-rule-sets",
      "truncatedName":"RuleSet",
      "labelAlign":"right",

      "image":"\sgd\ui\web\images\viewconfig\nat_rule_set.png",
      "parentPanel":"nat-rule-sets",

      "configData":{"id\":593439,\createdBy\":"super\","\modifiedBy\":"sup
er\","\createdTime\":1416206478000,\modifiedTime\":1416206478000,\userO
perationType\":null,\name\":"RuleSet\","\description\":null,\objectCre
ateType\":null,\configEditStatus\":null,\lockedBy\":null,\lockedAt\":n
ull,\cgnatRules\":["napt44-SS1-
r1\"],\locked\":false,\moid\":"net.juniper.jmp.sgd.configmanager.conf
ig.jp.a.cgnat.CGNATRuleSetEntity:593439\}]",
      "description":""
    },
    "name":"NAT Rule Sets",
    "type":"CGNAT_RULE_SETS",
    "permissionType":"EDITABLE",
    "description":"Configure group of Rules to form Rule-
set"
  },
  {
    "configViewComponentList":{
      "name":"SerS",
      "configKnob":"service-sets",
      "truncatedName":"SerS",
      "labelAlign":"right",

      "image":"\sgd\ui\web\images\viewconfig\service_set.png",

```

```

    "parentPanel": "service-sets",

    "configData": "{ \"id\": 593458, \"createdBy\": \"super\\\", \"modifiedBy\": \"super\\\", \"createdTime\": 1416206478000, \"modifiedTime\": 1416206478000, \"userOperationType\": null, \"name\": \"SerS\\\", \"description\": null, \"objectCreateType\": null, \"configEditStatus\": null, \"lockedBy\": null, \"lockedAt\": null, \"natRules\": [ \"napt44-SS1-r1\" ], \"sfwRules\": null, \"natRuleSets\": [ \"RuleSet\" ], \"sfwRuleSets\": null, \"insideServiceInterface\": \"sp-1\\0\\0.0\\\", \"outsideServiceInterface\": \"sp-1\\1\\0.100\\\", \"sysLogName\": null, \"syslogConfig\": null, \"replicateServices\": { \"id\": null, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": null, \"name\": null, \"description\": null, \"objectCreateType\": null, \"replicationThreshold\": null, \"nat\": false, \"statefulFirewall\": false, \"moid\": null }, \"locked\": false, \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:593458\" }",
    "description": "",
  },
  "name": "Service Sets",
  "type": "SERVICE_SETS",
  "permissionType": "DEVICE_SPECIFIC",
  "description": "Configure Service-set to apply
Service"
}
],
"noOfPanels": 7
},
"serviceType": "CGNAT",
"name": "TEST_TEMPLATE",
"description": "TEST_TEMPLATE DESC",
"status": "UNPUBLISHED",
"uiPermissionMap": {
  "entry": [
    {
      "key": "CGNAT_RULES",
      "value": "EDITABLE"
    },
    {
      "key": "APPLICATIONS",
      "value": "EDITABLE"
    },
    {
      "key": "SERVICE_SETS",
      "value": "DEVICE_SPECIFIC"
    },
    {
      "key": "APPLICATION_SETS",
      "value": "EDITABLE"
    },
    {
      "key": "CGNAT_POOLS",
      "value": "EDITABLE"
    },
    {
      "key": "CGNAT_RULE_SETS",

```

```
        "value": "EDITABLE"
      },
      {
        "key": "SYSLOGS",
        "value": "EDITABLE"
      }
    ]
  }
}
```

Get All Published CGNAT Templates

This request is used to retrieve all the published CGNAT service templates.

URI	/api/sgd/configmanager/servicetemplate/ getallpublishedservicetemplatesbytype/CGNAT
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getallpublishedservicetemplatesbytype.CGNAT +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the published CGNAT templates by type

Response Status Code

Message	Description
200 OK	Successful collection of the published CGNAT service templates by types

Output

Sample JSON Output

```
{ "response": { "data": { "MOID":  
  "net.juniper.jmp.sgd.configmanager.template.jpa.CGNATTemplateEntity:593405",  
  "createdBy": "super",  
  "createdTime": "2014-11-17T12:11:18+05:30",  
  "description": "TEST_TEMPLATE DESC NEW",  
  "id": 593405,  
  "modifiedBy": "super",  
  "modifiedTime": "2014-11-17T12:13:28+05:30",  
  "name": "TEST_TEMPLATE",  
  "status": "PUBLISHED"  
},  
  "schemaName": "SGDServiceTemplateTO",  
  "success": true,  
  "totalRows": 0  
} }
```

Get All CGNAT Template Structures By Type

This request is used to retrieve all the configured CGNAT service template structures by their types. The configuration details are displayed in property view and configuration view. The property view is useful if you want a GUI, tree-based structure of display. In this view, you can drill-down the tree and view data about each of the service attributes. Property view is simple view of configuration as key value pair. The dynamic fields in form view are defined using parameters. The configuration view is beneficial if you are familiar with the CLI interface structure and want to view service attributes in the form of configuration stanzas and hierarchy levels.

URI	/api/sgd/configmanager/servicetemplate/ getservicetemplatestruturebytype/CGNAT ?osVersion={osVersion(12.1/14.1)}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.getservicetemplatestruturebytype.CGNAT ?osVersion={osVersion(12.1/14.1)} +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects all the configured CGNAT template structures by type

Response Status Code

Message	Description
200 OK	Successful collection of the CGNAT service template structures by types

Output

Sample JSON Output

```
{ "response": { "serviceName": "",
  "serviceType": "CGNAT",
  "to": { "configViewComponentsTOs": [ { "description": "Configure Applications",
    "name": "Application",
    "permissionType": "EDITABLE",
    "type": "APPLICATIONS"
  },
  { "description": "Configure Group of Applications to form application-set",
    "name": "Application Sets",
    "permissionType": "EDITABLE",
    "type": "APPLICATION_SETS"
  },
  { "description": "Configure Syslog Properties",
    "name": "Syslogs",
    "permissionType": "EDITABLE",
    "type": "SYSLOGS"
  },
  ]
}
```

```

    { "description" : "Configure Address Pool Properties",
      "name" : "NAT Pools",
      "permissionType" : "EDITABLE",
      "type" : "CGNAT_POOLS"
    },
    { "description" : "Configure NAT Rule for address translation",
      "name" : "NAT Rule",
      "permissionType" : "EDITABLE",
      "type" : "CGNAT_RULES"
    },
    { "description" : "Configure group of Rules to form Rule-set",
      "name" : "NAT Rule Sets",
      "permissionType" : "EDITABLE",
      "type" : "CGNAT_RULE_SETS"
    },
    { "description" : "Configure Service-set to apply Service",
      "name" : "Service Sets",
      "permissionType" : "DEVICE_SPECIFIC",
      "type" : "SERVICE_SETS"
    }
  ],
  "noOfPanels" : 7
}
}}

```

Prepare Service Template Structures From an SDG Host

This request is used to construct the service template structure from the SDG host on which it is defined. The structure or format of a template provides the attributes and settings that are configured for a service on an SDG device.

URI	/api/sgd/configmanager/servicetemplate/ prepareservicestructurefromhost ?osVersion=14.1
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.prepareservicestructurefromhost ?osVersion=14.1 +json;version=1;charset=UTF-8
Consumes	None
Produces	Generates a service template structure for an SDG device

Response Status Code

Message	Description
200 OK	Successful generation of a service template structure

Input

Sample JSON Input

```
{ "serviceTemplateInput" : { "deviceId" : "425995",
  "instanceName" : "lb1",
  "serviceType" : "ADC"
} }
```

Publish Service Templates

This request is used to publish service templates. The designer must publish the service templates to the operator to use in the creation of deployment plans. Published templates are approved and commissioned to the devices.

URI	/api/sgd/configmanager/servicetemplate/ gridContextAction
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.gridContextAction +json;version=1;charset=UTF-8
Consumes	None
Produces	Publishes a service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "templateGridContextAction" : { "contextAction" : "PUBLISH",
  "serviceType" : "ADC",
  "templateNames" : [ "dsds" ]
} }
```

Unpublish Service Templates

This request is used to unpublish service templates. To make a template definition unavailable to operators, you must unpublish it. You must also unpublish a definition before you can modify or delete it. If you unpublish a definition that is already being used as the basis for templates, all templates based on that definition are disabled.

URI	/api/sgd/configmanager/servicetemplate/ gridContextAction
HTTP Method	POST

Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.gridContextAction+json;version=1;charset=UTF-8
Consumes	None
Produces	Unpublishes a service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "templateGridContextAction" : { "contextAction" : "UNPUBLISH",
  "serviceType" : "ADC",
  "templateNames" : [ "dsds" ]
}
```

Clone Service Templates

This request is used to clone service templates. Instead of creating a new template entirely, you can import the parameters defined for a previous service instance and customize only the settings that are necessary. Imported templates are created without any device assigned to them. To use these templates, you must associate a device with the policy. Also, you can either import all of the components of a service or specific components.

URI	/api/sgd/configmanager/servicetemplate/cloneTemplate
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.cloneTemplate+json;version=1;charset=UTF-8
Consumes	None
Produces	Clones a service template

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "cloneTemplateContextAction" : { "existingTemplateName" : "dsds",
  "newTemplateDesc" : "ddsdsdsd",
  "newTemplateName" : "dsdsdsdsd",
  "serviceType" : "ADC"
} }
```

Get Service Template Statistics By Service Type With Publish Status

This request is used to obtain service template statistics based on service type with publish status.

URI	/api/sgd/configmanager/servicetemplate/servicetemplatestatistics
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.configmanager.servicetemplate.servicetemplatestatistics+json;version=1;charset=UTF-8
Consumes	None
Produces	Retrieves the service template statistics based on service type

Response Status Code

Message	Description
200 OK	Successful collection of service template statistics based on the type of service

Output

Sample JSON Output

```
[ { "ServiceTemplateStatisticTO" : { "name" : "ADC",
  "published" : 1,
  "unpublished" : 2
} },
{ "ServiceTemplateStatisticTO" : { "name" : "TLB",
  "published" : 1,
  "unpublished" : 0
} },
{ "ServiceTemplateStatisticTO" : { "name" : "CGNAT",
  "published" : 1,
  "unpublished" : 0
} },
{ "ServiceTemplateStatisticTO" : { "name" : "SFW",
  "published" : 1,
  "unpublished" : 0
} }
]
```


Service Edit RESTful Web Services

- [Service Edit RESTful Web Services on page 201](#)

Service Edit RESTful Web Services

The following operations can be performed using the Edge Services Director Service Edit RESTful Web Services.

Get All ADC Instances Throughout a Network

This request is used to retrieve all the ADC instances in the network

URI	/api/sgd/configmanager/sgdserviceedit/getAllInstances/root?serviceType=ADC&nodeName=All%20Service%20Gateways&isGroup=false&limit=5&page=1&node=root&isRoot=true&instanceName=
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit.servicedetails+json;version="1"
Consumes	None
Produces	Retrieves all ADC service template instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of ADC service instances in the network

Output

Sample JSON Output

[{ "checkBoxShow" : false,
"configEditStatus" : "null",
"count" : "4",
"deviceId" : "131194",
"hostNames" : "10.2.1.76/10.2.2.76/",

```

      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "69832,71147",
      "instanceName" : "lb1",
      "isLocked" : false,
      "sdgHost" : "10.2.1.76-10.2.2.76",
      "text" : "lb1"
    },
    { "checkBoxShow" : false,
      "configEditStatus" : "null",
      "count" : "4",
      "deviceId" : "131184",
      "hostNames" : "mobst480w/",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "67224",
      "instanceName" : "lb1",
      "isLocked" : false,
      "sdgHost" : "MonitoringSDG-Sanity",
      "text" : "lb1"
    },
    { "checkBoxShow" : false,
      "configEditStatus" : "null",
      "count" : "4",
      "deviceId" : "131168",
      "hostNames" : "10.2.2.25/10.2.1.25/",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "65700",
      "instanceName" : "adc_lb",
      "isLocked" : false,
      "sdgHost" : "MonitoringSDG-Trend",
      "text" : "adc_lb"
    }
  ]

```

Get All ADC Instances for SDGs

This request is used to retrieve all the ADC instances for SDGs.

URI	/api/sgd/configmanager/sgdserviceedit/ getAllInstances/root? serviceType=ADC&nodeName=MonitoringSDG-Trend&isGroup=false&limit=5&page=1& node=root&isRoot=true&instanceName=
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Retrieves all ADC service template instances for SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of ADC service instances for SDGs

Output**Sample JSON Output**

```
[ { "checkBoxShow" : false,
  "configEditStatus" : "null",
  "count" : "1",
  "deviceId" : "131168",
  "hostNames" : "10.2.2.25/10.2.1.25/",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "65700",
  "instanceName" : "adc_lb",
  "isLocked" : false,
  "sdgHost" : "MonitoringSDG-Trend",
  "text" : "adc_lb"
} ]
```

Get All ADC Instances for SDG Groups

This request is used to retrieve all the ADC instances for SDG groups.

URI	/api/sgd/configmanager/sgdserviceedit/ getAllInstances/root?serviceType=ADC &nodeName=Default-Group&isGroup=true&limit=5&page=1 &node=root&isRoot=true&instanceName=
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Retrieves all ADC service template instances for SDG groups

Response Status Code

Message	Description
200 OK	Successful retrieval of ADC service instances for SDG groups

Output**Sample JSON Output**

```
[ { "checkBoxShow" : false,
  "configEditStatus" : "null",
  "count" : "4",
  "deviceId" : "131168",
```

```

    "hostNames": "10.2.2.25/10.2.1.25/",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "65700",
    "instanceName": "adc_lb",
    "isLocked": false,
    "sdgHost": "MonitoringSDG-Trend",
    "text": "adc_lb"
  },
  { "checkBoxShow": false,
    "configEditStatus": "null",
    "count": "4",
    "deviceId": "131184",
    "hostNames": "mobst480w/",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67224",
    "instanceName": "lb1",
    "isLocked": false,
    "sdgHost": "MonitoringSDG-Sanity",
    "text": "lb1"
  },
  { "checkBoxShow": false,
    "configEditStatus": "null",
    "count": "4",
    "deviceId": "131194",
    "hostNames": "10.2.1.76/10.2.2.76/",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "69832,71147",
    "instanceName": "lb1",
    "isLocked": false,
    "sdgHost": "10.2.1.76-10.2.2.76",
    "text": "lb1"
  }
]

```

Lock an ADC Instance

This request is used to lock an ADC instance.

URI	/api/sgd/configmanager/sgdserviceedit/lockInstances? serviceType=ADC
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Locks an ADC service template instance

Response Status Code

Message	Description
200 OK	Successful lock of an ADC service instance

Input

Sample JSON Input 65876 (Rule Id to lock)

Output

Sample JSON Output TRUE

Unlock an ADC Instance

This request is used to unlock an ADC instance.

URI	/api/sgd/configmanager/sgdserviceedit/unlockInstances?serviceType=ADC
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.serviceedit.servicedetails+json;version="1"
Consumes	None
Produces	Unlocks an ADC service template instance

Response Status Code

Message	Description
200 OK	Successful unlock of an ADC service instance

Input

Sample JSON Input 65876 (Rule Id to unlock)

Output

Sample JSON Output TRUE

Prepare Service Structure For Editing an ADC Instance

This request is used to prepare a service structure to modify an ADC service instance.

URI	/api/sgd/configmanager/servicetemplate/preparestructurefromhost
HTTP Method	POST

Content-Type	application/vnd.net.juniper.space.servicetemplate.preparestructure+json;version="1"
Consumes	None
Produces	Prepares a service structure for editing ADC instances

Response Status Code

Message	Description
200 OK	Successful construction of a service structure for editing ADC instances

Input

Sample JSON Input

```
{ "serviceTemplateInput" : { "ServiceEdit" : true,
  "configEditStatus" : "UPDATED",
  "count" : "2",
  "deviceId" : "557284",
  "hostIds" : [ "65876",
    "66840"
  ],
  "hostName" : "mcmx240c",
  "hostNames" : "mcmx240a/mcmx240c/",
  "id" : "65876",
  "instanceName" : "lb1",
  "record" : "mcmx240c",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceType" : "ADC"
} }
```

Output

Sample JSON Output

```
{
  "response":{
    "to":{
      "configViewComponentsTOs":[
        {
          "configViewComponentList":[
            {
              "name":"DNS1",
              "configKnob":"real-servers",
              "truncatedName":"DNS1",
              "labelAlign":"right",
              "image":"\\sgd\\ui\\web\\images\\viewconfig\\real_server.png",
              "parentPanel":"real-servers",

              "configData":{"id":"76951","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":"1416462144000","userOperationType":null,"name":"\\DNS1\\","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.50","realServerHealthCheck":{"id":"76950","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":"1416462144000","userOperationType":null,"name":"\\DNS1\\","description":null,"objectCreateType":null,"failureRetries":null,"healthCheckInterval":2,"recoveryRetries":1,"moid":"net.juniper.jmp.sgd.configmanager.config.j
```



```
pa.common.RealServerHealthCheckEntity,$$,javassist_1042:76950"},"realServerType":"ADC","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76951"}],
```

```
    "description":"","
  },
  {
    "name":"DNS2",
    "configKnob":"real-servers",
    "truncatedName":"DNS2",
    "labelAlign":"right",
    "image":"\sgd\ui\web\images\viewconfig\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":"76953","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS2","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.51","realServerHealthCheck":{"id":"76952","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS2","description":null,"objectCreateType":null,"failureRetries":null,"healthCheckInterval":2,"recoveryRetries":1,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity,$$,javassist_1042:76952"},"realServerType":"ADC","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76953"}],
```

```
    "description":"","
  },
  {
    "name":"DNS3",
    "configKnob":"real-servers",
    "truncatedName":"DNS3",
    "labelAlign":"right",
    "image":"\sgd\ui\web\images\viewconfig\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":"76955","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS3","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.52","realServerHealthCheck":{"id":"76954","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS3","description":null,"objectCreateType":null,"failureRetries":null,"healthCheckInterval":2,"recoveryRetries":1,"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity,$$,javassist_1042:76954"},"realServerType":"ADC","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76955"}],
```

```
    "description":"","
  },
  {
    "name":"DNS4",
    "configKnob":"real-servers",
    "truncatedName":"DNS4",
    "labelAlign":"right",
    "image":"\sgd\ui\web\images\viewconfig\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":"76957","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS4","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.53","realServerHealthCheck":{"id":"76956","createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS4","description":null,"objectCreateType":null,"failureRetries":null
```

```
,\healthCheckInterval\":2,\recoveryRetries\":1,\moid\":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity,$$_javassist_1042:76956\","realServerType\":"ADC\","moid\":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76957\"}",
```

```
    "description":""
  },
  {
    "name":"DNS5",
    "configKnob":"real-servers",
    "truncatedName":"DNS5",
    "labelAlign":"right",
    "image":"\sgd\ui\web\images\viewconfig\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":76959,"createdBy":null,"modifiedBy":null,"createTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS5","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.54","realServerHealthCheck":{"id":76958,"createdBy":null,"modifiedBy":null,"createTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS5","description":null,"objectCreateType":null,"failureRetries":null,\healthCheckInterval\":2,\recoveryRetries\":1,\moid\":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity,$$_javassist_1042:76958\","realServerType\":"ADC\","moid\":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76959\"}",
```

```
    "description":""
  },
  {
    "name":"DNS6",
    "configKnob":"real-servers",
    "truncatedName":"DNS6",
    "labelAlign":"right",
    "image":"\sgd\ui\web\images\viewconfig\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":76961,"createdBy":null,"modifiedBy":null,"createTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS6","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.55","realServerHealthCheck":{"id":76960,"createdBy":null,"modifiedBy":null,"createTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS6","description":null,"objectCreateType":null,"failureRetries":null,\healthCheckInterval\":2,\recoveryRetries\":1,\moid\":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity,$$_javassist_1042:76960\","realServerType\":"ADC\","moid\":"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76961\"}",
```

```
    "description":""
  },
  {
    "name":"DNS7",
    "configKnob":"real-servers",
    "truncatedName":"DNS7",
    "labelAlign":"right",
    "image":"\sgd\ui\web\images\viewconfig\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":76963,"createdBy":null,"modifiedBy":null,"createTime":null,"modifiedTime":1416462144000,"userOperationType":null,"name":"DNS7","description":null,"objectCreateType":null,"type":"IPv4","address":"172.17.37.56","realServerHealthCheck":{"id":76962,"createdBy":null,"modifiedBy":null,"createTime":null,"modifiedTime":1416462144000,"userOpera
```

```
tionType\":null,\"name\":\\\"DNS\\\",\\\"description\":null,\"objectCreateType\":null,\"failureRetries\":null,\\\"healthCheckInterval\":2,\"recoveryRetries\":1,\"moid\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:76962\\\",\\\"realServerType\":\\\"ADC\\\",\\\"moid\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76963\\\"}]",
```

```
    "description":""
  },
  {
    "name":"MSP01TS01",
    "configKnob":"real-servers",
    "truncatedName":"MSP01TS0..",
    "labelAlign":"right",
    "image":"\\sgd\\ui\\web\\images\\viewconfig\\real_server.png",
    "parentPanel":"real-servers",
```

```
"configData":{"id":76970,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":null,\"modifiedTime\":1416462144000,\"userOperationType\":null,\"name\":\\\"MSP01TS01\\\",\\\"description\":null,\"objectCreateType\":null,\"type\":\\\"IPv4\\\",\\\"address\":\\\"172.17.39.50\\\",\\\"realServerHealthCheck\":{\\\"id\":76969,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":null,\"modifiedTime\":1416462144000,\"userOperationType\":null,\"name\":\\\"MSP01TS01\\\",\\\"description\":null,\"objectCreateType\":null,\"failureRetries\":null,\"healthCheckInterval\":2,\"recoveryRetries\":1,\"moid\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:76969\\\",\\\"realServerType\":\\\"ADC\\\",\\\"moid\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:76970\\\"}]",
```

```
    "description":""
  },
  {
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        "configData": "{ \"id\": 77094, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": 1416462144000, \"userOperationType\": null, \"name\": \"Secure-Entitlement-443-VIP-v6\", \"description\": \"IPv6 VIP for MSP Secure Entitlement Port 443 traffic\", \"objectCreateType\": null, \"address\": \"fc00:a::200\", \"type\": \"IPv6\", \"virtualServices\": [{ \"id\": 77095, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": 1416462144000, \"userOperationType\": null, \"name\": \"Secure-Entitlement-443-v6\", \"description\": null, \"objectCreateType\": null, \"group\": \"SERVER-FARM-SecEntitlement-v6\", \"type\": \"SSL\", \"protocol\": null, \"serviceTimeOut\": null, \"port\": 443, \"serverListeningPort\": null, \"fastLoadBalancing\": false, \"perPacketLoadBalancing\": false, \"sendTrafficToVIP\": false, \"moid\": \"netjuniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77095\" }], \"moid\": \"netjuniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77094\" }",
        "description": ""
    },
    {
        "name": "RADIUS-1813-VIP",
        "configKnob": "virtual-servers",
        "truncatedName": "RADIUS-1..",
        "labelAlign": "right",
        "image": "\sgd\ui\web\images\viewconfig\virtual_server.png",
        "paretPanel": "virtual-servers",

        "configData": "{ \"id\": 77096, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": 1416462144000, \"userOperationType\": null, \"name\": \"RADIUS-1813-VIP\", \"description\": \"VIP for MSP RADIUS Port 1813 traffic\", \"objectCreateType\": null, \"address\": \"10.1.1.3\", \"type\": \"IPv4\", \"virtualServices\": [{ \"id\": 77097, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": 1416462144000, \"userOperationType\": null, \"name\": \"RADIUS-1813-v4\", \"description\": null, \"objectCreateType\": null, \"group\": \"IPv4-MSP-RADIUS\", \"type\": \"PLAIN\", \"protocol\": \"UDP\", \"serviceTimeOut\": null, \"port\": 1813, \"serverListeningPort\": 1813, \"fastLoadBalancing\": false, \"perPacketLoadBalancing\": false, \"sendTrafficToVIP\": false, \"moid\": \"netjuniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77097\" }], \"moid\": \"netjuniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77096\" }",

```

```

        "description": ""
    }
],
"name": "Virtual Servers",
"type": "ADC_VIRTUAL_SERVERS",
"permissionType": "EDITABLE",
"description": "Create Virtual IP address to accept client requests"
},
{
    "configViewComponentList": [
        {
            "name": "SGI-PRIVATE",
            "configKnob": "client-side-vrf",
            "truncatedName": "SGI-PRIV..",
            "labelAlign": "right",
            "image": "\sgd\ui\web\images\viewconfig\client_facing.png",
            "paretPanel": "client-side-vrf",

```

```

        "type": "ROUTINGINSTANCES",

        "configData": {
            "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "SGI-PRIVATE", "description": null, "objectCreateType": null, "moid": null, "description": ""
        },
        {
            "name": "irb.400",
            "configKnob": "client-facing-interfaces",
            "truncatedName": "irb.400",
            "labelAlign": "bottom",
            "image": "\sgd\ui\web\images\viewconfig\IRB_interface.png",
            "parentPanel": "client-facing-interfaces",
            "type": "INTERFACES",

            "configData": {
                "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "irb.400", "description": null, "objectCreateType": null, "interfaceName": null, "unitNames": null, "moid": null, "description": ""
            }
        },
        {
            "name": "Client Facing",
            "type": "ADC_CLIENT_FACING",
            "permissionType": "DEVICE_SPECIFIC",
            "description": "Create interface to receive client traffic"
        },
        {
            "configViewComponentList": {
                "name": "ms-0\0\0",
                "configKnob": "ms-interfaces",
                "truncatedName": "ms-0\0\0",
                "labelAlign": "right",
                "image": "\sgd\ui\web\images\viewconfig\service_pic.png",
                "parentPanel": "ms-interfaces",

                "configData": {
                    "id": "77078", "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": "1416462144000", "userOperationType": null, "name": "ms-0\0\0", "description": null, "objectCreateType": null, "interfaceName": null, "unitNames": null, "moid": "\net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:77078", "description": ""
                },
                {
                    "name": "Service Pic",
                    "type": "ADC_SERVICE_INTERFACES",
                    "permissionType": "DEVICE_SPECIFIC",
                    "description": "Select MS interface for hosting the service"
                },
                {
                    "configViewComponentList": [
                        {
                            "name": "SGI-PRIVATE",
                            "configKnob": "server-side-vrf",
                            "truncatedName": "SGI-PRIV..",
                            "labelAlign": "right",
                            "image": "\sgd\ui\web\images\viewconfig\server_facing.png",

```

```

        "parentPanel": "server-side-vrf",
        "type": "ROUTINGINSTANCES",

        "configData": {
            "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "SGI-PRIVATE", "description": null, "objectCreateType": null, "moid": null,
            "description": ""
        },
        {
            "name": "irb.3827",
            "configKnob": "service-facing-interfaces",
            "truncatedName": "irb.3827",
            "labelAlign": "right",
            "image": "\\sgd\\ui\\web\\images\\viewconfig\\IRB_interface.png",
            "parentPanel": "service-facing-interfaces",
            "type": "INTERFACES",

            "configData": {
                "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "irb.3827", "description": null, "objectCreateType": null, "interfaceName": null, "unitNames": null, "moid": null,
                "description": ""
            },
            {
                "name": "irb.3822",
                "configKnob": "service-facing-interfaces",
                "truncatedName": "irb.3822",
                "labelAlign": "right",
                "image": "\\sgd\\ui\\web\\images\\viewconfig\\IRB_interface.png",
                "parentPanel": "service-facing-interfaces",
                "type": "INTERFACES",

                "configData": {
                    "id": null, "createdBy": null, "modifiedBy": null, "createdTime": null, "modifiedTime": null, "userOperationType": null, "name": "irb.3822", "description": null, "objectCreateType": null, "interfaceName": null, "unitNames": null, "moid": null,
                    "description": ""
                }
            },
            {
                "name": "Server Facing",
                "type": "ADC_SERVER_FACING",
                "permissionType": "DEVICE_SPECIFIC",
                "description": "Create interface to connect application servers"
            }
        ],
        "noOfPanels": 10
    },
    "serviceType": "ADC",
    "serviceInstanceName": "lb1"
}
}

```

Save an Edited ADC Instance

This request is used to save a modified ADC instance.

URI	/api/sgd/configmanager/sgdserviceedit/ editserviceinstanceForMultipleHosts? serviceType=ADC&&hosts=mcmx240a,mcmx240c &&hostIds=65876,66840
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Saves an edited ADC service template instance

Response Status Code

Message	Description
200 OK	Successfully saves a modified ADC instance

Input

Sample JSON Input

```
{ "objectBuilderImportComponentListMap" : { },
  "serviceConfig" : { "clientFacing" : { "interfaces" : [ "irb.400" ],
    "name" : "CLIENT_FACING",
    "objectCreateType" : "CONFIG",
    "routingInstances" : [ "SGI-PRIVATE" ]
  },
  "customHealthChecks" : [ { "commandName" : "RADIUS-MONITOR",
    "commandType" : "UDP",
    "commands" : [ { "commandType" : "OPEN",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : null,
      "description" : null,
      "id" : 77631,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77631",
      "name" : "1",
      "objectCreateType" : null,
      "offset" : null,
      "userOperationType" : null,
      "value" : "1813",
      "wait" : null
    },
    { "commandType" : "SEND",
      "createdBy" : "super",
```

```

        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77632,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCCommandEntity:77632",
        "name" : "2",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" : "Monitor",
        "wait" : null
    },
    { "commandType" : "EXPECT",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : null,
      "description" : null,
      "id" : 77633,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCCommandEntity:77633",
      "name" : "3",
      "objectCreateType" : null,
      "offset" : null,
      "userOperationType" : null,
      "value" : "Monitor",
      "wait" : null
    }
  ],
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77630,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCustomHealthCheckEntity:77630",
  "name" : "radius-hc",
  "objectCreateType" : "CONFIG",
  "userOperationType" : null
},
{ "commandName" : "SEND-OPTION",
  "commandType" : "TCP",
  "commands" : [ { "commandType" : "OPEN",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "depth" : null,
    "description" : null,
    "id" : 77635,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,

```

[illegible]

```
"GETSPACE_SPCIAL_CHARFORWARDSPACE_CHARHTTPFORWARDSPACE_CHARISPACE_SPCIAL_CHAR\\
\\r\\nHOST-SPACE_SPECIAL_CHAR-172.17.39.50\\\\\\r\\n\\\\\\r\\n",
```

```
        "userOperationType" : null,
        "value" :
"HTTP-FORWARD_SPECIAL_CHAR-1.0-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",

        "wait" : null
    }
],
"createdBy" : "super",
"createdTime" : 1416464154000,
"description" : null,
"id" : 77638,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCustomHealthCheckEntity:77638",

"name" : "HTTP-OPTION-8087",
"objectCreateType" : "CONFIG",
"userOperationType" : null
},
{ "commandName" : "SEND-OPTION",
  "commandType" : "TCP",
  "commands" : [ { "commandType" : "OPEN",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "depth" : null,
    "description" : null,
    "id" : 77643,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCCommandEntity:77643",
    "name" : "1",
    "objectCreateType" : null,
    "offset" : null,
    "userOperationType" : null,
    "value" : "8080",
    "wait" : null
  } ],
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77642,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCustomHealthCheckEntity:77642",
  "name" : "HTTP-OPTION-8087-NEW",
  "objectCreateType" : "CONFIG",
  "userOperationType" : null
},
{ "commandName" : "binary_AAAA",
  "commandType" : "UDP",
  "commands" : [ { "commandType" : "OPEN",
    "createdBy" : "super",
```



```

        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77645,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCCommandEntity:77645",
        "name" : "10",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" : "53",
        "wait" : null
    },
    { "commandType" : "BINARYSEND",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : null,
      "description" : null,
      "id" : 77646,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCCommandEntity:77646",
      "name" : "20",
      "objectCreateType" : null,
      "offset" : null,
      "userOperationType" : null,
      "value" :
"D9B80000000100000000000000469707636066D797A6F6E6503636F6D00001C0001",
      "wait" : null
    },
    { "commandType" : "BINARYEXPECT",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : 2,
      "description" : null,
      "id" : 77647,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCCommandEntity:77647",
      "name" : "30",
      "objectCreateType" : null,
      "offset" : 6,
      "userOperationType" : null,
      "value" : "0001",
      "wait" : null
    }
  ],
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77644,

```

```
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCustomHealthCheckEntity:77644",

"name" : "IPv6-DNS",
"objectCreateType" : "CONFIG",
"userOperationType" : null
}
],
"groups" : [ { "createdBy" : "super",
"createdTime" : 1416464154000,
"description" : null,
"groupHealthCheck" : { "createdBy" : "super",
"createdTime" : 1416464154000,
"customHealthCheck" : null,
"description" : null,
"id" : 77648,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCGroupHealthCheckEntity:77648",

"name" : "DNS",
"objectCreateType" : null,
"paramValueMap" : { "hostname" : "ipv4.myzone.com" },
"type" : "DNS",
"userOperationType" : null
},
"healthCheck" : true,
"id" : 77652,
"loadBalanceMethod" : "ROUND_ROBIN",
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" : "net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCGroupEntity:77652",

"name" : "DNS-FARM-1",
"objectCreateType" : "CONFIG",
"realServers" : [ "DNS1",
"DNS2",
"DNS3",
"DNS4",
"DNS5",
"DNS6",
"DNS7"
],
"unitHealthCheck" : "3827",
"userOperationType" : null
},
{ "createdBy" : "super",
"createdTime" : 1416464154000,
"description" : null,
"groupHealthCheck" : { "createdBy" : "super",
"createdTime" : 1416464154000,
"customHealthCheck" : { "commandName" : "SEND-OPTION",
"commandType" : "TCP",
```

```

        "commands": [ { "commandType": "OPEN",
            "createdBy": "super",
            "createdTime": 1416464154000,
            "depth": null,
            "description": null,
            "id": 77635,
            "modifiedBy": "super",
            "modifiedTime": 1416464154000,
            "moid": :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77635",
            "name": "1",
            "objectCreateType": null,
            "offset": null,
            "userOperationType": null,
            "value": "8080",
            "wait": null
        },
        { "commandType": "SEND",
            "createdBy": "super",
            "createdTime": 1416464154000,
            "depth": null,
            "description": null,
            "id": 77636,
            "modifiedBy": "super",
            "modifiedTime": 1416464154000,
            "moid": :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77636",
            "name": "4",
            "objectCreateType": null,
            "offset": null,
            "userOperationType": null,
            "value": :
"HTTP-FORWARD_SPECIAL_CHAR-1.0-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",
            "wait": null
        },
        { "commandType": "EXPECT",
            "createdBy": "super",
            "createdTime": 1416464154000,
            "depth": null,
            "description": null,
            "id": 77637,
            "modifiedBy": "super",
            "modifiedTime": 1416464154000,
            "moid": :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77637",
            "name": "5",
            "objectCreateType": null,
            "offset": null,
            "userOperationType": null,
            "value": :
"HTTP-FORWARD_SPECIAL_CHAR-1.0-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",
            "wait": null
        }
    ],

```

```
        "createdBy" : "super",
        "createdTime" : 1416464154000,
        "description" : null,
        "id" : 77634,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCustomHealthCheckEntity:77634",

        "name" : "HTTP-OPTION-8080",
        "objectCreateType" : "CONFIG",
        "userOperationType" : null
    },
    "description" : null,
    "id" : 77667,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCGroupHealthCheckEntity:77667",

    "name" : "HTTP-OPTION-8080",
    "objectCreateType" : null,
    "paramValueMap" : { },
    "type" : "SCRIPT",
    "userOperationType" : null
},
"healthCheck" : true,
"id" : 77671,
"loadBalanceMethod" : "LEAST_CONNECTIONS",
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" : "net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCGroupEntity:77671",

"name" : "SERVER-FARM-HTTP",
"objectCreateType" : "CONFIG",
"realServers" : [ "MSP01TS01",
    "MSP01TS02",
    "MSP01TS03",
    "MSP01TS04",
    "MSP01TS05",
    "MSP01TS06",
    "MSP01TS07",
    "MSP01TS08",
    "MSP01TS09",
    "MSP01TS10",
    "MSP01TS11",
    "MSP02TS01",
    "MSP02TS02",
    "MSP02TS03",
    "MSP02TS04",
    "MSP02TS05",
    "MSP02TS06",
    "MSP02TS07",
    "MSP02TS08",
    "MSP02TS09",
    "MSP02TS10",
```

```

        "MSP02TS11",
        "MSP03TS01",
        "MSP03TS02",
        "MSP03TS03",
        "MSP03TS04",
        "MSP03TS05",
        "MSP03TS06",
        "MSP03TS07",
        "MSP03TS08",
        "MSP03TS09",
        "MSP03TS10",
        "MSP03TS11",
        "MSP04TS01",
        "MSP04TS02",
        "MSP04TS03",
        "MSP04TS04",
        "MSP04TS05",
        "MSP04TS06",
        "MSP04TS07",
        "MSP04TS08",
        "MSP04TS09",
        "MSP04TS10",
        "MSP04TS11"
    ],
    "unitHealthCheck" : "3822",
    "userOperationType" : null
},
{ "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "groupHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "customHealthCheck" : null,
    "description" : null,
    "id" : 77717,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupHealthCheckEntity:77717",

    "name" : "SSLHELLO",
    "objectCreateType" : null,
    "paramValueMap" : { },
    "type" : "SSLHELLO",
    "userOperationType" : null
  },
  "healthCheck" : true,
  "id" : 77718,
  "loadBalanceMethod" : "LEAST_CONNECTIONS",
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:77718",

  "name" : "SERVER-FARM-SecureEntitlement",
  "objectCreateType" : "CONFIG",
  "realServers" : [ "MSP01TS06",

```

```
"MSP01TS07",
"MSP01TS08",
"MSP01TS09",
"MSP01TS10",
"MSP01TS11",
"MSP02TS01",
"MSP02TS02",
"MSP02TS03",
"MSP02TS04",
"MSP02TS05",
"MSP02TS06",
"MSP02TS07",
"MSP02TS08",
"MSP02TS09",
"MSP02TS10",
"MSP02TS11",
"MSP03TS01",
"MSP03TS02",
"MSP03TS03",
"MSP03TS04",
"MSP03TS05",
"MSP03TS06",
"MSP03TS07",
"MSP03TS08",
"MSP03TS09",
"MSP03TS10",
"MSP03TS11",
"MSP04TS01",
"MSP04TS02",
"MSP04TS03",
"MSP04TS04",
"MSP04TS05",
"MSP04TS06",
"MSP04TS07",
"MSP04TS08",
"MSP04TS09",
"MSP04TS10",
"MSP04TS11",
"MSP01TS01",
"MSP01TS02",
"MSP01TS03",
"MSP01TS04",
"MSP01TS05"
],
"unitHealthCheck" : "3822",
"userOperationType" : null
},
{ "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "groupHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "customHealthCheck" : { "commandName" : "SEND-OPTION",
      "commandType" : "TCP",
      "commands" : [ { "commandType" : "OPEN",
        "createdBy" : "super",
```

```

        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77639,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCCommandEntity:77639",
        "name" : "1",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" : "8087",
        "wait" : null
    },
    { "commandType" : "SEND",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : null,
      "description" : null,
      "id" : 77640,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCCommandEntity:77640",
      "name" : "4",
      "objectCreateType" : null,
      "offset" : null,
      "userOperationType" : null,
      "value" :
'GET SPACE_SPECIAL_CHAR-HTTP-SPACE_SPECIAL_CHAR-HTTP-SPACE_SPECIAL_CHAR-SPACE_SPECIAL_CHAR-
\\r\\nHOST-SPACE_SPECIAL_CHAR-172.17.39.50\\r\\n\\r\\n',
      "wait" : null
    },
    { "commandType" : "EXPECT",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : null,
      "description" : null,
      "id" : 77641,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCCommandEntity:77641",
      "name" : "5",
      "objectCreateType" : null,
      "offset" : null,
      "userOperationType" : null,
      "value" :
"HTTP-FORWARD_SPECIAL_CHAR-1.0-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",
      "wait" : null
    }
  ],
  "createdBy" : "super",
  "createdTime" : 1416464154000,

```

```
    "description" : null,
    "id" : 77638,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:77638",

    "name" : "HTTP-OPTION-8087",
    "objectCreateType" : "CONFIG",
    "userOperationType" : null
  },
  "description" : null,
  "id" : 77719,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupHealthCheckEntity:77719",

    "name" : "HTTP-OPTION-8087",
    "objectCreateType" : null,
    "paramValueMap" : { },
    "type" : "SCRIPT",
    "userOperationType" : null
  },
  "healthCheck" : true,
  "id" : 77720,
  "loadBalanceMethod" : "LEAST_CONNECTIONS",
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:77720",

  "name" : "SERVER-FARM-SimpleEntitlement",
  "objectCreateType" : "CONFIG",
  "realServers" : [ "MSP01TS01",
    "MSP01TS02",
    "MSP01TS03",
    "MSP01TS04",
    "MSP01TS05",
    "MSP01TS06",
    "MSP01TS07",
    "MSP01TS08",
    "MSP01TS09",
    "MSP01TS10",
    "MSP01TS11",
    "MSP02TS01",
    "MSP02TS02",
    "MSP02TS03",
    "MSP02TS04",
    "MSP02TS05",
    "MSP02TS06",
    "MSP02TS07",
    "MSP02TS08",
    "MSP02TS09",
    "MSP02TS10",
    "MSP02TS11",
    "MSP03TS01",
```



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        "MSP03TS02",
        "MSP03TS03",
        "MSP03TS04",
        "MSP03TS05",
        "MSP03TS11",
        "MSP04TS01",
        "MSP04TS02",
        "MSP04TS03",
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        "MSP04TS11",
        "MSP03TS06",
        "MSP03TS07",
        "MSP03TS08",
        "MSP03TS09",
        "MSP03TS10"
    ],
    "unitHealthCheck" : "3822",
    "userOperationType" : null
},
{ "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "groupHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "customHealthCheck" : { "commandName" : "binary_AAAA",
      "commandType" : "UDP",
      "commands" : [ { "commandType" : "OPEN",
        "createdBy" : "super",
        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77645,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77645",
        "name" : "10",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" : "53",
        "wait" : null
      },
      { "commandType" : "BINARYSEND",
        "createdBy" : "super",
        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77646,
        "modifiedBy" : "super",

```

```
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCCommandEntity:77646",
        "name" : "20",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" :
"D9B8000000010000000000000469707636066D797A6F6E6503636F6D00001C0001",

        "wait" : null
    },
    { "commandType" : "BINARYEXPECT",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : 2,
      "description" : null,
      "id" : 77647,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCCommandEntity:77647",
      "name" : "30",
      "objectCreateType" : null,
      "offset" : 6,
      "userOperationType" : null,
      "value" : "0001",
      "wait" : null
    }
  ],
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77644,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCustomHealthCheckEntity:77644",
  "name" : "IPv6-DNS",
  "objectCreateType" : "CONFIG",
  "userOperationType" : null
},
"description" : null,
"id" : 77721,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCGroupHealthCheckEntity:77721",
"name" : "IPv6-DNS",
"objectCreateType" : null,
"paramValueMap" : { },
"type" : "SCRIPT",
"userOperationType" : null
},
```

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    "healthCheck" : true,
    "id" : 77722,
    "loadBalanceMethod" : "ROUND_ROBIN",
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:77722",

    "name" : "SERVER-FARM-DNS-v6",
    "objectCreateType" : "CONFIG",
    "realServers" : [ "DNS1-v6",
        "DNS2-v6",
        "DNS3-v6",
        "DNS4-v6",
        "DNS5-v6",
        "DNS6-v6"
    ],
    "unitHealthCheck" : "3827",
    "userOperationType" : null
  },
  { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "groupHealthCheck" : { "createdBy" : "super",
      "createdTime" : 1416464154000,
      "customHealthCheck" : { "commandName" : "SEND-OPTION",
        "commandType" : "TCP",
        "commands" : [ { "commandType" : "OPEN",
          "createdBy" : "super",
          "createdTime" : 1416464154000,
          "depth" : null,
          "description" : null,
          "id" : 77635,
          "modifiedBy" : "super",
          "modifiedTime" : 1416464154000,
          "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77635",
          "name" : "1",
          "objectCreateType" : null,
          "offset" : null,
          "userOperationType" : null,
          "value" : "8080",
          "wait" : null
        },
        { "commandType" : "SEND",
          "createdBy" : "super",
          "createdTime" : 1416464154000,
          "depth" : null,
          "description" : null,
          "id" : 77636,
          "modifiedBy" : "super",
          "modifiedTime" : 1416464154000,
          "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77636",
          "name" : "4",
          "objectCreateType" : null,
          "offset" : null,

```

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        "userOperationType" : null,
        "value" :
        "HTTP-FORWARD_SPECIAL_CHAR-10-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",
        "wait" : null
    },
    { "commandType" : "EXPECT",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "depth" : null,
      "description" : null,
      "id" : 77637,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
      "net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCommandEntity:77637",
      "name" : "5",
      "objectCreateType" : null,
      "offset" : null,
      "userOperationType" : null,
      "value" :
      "HTTP-FORWARD_SPECIAL_CHAR-1.0-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",

      "wait" : null
    }
  ],
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77634,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
  "net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCCustomHealthCheckEntity:77634",

  "name" : "HTTP-OPTION-8080",
  "objectCreateType" : "CONFIG",
  "userOperationType" : null
},
"description" : null,
"id" : 77729,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCGroupHealthCheckEntity:77729",

"name" : "HTTP-OPTION-8080",
"objectCreateType" : null,
"paramValueMap" : { },
"type" : "SCRIPT",
"userOperationType" : null
},
"healthCheck" : true,
"id" : 77730,
"loadBalanceMethod" : "LEAST_CONNECTIONS",
"modifiedBy" : "super",

```

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"modifiedTime" : 1416464154000,
"moid" : "net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCGroupEntity:77730",

"name" : "SERVER-FARM-HTTP-v6",
"objectCreateType" : "CONFIG",
"realServers" : [ "MSP01TS01-v6",
  "MSP01TS02-v6",
  "MSP01TS03-v6",
  "MSP01TS04-v6",
  "MSP01TS05-v6",
  "MSP01TS06-v6",
  "MSP01TS07-v6",
  "MSP01TS08-v6",
  "MSP01TS09-v6",
  "MSP01TS10-v6",
  "MSP01TS11-v6",
  "MSP02TS01-v6",
  "MSP02TS02-v6",
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],
"unitHealthCheck" : "3822",
"userOperationType" : null
},
{ "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
```

```
"groupHealthCheck": { "createdBy": "super",
  "createdTime": 1416464154000,
  "customHealthCheck": null,
  "description": null,
  "id": 77775,
  "modifiedBy": "super",
  "modifiedTime": 1416464154000,
  "moid":
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupHealthCheckEntity:77775",

  "name": "SSLHELLO",
  "objectCreateType": null,
  "paramValueMap": { },
  "type": "SSLHELLO",
  "userOperationType": null
},
"healthCheck": true,
"id": 77776,
"loadBalanceMethod": "LEAST_CONNECTIONS",
"modifiedBy": "super",
"modifiedTime": 1416464154000,
"moid": "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:77776",

"name": "SERVER-FARM-SecEntitlement-v6",
"objectCreateType": "CONFIG",
"realServers": [ "MSP01TS01-v6",
  "MSP01TS02-v6",
  "MSP01TS03-v6",
  "MSP01TS04-v6",
  "MSP01TS05-v6",
  "MSP01TS06-v6",
  "MSP01TS07-v6",
  "MSP04TS01-v6",
  "MSP04TS02-v6",
  "MSP04TS03-v6",
  "MSP04TS04-v6",
  "MSP04TS05-v6",
  "MSP04TS06-v6",
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  "MSP04TS09-v6",
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  "MSP04TS11-v6",
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  "MSP01TS11-v6",
  "MSP02TS01-v6",
  "MSP02TS02-v6",
  "MSP02TS03-v6",
  "MSP02TS04-v6",
  "MSP02TS05-v6",
  "MSP02TS06-v6",
  "MSP02TS07-v6",
  "MSP02TS08-v6",
  "MSP02TS09-v6",
```

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        "MSP02TS10-v6",
        "MSP02TS11-v6",
        "MSP03TS01-v6",
        "MSP03TS02-v6",
        "MSP03TS03-v6",
        "MSP03TS04-v6",
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    ],
    "unitHealthCheck" : "3822",
    "userOperationType" : null
},
{ "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "groupHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "customHealthCheck" : { "commandName" : "SEND-OPTION",
      "commandType" : "TCP",
      "commands" : [ { "commandType" : "OPEN",
        "createdBy" : "super",
        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77639,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77639",
        "name" : "1",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" : "8087",
        "wait" : null
      },
      { "commandType" : "SEND",
        "createdBy" : "super",
        "createdTime" : 1416464154000,
        "depth" : null,
        "description" : null,
        "id" : 77640,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77640",
        "name" : "4",
        "objectCreateType" : null,
        "offset" : null,
        "userOperationType" : null,
        "value" :

```

```

'GET SPACE_SPECIAL_CHAR-172.17.39.50\\r\\n\\r\\n'
HOST-SPACE_SPECIAL_CHAR-172.17.39.50\\r\\n\\r\\n",
    "wait" : null
  },
  { "commandType" : "EXPECT",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "depth" : null,
    "description" : null,
    "id" : 77641,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCCommandEntity:77641",
    "name" : "5",
    "objectCreateType" : null,
    "offset" : null,
    "userOperationType" : null,
    "value" :
"HTTP-FORWARD_SPECIAL_CHAR-1.0-SPACE_SPECIAL_CHAR-200-SPACE_SPECIAL_CHAR-OK",

    "wait" : null
  }
],
"createdBy" : "super",
"createdTime" : 1416464154000,
"description" : null,
"id" : 77638,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCCustomHealthCheckEntity:77638",

    "name" : "HTTP-OPTION-8087",
    "objectCreateType" : "CONFIG",
    "userOperationType" : null
  },
  "description" : null,
  "id" : 77777,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCGroupHealthCheckEntity:77777",

    "name" : "HTTP-OPTION-8087",
    "objectCreateType" : null,
    "paramValueMap" : { },
    "type" : "SCRIPT",
    "userOperationType" : null
  },
  "healthCheck" : true,
  "id" : 77778,
  "loadBalanceMethod" : "LEAST_CONNECTIONS",
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" : "net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCGroupEntity:77778",

```



```

"name" : "SERVER-FARM-SmplEntitlement-v6",
"objectCreateType" : "CONFIG",
"realServers" : [ "MSP01TS01-v6",
  "MSP01TS02-v6",
  "MSP01TS03-v6",
  "MSP01TS04-v6",
  "MSP01TS05-v6",
  "MSP01TS06-v6",
  "MSP01TS07-v6",
  "MSP01TS08-v6",
  "MSP01TS09-v6",
  "MSP01TS10-v6",
  "MSP01TS11-v6",
  "MSP02TS01-v6",
  "MSP02TS02-v6",
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  "MSP04TS09-v6",
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  "MSP04TS11-v6"
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"unitHealthCheck" : "3822",
"userOperationType" : null
},
{ "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "groupHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464154000,

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```
"customHealthCheck" : { "commandName" : "RADIUS-MONITOR",
  "commandType" : "UDP",
  "commands" : [ { "commandType" : "OPEN",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "depth" : null,
    "description" : null,
    "id" : 77631,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77631",
    "name" : "1",
    "objectCreateType" : null,
    "offset" : null,
    "userOperationType" : null,
    "value" : "1813",
    "wait" : null
  },
  { "commandType" : "SEND",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "depth" : null,
    "description" : null,
    "id" : 77632,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77632",
    "name" : "2",
    "objectCreateType" : null,
    "offset" : null,
    "userOperationType" : null,
    "value" : "Monitor",
    "wait" : null
  },
  { "commandType" : "EXPECT",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "depth" : null,
    "description" : null,
    "id" : 77633,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:77633",
    "name" : "3",
    "objectCreateType" : null,
    "offset" : null,
    "userOperationType" : null,
    "value" : "Monitor",
    "wait" : null
  }
],
"createdBy" : "super",
"createdTime" : 1416464154000,
```

```

        "description" : null,
        "id" : 77630,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:77630",

        "name" : "radius-hc",
        "objectCreateType" : "CONFIG",
        "userOperationType" : null
    },
    "description" : null,
    "id" : 77779,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupHealthCheckEntity:77779",

    "name" : "radius-hc",
    "objectCreateType" : null,
    "paramValueMap" : { },
    "type" : "SCRIPT",
    "userOperationType" : null
},
"healthCheck" : true,
"id" : 77780,
"loadBalanceMethod" : "LEAST_CONNECTIONS",
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:77780",

"name" : "IPv4-MSP-RADIUS",
"objectCreateType" : "CONFIG",
"realServers" : [ "MSP01TS01",
    "MSP01TS02",
    "MSP01TS03"
],
"unitHealthCheck" : "3822",
"userOperationType" : null
}
],
"msInterfaces" : [ { "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "id" : 77781,
    "interfaceName" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:77781",

    "name" : "ms-0/0/0",
    "objectCreateType" : "CONFIG",
    "unitNames" : null,
    "userOperationType" : null
} ],

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"name" : "lb1",
"realServers" : [ { "address" : "172.17.37.50",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77654,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77654",
  "name" : "DNS1",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "failureRetries" : null,
    "healthCheckInterval" : 2,
    "id" : 77653,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:77653",
    "name" : "DNS1",
    "objectCreateType" : null,
    "recoveryRetries" : 1,
    "userOperationType" : null
  },
  "realServerType" : "ADC",
  "type" : "IPv4",
  "userOperationType" : null
},
{ "address" : "172.17.37.51",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77656,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77656",
  "name" : "DNS2",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "failureRetries" : null,
    "healthCheckInterval" : 2,
    "id" : 77655,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:77655",
    "name" : "DNS2",
    "objectCreateType" : null,
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```

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        "userOperationType": null
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    "type": "IPv4",
    "userOperationType": null
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  "createdBy": "super",
  "createdTime": 1416464153000,
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  "id": 77658,
  "modifiedBy": "super",
  "modifiedTime": 1416464153000,
  "moid":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77658",
  "name": "DNS3",
  "objectCreateType": "CONFIG",
  "realServerHealthCheck": { "createdBy": "super",
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    "description": null,
    "failureRetries": null,
    "healthCheckInterval": 2,
    "id": 77657,
    "modifiedBy": "super",
    "modifiedTime": 1416464153000,
    "moid":
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    "name": "DNS3",
    "objectCreateType": null,
    "recoveryRetries": 1,
    "userOperationType": null
  },
  "realServerType": "ADC",
  "type": "IPv4",
  "userOperationType": null
},
{ "address": "172.17.37.53",
  "createdBy": "super",
  "createdTime": 1416464153000,
  "description": null,
  "id": 77660,
  "modifiedBy": "super",
  "modifiedTime": 1416464153000,
  "moid":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77660",
  "name": "DNS4",
  "objectCreateType": "CONFIG",
  "realServerHealthCheck": { "createdBy": "super",
    "createdTime": 1416464153000,
    "description": null,
    "failureRetries": null,
    "healthCheckInterval": 2,
    "id": 77659,
    "modifiedBy": "super",

```

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:77659",
        "name" : "DNS4",
        "objectCreateType" : null,
        "recoveryRetries" : 1,
        "userOperationType" : null
    },
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
},
{ "address" : "172.17.37.54",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77662,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77662",
  "name" : "DNS5",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "failureRetries" : null,
    "healthCheckInterval" : 2,
    "id" : 77661,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:77661",
    "name" : "DNS5",
    "objectCreateType" : null,
    "recoveryRetries" : 1,
    "userOperationType" : null
  },
  "realServerType" : "ADC",
  "type" : "IPv4",
  "userOperationType" : null
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{ "address" : "172.17.37.55",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77664,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77664",
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  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : { "createdBy" : "super",
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity:$$javassist_1042:77663",
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        "objectCreateType" : null,
        "recoveryRetries" : 1,
        "userOperationType" : null
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    "type" : "IPv4",
    "userOperationType" : null
},
{ "address" : "172.17.37.56",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77666,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77666",
  "name" : "DNS7",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416464153000,
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    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity:$$javassist_1042:77665",
    "name" : "DNS7",
    "objectCreateType" : null,
    "recoveryRetries" : 1,
    "userOperationType" : null
  },
  "realServerType" : "ADC",
  "type" : "IPv4",
  "userOperationType" : null
},
{ "address" : "172.17.39.50",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77673,
  "modifiedBy" : "super",

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"modifiedTime" : 1416464153000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77673",
"name" : "MSP01TS01",
"objectCreateType" : "CONFIG",
"realServerHealthCheck" : { "createdBy" : "super",
"createdTime" : 1416464153000,
"description" : null,
"failureRetries" : null,
"healthCheckInterval" : 2,
"id" : 77672,
"modifiedBy" : "super",
"modifiedTime" : 1416464153000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_1042:77672",
"name" : "MSP01TS01",
"objectCreateType" : null,
"recoveryRetries" : 1,
"userOperationType" : null
},
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"type" : "IPv4",
"userOperationType" : null
},
{ "address" : "172.17.39.51",
"createdBy" : "super",
"createdTime" : 1416464153000,
"description" : null,
"id" : 77674,
"modifiedBy" : "super",
"modifiedTime" : 1416464153000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77674",
"name" : "MSP01TS02",
"objectCreateType" : "CONFIG",
"realServerHealthCheck" : null,
"realServerType" : "ADC",
"type" : "IPv4",
"userOperationType" : null
},
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"createdBy" : "super",
"createdTime" : 1416464153000,
"description" : null,
"id" : 77675,
"modifiedBy" : "super",
"modifiedTime" : 1416464153000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77675",
"name" : "MSP01TS03",
"objectCreateType" : "CONFIG",
"realServerHealthCheck" : null,
"realServerType" : "ADC",
"type" : "IPv4",
"userOperationType" : null
```



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    },
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      "createdTime" : 1416464153000,
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      "id" : 77676,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
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      "name" : "MSP01TS04",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
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      "createdBy" : "super",
      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77677,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77677",
      "name" : "MSP01TS05",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
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      "id" : 77678,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
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      "name" : "MSP01TS06",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
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      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77679,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,

```

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      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.57",
      "createdBy" : "super",
      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77680,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77680",
      "name" : "MSP01TS08",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.58",
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      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77681,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77681",
      "name" : "MSP01TS09",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.59",
      "createdBy" : "super",
      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77682,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77682",
      "name" : "MSP01TS10",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    }
```

```

    },
    { "address" : "172.17.39.60",
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      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77683,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77683",
      "name" : "MSP01TS11",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.61",
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      "createdTime" : 1416464153000,
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      "id" : 77684,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77684",
      "name" : "MSP02TS01",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
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      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77685,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77685",
      "name" : "MSP02TS02",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.63",
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      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77686,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,

```

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77686",
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    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
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    "createdTime" : 1416464153000,
    "description" : null,
    "id" : 77687,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77687",
    "name" : "MSP02TS04",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.65",
    "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "id" : 77688,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77688",
    "name" : "MSP02TS05",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.66",
    "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "id" : 77689,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77689",
    "name" : "MSP02TS06",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  }
```

```

    },
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      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77690,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77690",
      "name" : "MSP02TS07",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.68",
      "createdBy" : "super",
      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77691,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77691",
      "name" : "MSP02TS08",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.69",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77692,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77692",
      "name" : "MSP02TS09",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
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    { "address" : "172.17.39.70",
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      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77693,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

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    "moid" :
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    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.71",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77694,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77694",
    "name" : "MSP02TS11",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.72",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77695,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77695",
    "name" : "MSP03TS01",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.73",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77696,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77696",
    "name" : "MSP03TS02",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  }
```

```

    },
    { "address" : "172.17.39.74",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77697,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77697",
      "name" : "MSP03TS03",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.75",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77698,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77698",
      "name" : "MSP03TS04",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.76",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77699,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77699",
      "name" : "MSP03TS05",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.77",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77700,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77700",
    "name" : "MSP03TS06",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.78",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77701,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77701",
    "name" : "MSP03TS07",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.79",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77702,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77702",
    "name" : "MSP03TS08",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.80",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77703,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77703",
    "name" : "MSP03TS09",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  }
```



```

    },
    { "address" : "172.17.39.81",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77704,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77704",
      "name" : "MSP03TS10",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.82",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77705,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77705",
      "name" : "MSP03TS11",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.83",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77706,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77706",
      "name" : "MSP04TS01",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.84",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77707,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

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```
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77707",
      "name" : "MSP04TS02",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.85",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77708,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77708",
      "name" : "MSP04TS03",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.86",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77709,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77709",
      "name" : "MSP04TS04",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.87",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77710,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77710",
      "name" : "MSP04TS05",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    }
```

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    },
    { "address" : "172.17.39.88",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77711,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77711",
      "name" : "MSP04TS06",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.89",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77712,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77712",
      "name" : "MSP04TS07",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.90",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77713,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77713",
      "name" : "MSP04TS08",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "172.17.39.91",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77714,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77714",
    "name" : "MSP04TS09",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.92",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77715,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77715",
    "name" : "MSP04TS10",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "172.17.39.93",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77716,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77716",
    "name" : "MSP04TS11",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv4",
    "userOperationType" : null
  },
  { "address" : "2606:ae00:2031:d07::6",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77723,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77723",
    "name" : "DNS1-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```

```

    },
    { "address" : "2606:ae00:2031:d07::9",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77724,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77724",
      "name" : "DNS2-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "2606:ae00:2031:d07::c",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77725,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77725",
      "name" : "DNS3-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "2606:ae00:2031:d07::f",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77726,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77726",
      "name" : "DNS4-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "2606:ae00:2031:d07::12",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77727,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77727",
    "name" : "DNS5-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "2606:ae00:2031:d07::15",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77728,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77728",
    "name" : "DNS6-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::15",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77731,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77731",
    "name" : "MSP01TS01-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::16",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77732,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77732",
    "name" : "MSP01TS02-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```

```

    },
    { "address" : "fc00:a:a:601::17",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77733,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77733",
      "name" : "MSP01TS03-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::18",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77734,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77734",
      "name" : "MSP01TS04-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::19",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77735,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77735",
      "name" : "MSP01TS05-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::1a",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77736,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77736",
    "name" : "MSP01TS06-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::1b",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77737,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77737",
    "name" : "MSP01TS07-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::1c",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77738,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77738",
    "name" : "MSP01TS08-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::1d",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77739,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77739",
    "name" : "MSP01TS09-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```



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    },
    { "address" : "fc00:a:a:601::1e",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77740,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77740",
      "name" : "MSP01TS10-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::1f",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77741,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77741",
      "name" : "MSP01TS11-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::25",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77742,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77742",
      "name" : "MSP02TS01-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::26",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77743,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77743",
    "name" : "MSP02TS02-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::27",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77744,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77744",
    "name" : "MSP02TS03-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::28",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77745,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77745",
    "name" : "MSP02TS04-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::29",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77746,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77746",
    "name" : "MSP02TS05-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```

```

    },
    { "address" : "fc00:a:a:601::2a",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77747,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77747",
      "name" : "MSP02TS06-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::2b",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77748,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77748",
      "name" : "MSP02TS07-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::2c",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77749,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77749",
      "name" : "MSP02TS08-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::2d",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77750,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77750",
    "name" : "MSP02TS09-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::2e",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77751,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77751",
    "name" : "MSP02TS10-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::2f",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77752,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77752",
    "name" : "MSP02TS11-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::35",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77753,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77753",
    "name" : "MSP03TS01-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```

```

    },
    { "address" : "fc00:a:a:601::36",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77754,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77754",
      "name" : "MSP03TS02-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::37",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77755,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77755",
      "name" : "MSP03TS03-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::38",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77756,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77756",
      "name" : "MSP03TS04-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::39",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77757,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77757",
    "name" : "MSP03TS05-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::03a",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77758,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77758",
    "name" : "MSP03TS06-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::03b",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77759,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77759",
    "name" : "MSP03TS07-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::03c",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77760,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77760",
    "name" : "MSP03TS08-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```

```

    },
    { "address" : "fc00:a:a:601::03d",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77761,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77761",
      "name" : "MSP03TS09-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::03e",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77762,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77762",
      "name" : "MSP03TS10-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::03f",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77763,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77763",
      "name" : "MSP03TS11-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::45",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77764,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77764",
    "name" : "MSP04TS01-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::46",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77765,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77765",
    "name" : "MSP04TS02-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::47",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77766,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77766",
    "name" : "MSP04TS03-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  },
  { "address" : "fc00:a:a:601::48",
    "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "id" : 77767,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77767",
    "name" : "MSP04TS04-v6",
    "objectCreateType" : "CONFIG",
    "realServerHealthCheck" : null,
    "realServerType" : "ADC",
    "type" : "IPv6",
    "userOperationType" : null
  }
```



```

    },
    { "address" : "fc00:a:a:601::49",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77768,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77768",
      "name" : "MSP04TS05-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::04a",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77769,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77769",
      "name" : "MSP04TS06-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::04b",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77770,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77770",
      "name" : "MSP04TS07-v6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "ADC",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "fc00:a:a:601::04c",
      "createdBy" : "super",
      "createdTime" : 1416464154000,
      "description" : null,
      "id" : 77771,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464154000,

```

```
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77771",
  "name" : "MSP04TS08-v6",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : null,
  "realServerType" : "ADC",
  "type" : "IPv6",
  "userOperationType" : null
},
{ "address" : "fc00:a:a:601::04d",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77772,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77772",
  "name" : "MSP04TS09-v6",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : null,
  "realServerType" : "ADC",
  "type" : "IPv6",
  "userOperationType" : null
},
{ "address" : "fc00:a:a:601::04e",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77773,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77773",
  "name" : "MSP04TS10-v6",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : null,
  "realServerType" : "ADC",
  "type" : "IPv6",
  "userOperationType" : null
},
{ "address" : "fc00:a:a:601::04f",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77774,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:77774",
  "name" : "MSP04TS11-v6",
  "objectCreateType" : "CONFIG",
  "realServerHealthCheck" : null,
  "realServerType" : "ADC",
  "type" : "IPv6",
  "userOperationType" : null
```

```

    }
  ],
  "serverFacing" : { "interfaces" : [ "irb.3827",
    "irb.3822"
  ],
    "name" : "SERVER_FACING",
    "objectCreateType" : "CONFIG",
    "routingInstances" : [ "SGI-PRIVATE" ]
  },
  "unitHealthChecks" : [ { "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "id" : 77649,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464153000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:77649",

    "name" : "3827",
    "objectCreateType" : "CONFIG",
    "units" : [ { "address" : "172.30.37.125",
      "createdBy" : "super",
      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77650,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitEntity:77650",

      "name" : "IPv4-Name",
      "objectCreateType" : null,
      "type" : "IPv4",
      "userOperationType" : null
    },
    { "address" : "2606:ae01:2031:d07::fffd",
      "createdBy" : "super",
      "createdTime" : 1416464153000,
      "description" : null,
      "id" : 77651,
      "modifiedBy" : "super",
      "modifiedTime" : 1416464153000,
      "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitEntity:77651",

      "name" : "IPv6-Name",
      "objectCreateType" : null,
      "type" : "IPv6",
      "userOperationType" : null
    }
  ],
    "userOperationType" : null
  },
  { "createdBy" : "super",
    "createdTime" : 1416464153000,
    "description" : null,
    "id" : 77668,
    "modifiedBy" : "super",

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```
"modifiedTime" : 1416464153000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCUnitHealthCheckEntity:77668",

"name" : "3822",
"objectCreateType" : "CONFIG",
"units" : [ { "address" : "172.30.39.125",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77669,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" : "net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCUnitEntity:77669",

  "name" : "IPv4-Name",
  "objectCreateType" : null,
  "type" : "IPv4",
  "userOperationType" : null
},
{ "address" : "fc00:a:b:601::5",
  "createdBy" : "super",
  "createdTime" : 1416464153000,
  "description" : null,
  "id" : 77670,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464153000,
  "moid" : "net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCUnitEntity:77670",

  "name" : "IPv6-Name",
  "objectCreateType" : null,
  "type" : "IPv6",
  "userOperationType" : null
}
],
"userOperationType" : null
}
],
"virtualServers" : [ { "address" : "10.1.1.1",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : "added new",
  "id" : 77782,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpaa.adc.ADCVirtualServerEntity:77782",
  "name" : "DNS-VIP1",
  "objectCreateType" : "CONFIG",
  "type" : "IPv4",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "fastLoadBalancing" : false,
    "group" : "DNS-FARM-1",
```

```

        "id" : 77783,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77783",
        "name" : "DNS1",
        "objectCreateType" : null,
        "perPacketLoadBalancing" : false,
        "port" : null,
        "protocol" : "UDP",
        "sendTrafficToVIP" : false,
        "serverListeningPort" : null,
        "serviceTimeOut" : null,
        "type" : "DNS",
        "userOperationType" : null
    } ]
},
{ "address" : "10.1.1.2",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77784,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77784",
  "name" : "DNS-VIP2",
  "objectCreateType" : "CONFIG",
  "type" : "IPv4",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "fastLoadBalancing" : false,
    "group" : "DNS-FARM-1",
    "id" : 77785,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77785",
    "name" : "DNS2",
    "objectCreateType" : null,
    "perPacketLoadBalancing" : false,
    "port" : null,
    "protocol" : "UDP",
    "sendTrafficToVIP" : false,
    "serverListeningPort" : null,
    "serviceTimeOut" : null,
    "type" : "DNS",
    "userOperationType" : null
  } ]
},
{ "address" : "10.2.1.1",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : "VIP for HTTP Port 8080 traffic",

```

```
"id" : 77786,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77786",
"name" : "HTTP-8080-VIP",
"objectCreateType" : "CONFIG",
"type" : "IPv4",
"userOperationType" : null,
"virtualServices" : [ { "createdBy" : "super",
"createdTime" : 1416464154000,
"description" : null,
"fastLoadBalancing" : false,
"group" : "SERVER-FARM-HTTP",
"id" : 77787,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77787",
"name" : "HTTP-8080",
"objectCreateType" : null,
"perPacketLoadBalancing" : false,
"port" : 8080,
"protocol" : null,
"sendTrafficToVIP" : false,
"serverListeningPort" : 8080,
"serviceTimeOut" : null,
"type" : "HTTP",
"userOperationType" : null
} ]
},
{ "address" : "10.2.1.2",
"createdBy" : "super",
"createdTime" : 1416464154000,
"description" : "VIP for Secure Entitlement - HTTPS Port 443 traffic",
"id" : 77788,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77788",
"name" : "Secure-Entitlement-443-VIP",
"objectCreateType" : "CONFIG",
"type" : "IPv4",
"userOperationType" : null,
"virtualServices" : [ { "createdBy" : "super",
"createdTime" : 1416464154000,
"description" : null,
"fastLoadBalancing" : false,
"group" : "SERVER-FARM-SecureEntitlement",
"id" : 77789,
"modifiedBy" : "super",
"modifiedTime" : 1416464154000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77789",
"name" : "Secure-Entitlement-443",
"objectCreateType" : null,
```

```

        "perPacketLoadBalancing" : false,
        "port" : 443,
        "protocol" : null,
        "sendTrafficToVIP" : false,
        "serverListeningPort" : null,
        "serviceTimeOut" : null,
        "type" : "SSL",
        "userOperationType" : null
    } ]
},
{ "address" : "fc00:a:a::300",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77790,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77790",
  "name" : "DNS-VIP1-v6",
  "objectCreateType" : "CONFIG",
  "type" : "IPv6",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "fastLoadBalancing" : false,
    "group" : "SERVER-FARM-DNS-v6",
    "id" : 77791,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77791",
    "name" : "DNS1-v6",
    "objectCreateType" : null,
    "perPacketLoadBalancing" : false,
    "port" : null,
    "protocol" : null,
    "sendTrafficToVIP" : false,
    "serverListeningPort" : null,
    "serviceTimeOut" : null,
    "type" : "DNS",
    "userOperationType" : null
  } ]
},
{ "address" : "fc00:a:a::400",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "id" : 77792,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77792",
  "name" : "DNS-VIP2-v6",
  "objectCreateType" : "CONFIG",

```

```
"type" : "IPv6",
"userOperationType" : null,
"virtualServices" : [ { "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : null,
  "fastLoadBalancing" : false,
  "group" : "SERVER-FARM-DNS-v6",
  "id" : 77793,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCVirtualServiceEntity:77793",
  "name" : "DNS2-v6",
  "objectCreateType" : null,
  "perPacketLoadBalancing" : false,
  "port" : null,
  "protocol" : null,
  "sendTrafficToVIP" : false,
  "serverListeningPort" : null,
  "serviceTimeOut" : null,
  "type" : "DNS",
  "userOperationType" : null
} ]
},
{ "address" : "fc00:a::100",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : "IPv6 VIP for MSP Addressable Port 8080 traffic",
  "id" : 77794,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCVirtualServerEntity:77794",
  "name" : "HTTP-8080-VIP-v6",
  "objectCreateType" : "CONFIG",
  "type" : "IPv6",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "fastLoadBalancing" : false,
    "group" : "SERVER-FARM-HTTP-v6",
    "id" : 77795,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCVirtualServiceEntity:77795",
    "name" : "HTTP-8080-v6",
    "objectCreateType" : null,
    "perPacketLoadBalancing" : false,
    "port" : 8080,
    "protocol" : null,
    "sendTrafficToVIP" : false,
    "serverListeningPort" : 8080,
    "serviceTimeOut" : null,
    "type" : "HTTP",
```



```

        "userOperationType" : null
    } ]
},
{ "address" : "fc00:a:a::200",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : "IPv6 VIP for MSP Secure Entitlement Port 443 traffic",
  "id" : 77796,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77796",
  "name" : "Secure-Entitlement-443-VIP-v6",
  "objectCreateType" : "CONFIG",
  "type" : "IPv6",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "fastLoadBalancing" : false,
    "group" : "SERVER-FARM-SecEntitlement-v6",
    "id" : 77797,
    "modifiedBy" : "super",
    "modifiedTime" : 1416464154000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77797",
    "name" : "Secure-Entitlement-443-v6",
    "objectCreateType" : null,
    "perPacketLoadBalancing" : false,
    "port" : 443,
    "protocol" : null,
    "sendTrafficToVIP" : false,
    "serverListeningPort" : null,
    "serviceTimeOut" : null,
    "type" : "SSL",
    "userOperationType" : null
  } ]
},
{ "address" : "10.1.1.3",
  "createdBy" : "super",
  "createdTime" : 1416464154000,
  "description" : "VIP for MSP RADIUS Port 1813 traffic",
  "id" : 77798,
  "modifiedBy" : "super",
  "modifiedTime" : 1416464154000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:77798",
  "name" : "RADIUS-1813-VIP",
  "objectCreateType" : "CONFIG",
  "type" : "IPv4",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416464154000,
    "description" : null,
    "fastLoadBalancing" : false,
    "group" : "IPv4-MSP-RADIUS",

```

```

        "id" : 77799,
        "modifiedBy" : "super",
        "modifiedTime" : 1416464154000,
        "moid" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:77799",
        "name" : "RADIUS-1813-v4",
        "objectCreateType" : null,
        "perPacketLoadBalancing" : false,
        "port" : 1813,
        "protocol" : "UDP",
        "sendTrafficToVIP" : false,
        "serverListeningPort" : 1813,
        "serviceTimeout" : null,
        "type" : "PLAIN",
        "userOperationType" : null
    } ]
}
}
}

```

Output

Sample JSON Output net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCServiceEntity:0

Delete an ADC Instance

This request is used to delete an ADC instance.

URI	/api/sgd/configmanager/sgdserviceedit/ deleteInstances?serviceType=ADC
HTTP Method	POST
Content-Type	application/json
Consumes	None
Produces	Deletes an ADC service template instance

Response Status Code

Message	Description
200 OK	Successful deletion of an ADC service instance

Input

Sample JSON Input 80463 (Rule Id To Delete)

Output

Sample JSON Output TRUE

Discard the Changes Made to an ADC Instance

This request is used to discard the configuration changes that were done to an ADC instance.

URI	/api/sgd/configmanager/sgdserviceedit/discardchanges?serviceType=ADC
HTTP Method	POST
Content-Type	application/json
Consumes	None
Produces	Discards the changes made to an ADC service template instance

Response Status Code

Message	Description
200 OK	Successful discard of the changes made to an ADC service instance

Input

Sample JSON Input 80463 (Rule Id To Delete)

Output

Sample JSON Output TRUE

Send an ADC Instance for Deployment

This request is used to send an ADC instance for deployment.

URI	/api/sgd/configmanager/sgdserviceedit/sendForDeployment?serviceType=ADC&&configEditStatus=UPDATED
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.serviceedit.editdetails+json;version=1; charset=UTF-8
Consumes	None
Produces	Start deployment for an ADC service template instance

Response Status Code

Message	Description
200 OK	Successful propagation of an ADC service instance for deployment

Input

Sample JSON Input 79127,78949 (Instance Ids to deploy)

Output

Sample JSON Output 79303 (Deployment Plan Id)

Get All TLB Instances Throughout a Network

This request is used to retrieve all the TLB instances in the network

URI	/api/sgd/configmanager/sgdserviceedit/getAllInstances/root?serviceType=TLB&nodeName=All%20Service%20Gateways&isGroup=false&limit=5&page=1&node=root&isRoot=true&instanceName=
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit.servicedetails+json;version="1"
Consumes	None
Produces	Retrieves all TLB service template instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of TLB service instances in the network

Output

Sample JSON Output [{ "checkBoxShow" : false,
"configEditStatus" : "null",
"count" : "4",
"deviceId" : "786453",
"hostNames" : "mobst480w/mobst480x/",
"iconCls" : "x4-tree-noicon-sgd",
"id" : "66418,67532",
"instanceName" : "tlb_sdg",
"isLocked" : false,
"sdgHost" : "mobst480w-mobst480x",
"text" : "null"

```
    },
    { "checkBoxShow" : false,
      "configEditStatus" : "null",
      "count" : "4",
      "deviceId" : "786453",
      "hostNames" : "mobst480w/mobst480x/",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "66642,67756",
      "instanceName" : "tlb_sdg_v6",
      "isLocked" : false,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "null"
    }
  ]
```

Get All TLB Instances for SDGs

This request is used to retrieve all the TLB instances for SDGs.

URI	/api/sgd/configmanager/sgdserviceedit/ getAllInstances/root? serviceType=TLB&nodeName=MonitoringSDG-Tier&isGroup=false&limit=5&page=1& node=root&isRoot=true&instanceName=
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Retrieves all TLB service template instances for SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of TLB service instances for SDGs

Output

Sample JSON Output

```
[ { "checkBoxShow" : false,
  "configEditStatus" : "null",
  "count" : "4",
  "deviceId" : "786453",
  "hostNames" : "mobst480w/mobst480x/",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66418,67532",
  "instanceName" : "tlb_sdg",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "null"
},
```

```
{ "checkBoxShow" : false,
  "configEditStatus" : "null",
  "count" : "4",
  "deviceId" : "786453",
  "hostNames" : "mobst480w/mobst480x/",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66642,67756",
  "instanceName" : "tlb_sdg_v6",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "null"
}
```

Get All TLB Instances for SDG Groups

This request is used to retrieve all the TLB instances for SDG groups.

URI	/api/sgd/configmanager/sgdserviceedit/ getAllInstances/root?serviceType=TLB &nodeName=Default-Group&isGroup=true&limit=5&page=1 &node=root&isRoot=true&instanceName=
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Retrieves all TLB service template instances for SDG groups

Response Status Code

Message	Description
200 OK	Successful retrieval of TLB service instances for SDG groups

Output

Sample JSON Output

```
[ { "checkBoxShow" : false,
  "configEditStatus" : "null",
  "count" : "4",
  "deviceId" : "786453",
  "hostNames" : "mobst480w/mobst480x/",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66418,67532",
  "instanceName" : "tlb_sdg",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "null"
},
{ "checkBoxShow" : false,
```

```
"configEditStatus" : "null",
"count" : "4",
"deviceId" : "786453",
"hostNames" : "mobst480w/mobst480x/",
"iconCls" : "x4-tree-noicon-sgd",
"id" : "66642,67756",
"instanceName" : "tlb_sdg_v6",
"isLocked" : false,
"sdgHost" : "mobst480w-mobst480x",
"text" : "null"
}
]
```

Lock a TLB Instance

This request is used to lock a TLB instance.

URI	/api/sgd/configmanager/sgdserviceedit/lockInstances? serviceType=TLB
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Locks a TLB service template instance

Response Status Code

Message	Description
200 OK	Successful lock of a TLB service instance

Input

Sample JSON Input 65876 (Rule Id to lock)

Output

Sample JSON Output TRUE

Unlock a TLB Instance

This request is used to unlock a TLB instance.

URI	/api/sgd/configmanager/sgdserviceedit/unlockInstances? serviceType=TLB
HTTP Method	POST

Content-Type	application/vnd.net.juniper.space.serviceedit. servicedetails+json;version="1"
Consumes	None
Produces	Unlocks a TLB service template instance

Response Status Code

Message	Description
200 OK	Successful unlock of a TLB service instance

Input

Sample JSON Input 65876 (Rule Id to unlock)

Output

Sample JSON Output TRUE

Prepare Service Structure For Editing a TLB Instance

This request is used to prepare a service structure to modify a TLB service instance.

URI	/api/sgd/configmanager/servicetemplate/ prepareservicestructurefromhost
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.servicetemplate. prepareservicestructure+json;version="1"
Consumes	None
Produces	Prepares a service structure for editing TLB instances

Response Status Code

Message	Description
200 OK	Successful construction of a service structure for editing TLB instances

Input

Sample JSON Input { "serviceTemplateInput" : { "ServiceEdit" : true,
"configEditStatus" : "UPDATED",
"count" : "2",
"deviceId" : "557284",
"hostIds" : ["65876",


```

    "66840"
  ],
  "hostName" : "mcmx240c",
  "hostNames" : "mcmx240a/mcmx240c/",
  "id" : "65876",
  "instanceName" : "tlb1",
  "record" : "mcmx240c",
  "sdgName" : "mcmx240a-mcmx240c",
  "serviceType" : "TLB"
} }

```

Output

Sample JSON Output

```

{ "response" : { "serviceInstanceName" : "tlb_sdg_v6",
  "serviceType" : "TLB",
  "to" : { "configViewComponentsTOs" : [ { "configViewComponentList" : [ {
"configData" :
"{\"id\":\"66645\",\"createdBy\":\"null\",\"modifiedBy\":\"null\",\"createdTime\":\"1416379028000\",\"modifiedTime\":\"1416379028000\",\"userOperationType\":\"null\",\"name\":\"rs_v6_1\",\"description\":\"null\",\"objectCreateType\":\"null\",\"type\":\"IPv6\",\"address\":\"5045::11\",\"realServerHealthCheck\":\"null\",\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66645\"}",
    "configKnob" : "real-servers",
    "description" : "",
    "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
    "labelAlign" : "right",
    "name" : "rs_v6_1",
    "parentPanel" : "real-servers",
    "truncatedName" : "rs_v6_1"
  },
  { "configData" :
"{\"id\":\"66646\",\"createdBy\":\"null\",\"modifiedBy\":\"null\",\"createdTime\":\"1416379028000\",\"modifiedTime\":\"1416379028000\",\"userOperationType\":\"null\",\"name\":\"rs_v6_10\",\"description\":\"null\",\"objectCreateType\":\"null\",\"type\":\"IPv6\",\"address\":\"5045::1a\",\"realServerHealthCheck\":\"null\",\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66646\"}",
    "configKnob" : "real-servers",
    "description" : "",
    "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
    "labelAlign" : "right",
    "name" : "rs_v6_10",
    "parentPanel" : "real-servers",
    "truncatedName" : "rs_v6_10"
  },
  { "configData" :
"{\"id\":\"66647\",\"createdBy\":\"null\",\"modifiedBy\":\"null\",\"createdTime\":\"1416379028000\",\"modifiedTime\":\"1416379028000\",\"userOperationType\":\"null\",\"name\":\"rs_v6_100\",\"description\":\"null\",\"objectCreateType\":\"null\",\"type\":\"IPv6\",\"address\":\"5045::74\",\"realServerHealthCheck\":\"null\",\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66647\"}",
    "configKnob" : "real-servers",
    "description" : "",
    "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
    "labelAlign" : "right",
    "name" : "rs_v6_100",
    "parentPanel" : "real-servers",

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        "truncatedName" : "rs_v6_10.."
    },
    { "configData" :
    "{ \"id\":66648,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime
    \":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_101\", \"description\":null,\"objectCre
    ateType\":null,\"type\":\"IPv6\", \"address\":\"5045::75\", \"realServerHealthCheck\":null,\"realServerTy
    pe\":\"TLB\", \"moid\":\"netjuniperjimp.sgd.configmanager.config.jpa.common.RealServerEntity:66648
    \"}",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_101",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_10.."
    },
    { "configData" :
    "{ \"id\":66649,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime
    \":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_102\", \"description\":null,\"objectCre
    ateType\":null,\"type\":\"IPv6\", \"address\":\"5045::76\", \"realServerHealthCheck\":null,\"realServerTy
    pe\":\"TLB\", \"moid\":\"netjuniperjimp.sgd.configmanager.config.jpa.common.RealServerEntity:66649
    \"}",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_102",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_10.."
    },
    { "configData" :
    "{ \"id\":66650,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime
    \":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_103\", \"description\":null,\"objectCre
    ateType\":null,\"type\":\"IPv6\", \"address\":\"5045::77\", \"realServerHealthCheck\":null,\"realServerTy
    pe\":\"TLB\", \"moid\":\"netjuniperjimp.sgd.configmanager.config.jpa.common.RealServerEntity:66650
    \"}",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
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    ateType\":null,\"type\":\"IPv6\",\"address\":\"5045::7f\",\"realServerHealthCheck\":null,\"realServerTy
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    \"}",
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    ateType\":null,\"type\":\"IPv6\",\"address\":\"5045:d8\",\"realServerHealthCheck\":null,\"realServerTy
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\\\"} \"",
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        "pe\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66768\""
        "}",
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        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
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        "name" : "rs_v6_21",
        "parentPanel" : "real-servers",
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        "pe\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66769"
        "\": \"\"",
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        "\": \"\"",
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        "description" : "",
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        "\": \"\"",
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        pe\":\"TLB\", \"moid\":\"net:juniper:imp.sgd.configmanager.config:jpa.common.RealServerEntity:66772
        \"} ",
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        pe\":\"TLB\", \"moid\":\"net:juniper:imp.sgd.configmanager.config:jpa.common.RealServerEntity:66773
        \"} ",
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        ateType\":null,\"type\":\"IPv6\", \"address\":\"5045::f8\", \"realServerHealthCheck\":null,\"realServerTy
        pe\":\"TLB\", \"moid\":\"net:juniper:imp.sgd.configmanager.config:jpa.common.RealServerEntity:66775
        \"} ",
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        pe\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpac.common.RealServerEntity:66777
        \"}",
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        pe\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpac.common.RealServerEntity:66779\"
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        "description" : "",
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        "description" : "",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66792\"
} ",
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} ",
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} ",
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        }",
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        e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66799\"
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    e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66800\"
    }",
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    }",
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    }",
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    teType\":null,\"type\": \"IPv6\", \"address\": \"5045:3d\", \"realServerHealthCheck\":null,\"realServerTyp
    e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66803\"
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} ",
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} ",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66806\"
} ",
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} ",
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teType\\\":null,\"type\\\": \"IPv6\\\", \"address\\\": \"5045:4c\\\", \"realServerHealthCheck\\\":null,\"realServerTyp
e\\\": \"TLB\\\", \"moid\\\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66820\\\"
}"}",
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e\\\": \"TLB\\\", \"moid\\\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66821\\\"
}"}",
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teType\\\":null,\"type\\\": \"IPv6\\\", \"address\\\": \"5045:4e\\\", \"realServerHealthCheck\\\":null,\"realServerTyp
e\\\": \"TLB\\\", \"moid\\\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66822\\\"
}"}",
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teType\\\":null,\"type\\\": \"IPv6\\\", \"address\\\": \"5045:4f\\\", \"realServerHealthCheck\\\":null,\"realServerTyp
e\\\": \"TLB\\\", \"moid\\\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66823\\\"
}"}",
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} \",
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} \",
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e\\\":\\\"TLB\\\",\\\"moid\\\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66830\\\"
} \",
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e\\\":\\\"TLB\\\",\\\"moid\\\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66831\\\"
} \",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66832\"
} ",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66833\"
} ",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66834\"
} ",
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} ",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66836\"
} ",
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} ",
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e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66838\"
} ",
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teType\":null,\"type\": \"IPv6\", \"address\": \"5045:5e\", \"realServerHealthCheck\":null,\"realServerTyp
e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66839\"
} ",
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        e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66845\"
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        e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66846\"
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        teType\":null,\"type\": \"IPv6\", \"address\": \"5045:65\", \"realServerHealthCheck\":null,\"realServerTyp
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        }",
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    teType\":null,\"type\": \"IPv6\", \"address\": \"5045:67\", \"realServerHealthCheck\":null,\"realServerTyp
    e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66849\"
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    teType\":null,\"type\": \"IPv6\", \"address\": \"5045:68\", \"realServerHealthCheck\":null,\"realServerTyp
    e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66850\"
    }",
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        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
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    teType\":null,\"type\": \"IPv6\", \"address\": \"5045:69\", \"realServerHealthCheck\":null,\"realServerTyp
    e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66851\"
    }",
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eType\":null,\"type\":\\\"IPv6\\\",\\\"address\\\":\\\"5045:19\\\",\\\"realServerHealthCheck\\\":null,\"realServerTyp
e\\\":\\\"TLB\\\",\\\"moid\\\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66852\\\"
} \",
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e\\\":\\\"TLB\\\",\\\"moid\\\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66853\\\"
} \",
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eType\":null,\"type\":\\\"IPv6\\\",\\\"address\\\":\\\"5045:6b\\\",\\\"realServerHealthCheck\\\":null,\"realServerTyp
e\\\":\\\"TLB\\\",\\\"moid\\\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66854\\\"
} \",
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    },
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    "{ \"id\":66855,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime
\\\":1416379028000,\"userOperationType\":null,\"name\":\\\"rs_v6_92\\\",\\\"description\\\":null,\"objectCreat
eType\":null,\"type\":\\\"IPv6\\\",\\\"address\\\":\\\"5045:6c\\\",\\\"realServerHealthCheck\\\":null,\"realServerTyp
e\\\":\\\"TLB\\\",\\\"moid\\\":\\\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66855\\\"
} \",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_92",
        "parentPanel" : "real-servers",

```

```

        "truncatedName" : "rs_v6_92"
    },
    { "configData" :
        "{ \"id\":66856,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_93\",\"description\":null,\"objectCreateType\":null,\"type\":\"IPv6\",\"address\":\"5045:6d\",\"realServerHealthCheck\":null,\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66856\" }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_93",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_93"
    },
    { "configData" :
        "{ \"id\":66857,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_94\",\"description\":null,\"objectCreateType\":null,\"type\":\"IPv6\",\"address\":\"5045:6e\",\"realServerHealthCheck\":null,\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66857\" }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_94",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_94"
    },
    { "configData" :
        "{ \"id\":66858,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_95\",\"description\":null,\"objectCreateType\":null,\"type\":\"IPv6\",\"address\":\"5045:6f\",\"realServerHealthCheck\":null,\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66858\" }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_95",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_95"
    },
    { "configData" :
        "{ \"id\":66859,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":1416379028000,\"userOperationType\":null,\"name\":\"rs_v6_96\",\"description\":null,\"objectCreateType\":null,\"type\":\"IPv6\",\"address\":\"5045:70\",\"realServerHealthCheck\":null,\"realServerType\":\"TLB\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66859\" }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_96",
        "parentPanel" : "real-servers",

```

```

        "truncatedName" : "rs_v6_96"
    },
    { "configData" :
        "{ \"id\":66860,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":"
        "\":1416379028000,\"userOperationType\":null,\"name\": \"rs_v6_97\", \"description\":null,\"objectCrea"
        "teType\":null,\"type\": \"IPv6\", \"address\": \"5045:71\", \"realServerHealthCheck\":null,\"realServerTyp"
        "e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66860\"
        }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_97",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_97"
    },
    { "configData" :
        "{ \"id\":66861,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":"
        "\":1416379028000,\"userOperationType\":null,\"name\": \"rs_v6_98\", \"description\":null,\"objectCrea"
        "teType\":null,\"type\": \"IPv6\", \"address\": \"5045:72\", \"realServerHealthCheck\":null,\"realServerTyp"
        "e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66861\"
        }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_98",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_98"
    },
    { "configData" :
        "{ \"id\":66862,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":1416379028000,\"modifiedTime\":"
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        "teType\":null,\"type\": \"IPv6\", \"address\": \"5045:73\", \"realServerHealthCheck\":null,\"realServerTyp"
        "e\": \"TLB\", \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66862\"
        }",
        "configKnob" : "real-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/real_server.png",
        "labelAlign" : "right",
        "name" : "rs_v6_99",
        "parentPanel" : "real-servers",
        "truncatedName" : "rs_v6_99"
    }
    ],
    "description" : "Configure application servers",
    "name" : "Real Servers",
    "permissionType" : "EDITABLE",
    "type" : "TLB_REAL_SERVERS"
},
{ "configViewComponentList" : [ { "configData" :
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    "\":1416379028000,\"userOperationType\":null,\"name\": \"http-
    profile\", \"description\":null,\"objectCreateType\":null,\"failureRetries\": \"3\", \"probeInterval\": \"5\",
    \"recoveryRetries\": \"5\", \"networkMonitoringProtocol\": \"HTTP\", \"paramValueMap\": { \"port\": \"80\",
    \"method\": \"get\", \"url\": \"-FORWARD_SPECIAL_CHAR-

```

```

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5\"}],
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  \"image\" : \"/sgd/ui/web/images/viewconfig/routing_instance.png\",
  \"labelAlign\" : \"right\",
  \"name\" : \"http-profile1\",
  \"parentPanel\" : \"network-monitoring\",
  \"truncatedName\" : \"http-pro..\"
},
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  \"{ \"id\":\"66217\",\"createdBy\":null,\"modifiedBy\":null,\"createTime\":\"1416379028000\",\"modifiedTime
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\",\"recoveryRetries\":\"2\",\"networkMonitoringProtocol\":\"TCP\",\"paramValueMap\":{\"port\":\"80
88\"},\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jp.a.tlb.NetworkMonitoringEntity:66217\"},
  \"configKnob\" : \"network-monitoring\",
  \"description\" : \"\",
  \"image\" : \"/sgd/ui/web/images/viewconfig/routing_instance.png\",
  \"labelAlign\" : \"right\",
  \"name\" : \"tcp-profile_v6\",
  \"parentPanel\" : \"network-monitoring\",
  \"truncatedName\" : \"tcp-prof..\"
}
],
\"description\" : \"Configure Health check protocol\",
\"name\" : \"Network Monitoring Profiles\",
\"permissionType\" : \"EDITABLE\",
\"type\" : \"TLB_NETWORK_MONITORING\"
},
{ \"configViewComponentList\" : { \"configData\" :
  \"{ \"id\":\"66643\",\"createdBy\":null,\"modifiedBy\":null,\"createTime\":\"1416379028000\",\"modifiedTime
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```



```
v6_162","rs_v6_163","rs_v6_164","rs_v6_165","rs_v6_166","rs_v6_167","rs_v6_168","rs_v6_169","rs_v6_170","rs_v6_171","rs_v6_172","rs_v6_173","rs_v6_174","rs_v6_175","rs_v6_176","rs_v6_177","rs_v6_178","rs_v6_179","rs_v6_180","rs_v6_181","rs_v6_182","rs_v6_183","rs_v6_184","rs_v6_185","rs_v6_186","rs_v6_187","rs_v6_188","rs_v6_189","rs_v6_190","rs_v6_191","rs_v6_192","rs_v6_193","rs_v6_194","rs_v6_195","rs_v6_196","rs_v6_197","rs_v6_198","rs_v6_199","rs_v6_200","rs_v6_201","rs_v6_202","rs_v6_203","rs_v6_204","rs_v6_205","rs_v6_206","rs_v6_207","rs_v6_208","rs_v6_209","rs_v6_210","rs_v6_211","rs_v6_212","rs_v6_215","rs_v6_216","rs_v6_213","rs_v6_214","rs_v6_218","rs_v6_217"],"routingInstance":"SGI-PRIVATE","networkMonitorings":["http-profile","tcp-profile_v6"],"moid":"net.juniper.jmp.sgd.configmanager.config.jpa.tlb.TLBGroupEntity:66643"}],
```

```
"configKnob": "server-groups",
"description": "",
"image": "/sgd/ui/web/images/viewconfig/server_group.png",
"labelAlign": "right",
"name": "g10_v6",
"parentPanel": "server-groups",
"truncatedName": "g10_v6"
},
"description": "Associate multiple servers with same content to one group",
"name": "Server Groups",
"permissionType": "EDITABLE",
"type": "TLB_SERVER_GROUPS"
},
{ "configViewComponentList": { "configData":
{"id":"null","createdBy":"null","modifiedBy":"null","createTime":"null","modifiedTime":"null","userOperationType":"null","name":"vs10_v6","description":"null","objectCreateType":"null","address":"0::0","routingInstance":"mshp-tproxy-forwarding-instance","group":"g10_v6","loadBalanceMethod":["SOURCEIP"],"rebalanceThreshold":"null","routeMetric":"null","moid":"null"},
"configKnob": "virtual-servers",
"description": "",
"image": "/sgd/ui/web/images/viewconfig/virtual_server.png",
"labelAlign": "right",
"name": "vs10_v6",
"parentPanel": "virtual-servers",
"truncatedName": "vs10_v6"
},
"description": "Create Virtual IP address to accept client requests",
"name": "Virtual Services",
"permissionType": "EDITABLE",
"type": "TLB_VIRTUAL_SERVERS"
},
{ "configViewComponentList": { "configData":
{"id":"66644","createdBy":"null","modifiedBy":"null","createTime":"1416379028000","modifiedTime":"1416379028000","userOperationType":"null","name":"ms-1/0/0/0","description":"null","objectCreateType":"null","interfaceName":"null","unitNames":"null","moid":"net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:66644"},
"configKnob": "ms-interfaces",
"description": "",
"image": "/sgd/ui/web/images/viewconfig/service_pic.png",
"labelAlign": "right",
"name": "ms-1/0/0/0",
"parentPanel": "ms-interfaces",
"truncatedName": "ms-1/0/0/0.."
```

```

    },
    "description" : "Select MS interface for hosting the service",
    "name" : "Service Pics",
    "permissionType" : "DEVICE_SPECIFIC",
    "type" : "TLB_SERVICE_INTERFACES"
  }
],
"noOfPanels" : 10
}
}

```

Save an Edited TLB Instance

This request is used to save a modified TLB instance.

URI	/api/sgd/configmanager/sgdserviceedit/ editserviceinstanceForMultipleHosts? serviceType=TLB&&hosts=mcmx240a,mcmx240c &&hostIds=65876,66840
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.serviceedit .servicedetails+json;version="1"
Consumes	None
Produces	Saves an edited TLB service template instance

Response Status Code

Message	Description
200 OK	Successfully saves a modified TLB instance

Input

Sample JSON Input

```

{ "networkMonitorings" : [ { "createdBy" : null,
    "createdTime" : 1416379028000,
    "description" : null,
    "failureRetries" : "3",
    "id" : 66215,
    "modifiedBy" : null,
    "modifiedTime" : 1416379028000,
    "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jp.a.tlb.NetworkMonitoringEntity:66215",
    "name" : "http-profile1",
    "networkMonitoringProtocol" : "HTTP",
    "objectCreateType" : "CONFIG",
    "paramValueMap" : { "method" : "get",
    "port" : "80",
    "url" : "-FORWARD_SPECIAL_CHAR-64k.html"
  }
}

```

```

    },
    "probeInterval" : "5",
    "recoveryRetries" : "5",
    "userOperationType" : null
  },
  { "createdBy" : null,
    "createdTime" : 1416379028000,
    "description" : null,
    "failureRetries" : "2",
    "id" : 66217,
    "modifiedBy" : null,
    "modifiedTime" : 1416379028000,
    "moid" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.tlb.NetworkMonitoringEntity:66217",
    "name" : "tcp-profile_v6",
    "networkMonitoringProtocol" : "TCP",
    "objectCreateType" : "CONFIG",
    "paramValueMap" : { "port" : "8088" },
    "probeInterval" : "3",
    "recoveryRetries" : "2",
    "userOperationType" : null
  }
],
"objectBuilderImportComponentListMap" : { },
"serviceConfig" : { "groups" : [ { "createdBy" : null,
  "createdTime" : 1416379028000,
  "description" : null,
  "id" : 66643,
  "modifiedBy" : null,
  "modifiedTime" : 1416379028000,
  "moid" : "net.juniper.jmp.sgd.configmanager.config.jpa.tlb.TLBGroupEntity:66643",

  "name" : "g10_v6",
  "networkMonitorings" : [ "http-profile1",
    "tcp-profile_v6"
  ],
  "objectCreateType" : "CONFIG",
  "realServers" : [ "rs_v6_10",
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    "description" : null,
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    "name" : "ms-1/0/0.0",
    "objectCreateType" : "CONFIG",
    "unitNames" : null,
    "userOperationType" : null
  } ],
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    "id" : 66645,

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        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
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      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "description" : null,
      "id" : 66647,
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      "modifiedTime" : 1416379028000,
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      "name" : "rs_v6_100",
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      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "description" : null,
      "id" : 66648,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_101",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
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      "id" : 66649,
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      "modifiedTime" : 1416379028000,
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      "name" : "rs_v6_102",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "createdTime" : 1416379028000,
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      "id" : 66650,
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      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66650",
      "name" : "rs_v6_103",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::78",
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      "description" : null,
      "id" : 66651,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66651",
      "name" : "rs_v6_104",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::79",
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      "id" : 66652,

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        "name" : "rs_v6_105",
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        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
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    { "address" : "5045::7a",
      "createdBy" : null,
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      "id" : 66653,
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      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66653",
        "name" : "rs_v6_106",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
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      "description" : null,
      "id" : 66654,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
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        "name" : "rs_v6_107",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
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      "description" : null,
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      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66656",
      "name" : "rs_v6_109",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::1b",
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      "id" : 66657,
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      "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66657",
      "name" : "rs_v6_11",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_110",
      "objectCreateType" : "CONFIG",
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      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::7f",
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      "modifiedTime" : 1416379028000,
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      "type" : "IPv6",
      "userOperationType" : null
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      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "modifiedTime" : 1416379028000,
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      "realServerHealthCheck" : null,
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      "modifiedTime" : 1416379028000,
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      "name" : "rs_v6_115",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "id" : 66664,
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      "modifiedTime" : 1416379028000,
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      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "id" : 66665,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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        "userOperationType" : null
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      "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66667",
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      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "id" : 66668,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
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      "name" : "rs_v6_12",
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      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "id" : 66669,
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      "modifiedTime" : 1416379028000,
      "moid" :
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      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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      "name" : "rs_v6_121",
      "objectCreateType" : "CONFIG",
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      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "description" : null,
      "id" : 66671,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66671",
      "name" : "rs_v6_122",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::9b",
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      "description" : null,
      "id" : 66672,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66672",
      "name" : "rs_v6_123",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::9c",
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      "createdTime" : 1416379028000,
      "description" : null,
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        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
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      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_125",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_126",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::9f",
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      "description" : null,
      "id" : 66676,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66676",
      "name" : "rs_v6_127",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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      "description" : null,
      "id" : 66677,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_128",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "createdBy" : null,
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      "id" : 66678,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66678",
      "name" : "rs_v6_129",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::1d",
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      "id" : 66679,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66679",
      "name" : "rs_v6_13",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::a2",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66680,

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        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
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      "description" : null,
      "id" : 66681,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_131",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::a4",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66682,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_132",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::a5",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66683,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66683",
      "name" : "rs_v6_133",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
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        "userOperationType" : null
    },
    { "address" : "5045::a6",
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      "description" : null,
      "id" : 66684,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_134",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::a7",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66685,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66685",
      "name" : "rs_v6_135",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::a8",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66686,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_136",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::a9",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66687,

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        "name" : "rs_v6_137",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::aa",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66688,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66688",
      "name" : "rs_v6_138",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ab",
      "createdBy" : null,
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      "description" : null,
      "id" : 66689,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_139",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::1e",
      "createdBy" : null,
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      "description" : null,
      "id" : 66690,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66690",
      "name" : "rs_v6_14",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
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        "type" : "IPv6",
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    { "address" : "5045::ac",
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      "description" : null,
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      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66691",
      "name" : "rs_v6_140",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ad",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66692,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66692",
      "name" : "rs_v6_141",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ae",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66693,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66693",
      "name" : "rs_v6_142",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::af",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66694,

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        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
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        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::b0",
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      "id" : 66695,
      "modifiedBy" : null,
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      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66695",
      "name" : "rs_v6_144",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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      "id" : 66696,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66696",
      "name" : "rs_v6_145",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::b2",
      "createdBy" : null,
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      "description" : null,
      "id" : 66697,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66697",
      "name" : "rs_v6_146",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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      "description" : null,
      "id" : 66698,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66698",
      "name" : "rs_v6_147",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::b4",
      "createdBy" : null,
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      "description" : null,
      "id" : 66699,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66699",
      "name" : "rs_v6_148",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::b5",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66700,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66700",
      "name" : "rs_v6_149",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::1f",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66701,

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        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::b6",
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      "id" : 66702,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_150",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::b7",
      "createdBy" : null,
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      "description" : null,
      "id" : 66703,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_151",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::b8",
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      "id" : 66704,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66704",
      "name" : "rs_v6_152",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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    { "address" : "5045::b9",
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      "description" : null,
      "id" : 66705,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66705",
      "name" : "rs_v6_153",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ba",
      "createdBy" : null,
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      "description" : null,
      "id" : 66706,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66706",
      "name" : "rs_v6_154",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::bb",
      "createdBy" : null,
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      "description" : null,
      "id" : 66707,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66707",
      "name" : "rs_v6_155",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::bc",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66708,

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        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
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      "createdBy" : null,
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      "description" : null,
      "id" : 66709,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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        "name" : "rs_v6_157",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::be",
      "createdBy" : null,
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      "description" : null,
      "id" : 66710,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66710",
        "name" : "rs_v6_158",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::bf",
      "createdBy" : null,
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      "description" : null,
      "id" : 66711,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66711",
        "name" : "rs_v6_159",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
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      "description" : null,
      "id" : 66712,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66712",
      "name" : "rs_v6_16",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c0",
      "createdBy" : null,
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      "description" : null,
      "id" : 66713,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66713",
      "name" : "rs_v6_160",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c1",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66714,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66714",
      "name" : "rs_v6_161",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c2",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66715,

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        "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66715",
        "name" : "rs_v6_162",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::c3",
      "createdBy" : null,
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      "description" : null,
      "id" : 66716,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66716",
      "name" : "rs_v6_163",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c4",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66717,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66717",
      "name" : "rs_v6_164",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c5",
      "createdBy" : null,
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      "description" : null,
      "id" : 66718,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66718",
      "name" : "rs_v6_165",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "userOperationType" : null
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      "description" : null,
      "id" : 66719,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66719",
      "name" : "rs_v6_166",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c7",
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      "id" : 66720,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66720",
      "name" : "rs_v6_167",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::c8",
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      "id" : 66721,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66721",
      "name" : "rs_v6_168",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::c9",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
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        "name" : "rs_v6_169",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66723,
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      "modifiedTime" : 1416379028000,
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      "name" : "rs_v6_17",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ca",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66724,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66724",
      "name" : "rs_v6_170",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::cb",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66725,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66725",
      "name" : "rs_v6_171",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
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        "type" : "IPv6",
        "userOperationType" : null
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    { "address" : "5045::cc",
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      "description" : null,
      "id" : 66726,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66726",
      "name" : "rs_v6_172",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::cd",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66727,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66727",
      "name" : "rs_v6_173",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ce",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66728,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66728",
      "name" : "rs_v6_174",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::cf",
      "createdBy" : null,
      "createdTime" : 1416379028000,
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        "modifiedBy" : null,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66729",
        "name" : "rs_v6_175",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::d0",
      "createdBy" : null,
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      "description" : null,
      "id" : 66730,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66730",
      "name" : "rs_v6_176",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::d1",
      "createdBy" : null,
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      "description" : null,
      "id" : 66731,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66731",
      "name" : "rs_v6_177",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::d2",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66732,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66732",
      "name" : "rs_v6_178",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
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    { "address" : "5045::d3",
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      "description" : null,
      "id" : 66733,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66733",
      "name" : "rs_v6_179",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::22",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66734,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66734",
      "name" : "rs_v6_18",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::d4",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66735,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66735",
      "name" : "rs_v6_180",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::d5",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66736,

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        "name" : "rs_v6_181",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
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        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::d6",
      "createdBy" : null,
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      "id" : 66737,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66737",
      "name" : "rs_v6_182",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::d7",
      "createdBy" : null,
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      "description" : null,
      "id" : 66738,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66738",
      "name" : "rs_v6_183",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::d8",
      "createdBy" : null,
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      "description" : null,
      "id" : 66739,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66739",
      "name" : "rs_v6_184",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
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    { "address" : "5045::d9",
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      "description" : null,
      "id" : 66740,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66740",
      "name" : "rs_v6_185",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::da",
      "createdBy" : null,
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      "description" : null,
      "id" : 66741,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66741",
      "name" : "rs_v6_186",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::db",
      "createdBy" : null,
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      "description" : null,
      "id" : 66742,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66742",
      "name" : "rs_v6_187",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::dc",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66743,

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        "name" : "rs_v6_188",
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        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
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      "createdBy" : null,
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      "id" : 66744,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66744",
      "name" : "rs_v6_189",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::23",
      "createdBy" : null,
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      "description" : null,
      "id" : 66745,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66745",
      "name" : "rs_v6_19",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::de",
      "createdBy" : null,
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      "id" : 66746,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66746",
      "name" : "rs_v6_190",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
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      "description" : null,
      "id" : 66747,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
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      "name" : "rs_v6_191",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e0",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66748,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66748",
      "name" : "rs_v6_192",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e1",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66749,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66749",
      "name" : "rs_v6_193",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e2",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66750,

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66750",
        "name" : "rs_v6_194",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::e3",
      "createdBy" : null,
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      "description" : null,
      "id" : 66751,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66751",
      "name" : "rs_v6_195",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e4",
      "createdBy" : null,
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      "description" : null,
      "id" : 66752,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66752",
      "name" : "rs_v6_196",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e5",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66753,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66753",
      "name" : "rs_v6_197",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
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      "description" : null,
      "id" : 66754,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66754",
      "name" : "rs_v6_198",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e7",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66755,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66755",
      "name" : "rs_v6_199",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::12",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66756,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66756",
      "name" : "rs_v6_2",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::24",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66757,

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        "modifiedBy" : null,
        "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66757",
        "name" : "rs_v6_20",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::e8",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66758,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66758",
      "name" : "rs_v6_200",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::e9",
      "createdBy" : null,
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      "description" : null,
      "id" : 66759,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66759",
      "name" : "rs_v6_201",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ea",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66760,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66760",
      "name" : "rs_v6_202",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::eb",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66761,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66761",
      "name" : "rs_v6_203",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ec",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66762,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66762",
      "name" : "rs_v6_204",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ed",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66763,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66763",
      "name" : "rs_v6_205",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::ee",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66764,

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        "name" : "rs_v6_206",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::ef",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66765,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66765",
      "name" : "rs_v6_207",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::f0",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66766,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66766",
      "name" : "rs_v6_208",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::f1",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66767,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66767",
      "name" : "rs_v6_209",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
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    { "address" : "5045::25",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66768,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66768",
      "name" : "rs_v6_21",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::f2",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66769,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66769",
      "name" : "rs_v6_210",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::f3",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66770,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66770",
      "name" : "rs_v6_211",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::f4",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66771,

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        "modifiedBy" : null,
        "modifiedTime" : 1416379028000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66771",
        "name" : "rs_v6_212",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::f5",
      "createdBy" : null,
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      "description" : null,
      "id" : 66772,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66772",
      "name" : "rs_v6_213",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::f6",
      "createdBy" : null,
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      "description" : null,
      "id" : 66773,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66773",
      "name" : "rs_v6_214",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::f7",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66774,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66774",
      "name" : "rs_v6_215",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
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    { "address" : "5045::f8",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66775,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66775",
      "name" : "rs_v6_216",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::f9",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66776,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66776",
      "name" : "rs_v6_217",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::fa",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66777,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66777",
      "name" : "rs_v6_218",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::26",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66778,

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        "modifiedBy" : null,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66778",
        "name" : "rs_v6_22",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::27",
      "createdBy" : null,
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      "id" : 66779,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66779",
      "name" : "rs_v6_23",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::28",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66780,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66780",
      "name" : "rs_v6_24",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::29",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66781,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66781",
      "name" : "rs_v6_25",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
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    { "address" : "5045::2a",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66782,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66782",
      "name" : "rs_v6_26",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::2b",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66783,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66783",
      "name" : "rs_v6_27",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::2c",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66784,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66784",
      "name" : "rs_v6_28",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::2d",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66785,

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66785",
        "name" : "rs_v6_29",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::13",
      "createdBy" : null,
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      "id" : 66786,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66786",
      "name" : "rs_v6_3",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::2e",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66787,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66787",
      "name" : "rs_v6_30",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::2f",
      "createdBy" : null,
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      "description" : null,
      "id" : 66788,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66788",
      "name" : "rs_v6_31",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
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    { "address" : "5045::30",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66789,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66789",
      "name" : "rs_v6_32",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::31",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66790,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66790",
      "name" : "rs_v6_33",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::32",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66791,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66791",
      "name" : "rs_v6_34",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::33",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66792,

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66792",
        "name" : "rs_v6_35",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::34",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66793,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66793",
      "name" : "rs_v6_36",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::35",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66794,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66794",
      "name" : "rs_v6_37",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::36",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66795,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66795",
      "name" : "rs_v6_38",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::37",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66796,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66796",
      "name" : "rs_v6_39",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::14",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66797,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66797",
      "name" : "rs_v6_4",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::38",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66798,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66798",
      "name" : "rs_v6_40",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::39",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66799,

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        "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66799",
        "name" : "rs_v6_41",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::3a",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66800,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66800",
      "name" : "rs_v6_42",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::3b",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66801,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66801",
      "name" : "rs_v6_43",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::3c",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66802,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66802",
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      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
```

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        "userOperationType" : null
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    { "address" : "5045::3d",
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      "description" : null,
      "id" : 66803,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66803",
      "name" : "rs_v6_45",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::3e",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66804,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66804",
      "name" : "rs_v6_46",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::3f",
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      "description" : null,
      "id" : 66805,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66805",
      "name" : "rs_v6_47",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
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      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66806,

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        "name" : "rs_v6_48",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::41",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66807,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66807",
      "name" : "rs_v6_49",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::15",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66808,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66808",
      "name" : "rs_v6_5",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::42",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66809,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66809",
      "name" : "rs_v6_50",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
```

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        "type" : "IPv6",
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    },
    { "address" : "5045::43",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66810,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66810",
      "name" : "rs_v6_51",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::44",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66811,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66811",
      "name" : "rs_v6_52",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::45",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
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      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66812",
      "name" : "rs_v6_53",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::46",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66813,

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66813",
        "name" : "rs_v6_54",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::47",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66814,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66814",
      "name" : "rs_v6_55",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::48",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66815,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66815",
      "name" : "rs_v6_56",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
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    { "address" : "5045::49",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66816,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66816",
      "name" : "rs_v6_57",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
```



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        "type" : "IPv6",
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    { "address" : "5045::4a",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66817,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66817",
      "name" : "rs_v6_58",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::4b",
      "createdBy" : null,
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      "description" : null,
      "id" : 66818,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66818",
      "name" : "rs_v6_59",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::16",
      "createdBy" : null,
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      "description" : null,
      "id" : 66819,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66819",
      "name" : "rs_v6_6",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::4c",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66820,

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        "name" : "rs_v6_60",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::4d",
      "createdBy" : null,
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      "description" : null,
      "id" : 66821,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66821",
      "name" : "rs_v6_61",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::4e",
      "createdBy" : null,
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      "description" : null,
      "id" : 66822,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66822",
      "name" : "rs_v6_62",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::4f",
      "createdBy" : null,
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      "id" : 66823,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66823",
      "name" : "rs_v6_63",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
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```

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      "description" : null,
      "id" : 66824,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66824",
      "name" : "rs_v6_64",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::51",
      "createdBy" : null,
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      "id" : 66825,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66825",
      "name" : "rs_v6_65",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::52",
      "createdBy" : null,
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      "description" : null,
      "id" : 66826,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66826",
      "name" : "rs_v6_66",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::53",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66827,

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        "name" : "rs_v6_67",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::54",
      "createdBy" : null,
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      "description" : null,
      "id" : 66828,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66828",
      "name" : "rs_v6_68",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::55",
      "createdBy" : null,
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      "description" : null,
      "id" : 66829,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66829",
      "name" : "rs_v6_69",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::17",
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      "id" : 66830,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66830",
      "name" : "rs_v6_7",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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      "description" : null,
      "id" : 66831,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66831",
      "name" : "rs_v6_70",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::57",
      "createdBy" : null,
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      "id" : 66832,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66832",
      "name" : "rs_v6_71",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::58",
      "createdBy" : null,
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      "description" : null,
      "id" : 66833,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66833",
      "name" : "rs_v6_72",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::59",
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      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66834,

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        "name" : "rs_v6_73",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::5a",
      "createdBy" : null,
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      "id" : 66835,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66835",
      "name" : "rs_v6_74",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::5b",
      "createdBy" : null,
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      "description" : null,
      "id" : 66836,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66836",
      "name" : "rs_v6_75",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::5c",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66837,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66837",
      "name" : "rs_v6_76",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
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        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::5d",
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      "description" : null,
      "id" : 66838,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66838",
      "name" : "rs_v6_77",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::5e",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66839,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66839",
      "name" : "rs_v6_78",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::5f",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66840,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66840",
      "name" : "rs_v6_79",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::18",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66841,

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        "modifiedTime" : 1416379028000,
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        "name" : "rs_v6_8",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::60",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66842,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66842",
      "name" : "rs_v6_80",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::61",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66843,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66843",
      "name" : "rs_v6_81",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::62",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66844,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66844",
      "name" : "rs_v6_82",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
```



```

        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::63",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66845,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66845",
      "name" : "rs_v6_83",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::64",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66846,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66846",
      "name" : "rs_v6_84",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::65",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66847,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66847",
      "name" : "rs_v6_85",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::66",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66848,

```

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        "modifiedBy" : null,
        "modifiedTime" : 1416379028000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66848",
        "name" : "rs_v6_86",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::67",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66849,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66849",
      "name" : "rs_v6_87",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::68",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66850,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66850",
      "name" : "rs_v6_88",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::69",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66851,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66851",
      "name" : "rs_v6_89",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
```

```

        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::19",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66852,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66852",
      "name" : "rs_v6_9",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::6a",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66853,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66853",
      "name" : "rs_v6_90",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::6b",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66854,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66854",
      "name" : "rs_v6_91",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::6c",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66855,

```

```
        "modifiedBy" : null,
        "modifiedTime" : 1416379028000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66855",
        "name" : "rs_v6_92",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::6d",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66856,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66856",
      "name" : "rs_v6_93",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::6e",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66857,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66857",
      "name" : "rs_v6_94",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::6f",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66858,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66858",
      "name" : "rs_v6_95",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
```

```

        "type" : "IPv6",
        "userOperationType" : null
    },
    { "address" : "5045::70",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66859,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66859",
      "name" : "rs_v6_96",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::71",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66860,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66860",
      "name" : "rs_v6_97",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::72",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66861,
      "modifiedBy" : null,
      "modifiedTime" : 1416379028000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66861",
      "name" : "rs_v6_98",
      "objectCreateType" : "CONFIG",
      "realServerHealthCheck" : null,
      "realServerType" : "TLB",
      "type" : "IPv6",
      "userOperationType" : null
    },
    { "address" : "5045::73",
      "createdBy" : null,
      "createdTime" : 1416379028000,
      "description" : null,
      "id" : 66862,

```

```

        "modifiedBy" : null,
        "modifiedTime" : 1416379028000,
        "moid" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:66862",
        "name" : "rs_v6_99",
        "objectCreateType" : "CONFIG",
        "realServerHealthCheck" : null,
        "realServerType" : "TLB",
        "type" : "IPv6",
        "userOperationType" : null
    }
],
"virtualServices" : [ { "address" : "0::0",
    "createdBy" : null,
    "createdTime" : null,
    "description" : null,
    "group" : "g10_v6",
    "id" : null,
    "loadBalanceMethod" : [ "SOURCEIP" ],
    "modifiedBy" : null,
    "modifiedTime" : null,
    "moid" : null,
    "name" : "vs10_v6",
    "objectCreateType" : "CONFIG",
    "rebalanceThreshold" : null,
    "routeMetric" : null,
    "routingInstance" : "msp-tpoxy-forwarding-instance",
    "userOperationType" : null
    } ]
}
}

```

Output

Sample JSON Output net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCServiceEntity:0

Delete a TLB Instance

This request is used to delete a TLB instance.

URI	/api/sgd/configmanager/sgdserviceedit/ deleteInstances?serviceType=TLB
HTTP Method	POST
Content-Type	application/json
Consumes	None
Produces	Deletes a TLB service template instance

Response Status Code

Message	Description
200 OK	Successful deletion of a TLB service instance

Input

Sample JSON Input 80463 (Instance Id To Delete)

Output

Sample JSON Output TRUE

Discard the Changes Made to a TLB Instance

This request is used to discard the configuration changes that were done to a TLB instance.

URI	/api/sgd/configmanager/sgdserviceedit/discardchanges?serviceType=TLB
HTTP Method	POST
Content-Type	application/json
Consumes	None
Produces	Discards the changes made to a TLB service template instance

Response Status Code

Message	Description
200 OK	Successful discard of the changes made to a TLB service instance

Input

Sample JSON Input 80463 (Instance Id To Delete)

Output

Sample JSON Output TRUE

Send a TLB Instance for Deployment

This request is used to send a TLB instance for deployment.

URI	/api/sgd/configmanager/sgdserviceedit/sendForDeployment?serviceType=TLB&&configEditStatus=UPDATED
HTTP Method	POST

Content-Type	application/vnd.net.juniper.space.serviceedit.editdetails+json;version=1; charset=UTF-8
Consumes	None
Produces	Start deployment for a TLB service template instance

Response Status Code

Message	Description
200 OK	Successful propagation of a TLB service instance for deployment

Input

Sample JSON Input 78495 (Instance Id To Send For Deployment)

Output

Sample JSON Output 79854

Get All CGNAT Rules Throughout a Network

This request is used to retrieve all the CGNAT rules in the network

URI	/api/sgd/configmanager/cgnatpolicyfilter/getCgnat/root?nodeName=All%20Service%20Gateways&isGroup=false&limit=30&page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter.cgnatdetails+json;version=1
Consumes	None
Produces	Retrieves all CGNAT rule instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of CGNAT rules in the network

Output

Sample JSON Output [{ "children" : [{ "checkBoxShow" : true, "configEditStatus" : "null", "iconCls" : "x4-tree-noicon-sgd", "id" : "65763",


```

    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "mynat1",
    "sdgHost" : "mobrg480m",
    "text" : "mynat1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "65759",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "r2",
    "sdgHost" : "mobrg480m",
    "text" : "r2"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "67299",
    "isLocked" : false,
    "matchDirection" : "OUTPUT",
    "ruleName" : "111",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "111"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "66201,67285",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS1-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS1-r1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "66203,67287",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS2-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS2-r1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "66207,67291",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS3-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS3-r1"
  },
}

```

```
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66211,67295",
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "ruleName" : "napt44-SS4-r1",
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "napt44-SS4-r1"
},
"expanded" : true,
"iconCls" : "x4-tree-noicon-sgd",
"sdgHost" : "CGNAT Rules",
"totalRows" : 7
}]
```

Get All CGNAT Rules for SDGs

This request is used to retrieve all the CGNAT rules for SDGs.

URI	/api/sgd/configmanager/cgnatpolicyfilter/getCgnat/root?nodeName=mobst480w-mobst480x&isGroup=false&limit=30&page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter.cgnatdetails+json;version=1
Consumes	None
Produces	Retrieves all CGNAT rule instances for SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of CGNAT rules for SDGs

Output

Sample JSON Output

```
[ { "children" : [ { "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67299",
  "isLocked" : false,
  "matchDirection" : "OUTPUT",
  "ruleName" : "111",
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "111"
},
{ "checkBoxShow" : true,
```

```

    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "67285,66201",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS1-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS1-r1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "67287,66203",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS2-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS2-r1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "67291,66207",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS3-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS3-r1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "66211,67295",
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "ruleName" : "napt44-SS4-r1",
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "napt44-SS4-r1"
  }
],
"expanded" : true,
"iconCls" : "x4-tree-noicon-sgd",
"sdgHost" : "CGNAT Rules",
"totalRows" : 5
}]

```

Get All CGNAT Rules for SDG Groups

This request is used to retrieve all the CGNAT rules for SDG groups.

URI	/api/sgd/configmanager/cgnatpolicyfilter/getCgnat/ root?nodeName=Default-Group&isGroup=true &limit=30&page=1&node=root&isRoot=true
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.policyfilter.cgnatdetails+json;version=1
Consumes	None
Produces	Retrieves all CGNAT rule instances for SDG groups

Response Status Code

Message	Description
200 OK	Successful retrieval of CGNAT rules for SDG groups

Output**Sample JSON Output**

```
[ { "children": [ { "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "65763",
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "ruleName" : "mynat1",
  "sdgHost" : "mobrg480m",
  "text" : "mynat1"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "65759",
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "ruleName" : "r2",
  "sdgHost" : "mobrg480m",
  "text" : "r2"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67299",
  "isLocked" : false,
  "matchDirection" : "OUTPUT",
  "ruleName" : "111",
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "111"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66201,67285",
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "ruleName" : "napt44-SS1-r1",
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "napt44-SS1-r1"
}
]
```

```

    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "66203,67287",
      "isLocked" : false,
      "matchDirection" : "INPUT",
      "ruleName" : "napt44-SS2-r1",
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "napt44-SS2-r1"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "66207,67291",
      "isLocked" : false,
      "matchDirection" : "INPUT",
      "ruleName" : "napt44-SS3-r1",
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "napt44-SS3-r1"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "67295,66211",
      "isLocked" : false,
      "matchDirection" : "INPUT",
      "ruleName" : "napt44-SS4-r1",
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "napt44-SS4-r1"
    }
  ],
  "expanded" : true,
  "iconCls" : "x4-tree-noicon-sgd",
  "sdgHost" : "CGNAT Rules",
  "totalRows" : 7
} ]

```

Lock a CGNAT Rule

This request is used to lock a CGNAT rule.

URI	/api/sgd/configmanager/cgnatpolicyfilter/lockRules
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter. cgnatdetails+json;version=1
Consumes	None
Produces	Locks a CGNAT rule instance

Response Status Code

Message	Description
200 OK	Successful lock of a CGNAT rule

Input

Sample JSON Input 66201,67285

Output

Sample JSON Output TRUE

Unlock a CGNAT Rule

This request is used to unlock a CGNAT rule.

URI	/api/sgd/configmanager/cgnatpolicyfilter/unlockRules
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter.cgnatdetails+json;version=1
Consumes	None
Produces	Unlocks a CGNAT rule instance

Response Status Code

Message	Description
200 OK	Successful unlock of a CGNAT rule

Input

Sample JSON Input 66201,67285

Output

Sample JSON Output TRUE

Prepare Service Structure For Creating or Editing a CGNAT Rule

This request is used to prepare a service structure to create or modify a CGNAT rule.

URI	/api/sgd/configmanager/createCGNATRule/ getAddTermFormData
HTTP Method	POST

Content-Type	application/vnd.net.juniper.space.policyfilter. cgnatRuleCreation.getHosts+json;version=1;charset=UTF-8
Consumes	None
Produces	Prepares a service structure for creating or editing CGNAT rules

Response Status Code

Message	Description
200 OK	Successful construction of a service structure for creating or editing CGNAT rules

Input

Sample JSON Input mobst480w,mobst480x

Output

Sample JSON Output

```
{ "response": { "cgnatAddTermStoreData": { "addressPoolingType": "PAIRED",
  "addresses": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65698",
  "addressType": "NETWORK",
  "createdTime": "2014-11-19T06:36:35Z",
  "id": 65698,
  "ipAddress": "0.0.0.0",
  "ipFamily": "IPv6",
  "isLocked": false,
  "modifiedTime": "2014-11-19T06:36:35Z",
  "name": "0.0.0.0/0",
  "netmask": 0
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65792",
  "addressType": "NETWORK",
  "createdTime": "2014-11-19T06:36:35Z",
  "id": 65792,
  "ipAddress": "10.0.0.0",
  "ipFamily": "IPv4",
  "isLocked": false,
  "modifiedTime": "2014-11-19T06:36:35Z",
  "name": "10.0.0.0/8",
  "netmask": 8
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65793",
  "addressType": "NETWORK",
  "createdTime": "2014-11-19T06:36:35Z",
  "id": 65793,
  "ipAddress": "128.0.0.0",
  "ipFamily": "IPv4",
  "isLocked": false,
  "modifiedTime": "2014-11-19T06:36:35Z",
```

```
        "name" : "128.0.0.0/8",
        "netmask" : 8
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65699",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-19T06:36:35Z",
        "id" : 65699,
        "isLocked" : false,
        "members" : "0.0.0.0/0",
        "modifiedTime" : "2014-11-19T06:36:35Z",
        "name" : "default-route",
        "netmask" : 0
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65537",
        "addressType" : "HOST",
        "createdTime" : "2014-11-19T06:36:08Z",
        "id" : 65537,
        "ipAddress" : "any-ipv6",
        "ipFamily" : "IPv6",
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:36:08Z",
        "name" : "any-ipv6",
        "netmask" : 0,
        "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65538",
        "addressType" : "HOST",
        "createdTime" : "2014-11-19T06:36:08Z",
        "id" : 65538,
        "ipAddress" : "any-ipv4",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:36:08Z",
        "name" : "any-ipv4",
        "netmask" : 0,
        "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65539",
        "addressType" : "HOST",
        "createdTime" : "2014-11-19T06:36:08Z",
        "id" : 65539,
        "ipAddress" : "any-unicast",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:36:08Z",
        "name" : "any-unicast",
        "netmask" : 0,
        "objectCreateType" : "OBJECTBUILDER"
    }
],
"application" : [ { "defaultApplication" : false,
                    "id" : 65540,
```



```
"name" : "junos-dcerpc-msexchange-directory-nspr",
},
{ "defaultApplication" : false,
  "id" : 65541,
  "name" : "junos-dcerpc-msexchange-information-store"
},
{ "defaultApplication" : false,
  "id" : 65542,
  "name" : "junos-dcerpc-msexchange-directory-rfr"
},
{ "defaultApplication" : false,
  "id" : 65543,
  "name" : "junos-dcerpc"
},
{ "defaultApplication" : false,
  "id" : 65544,
  "name" : "junos-dcerpc-endpoint-mapper-service"
},
{ "defaultApplication" : false,
  "id" : 65545,
  "name" : "junos-dce-rpc-portmap"
},
{ "defaultApplication" : false,
  "id" : 65547,
  "name" : "junos-pptp"
},
{ "defaultApplication" : false,
  "id" : 65549,
  "name" : "junos-dns-tcp"
},
{ "defaultApplication" : false,
  "id" : 65551,
  "name" : "junos-dns-udp"
},
{ "defaultApplication" : false,
  "id" : 65553,
  "name" : "junos-rsh"
},
{ "defaultApplication" : false,
  "id" : 65555,
  "name" : "junos-rpc-services-tcp"
},
{ "defaultApplication" : false,
  "id" : 65556,
  "name" : "junos-rpc-services-udp"
},
{ "defaultApplication" : false,
  "id" : 65557,
  "name" : "junos-rpc-portmap-udp"
},
{ "defaultApplication" : false,
  "id" : 65559,
  "name" : "junos-rpc-portmap-tcp"
},
{ "defaultApplication" : false,
  "id" : 65561,
```

```
    "name" : "junos-realaudio"
  },
  { "defaultApplication" : false,
    "id" : 65563,
    "name" : "junos-ip"
  },
  { "defaultApplication" : false,
    "id" : 65564,
    "name" : "junos-ipsec-esp"
  },
  { "defaultApplication" : false,
    "id" : 65565,
    "name" : "junos-sqlnet"
  },
  { "defaultApplication" : false,
    "id" : 65567,
    "name" : "junos-sip"
  },
  { "defaultApplication" : false,
    "id" : 65569,
    "name" : "junos-traceroute-ttl-1"
  },
  { "defaultApplication" : false,
    "id" : 65571,
    "name" : "junos-traceroute"
  },
  { "defaultApplication" : false,
    "id" : 65573,
    "name" : "junos-rlogin"
  },
  { "defaultApplication" : false,
    "id" : 65575,
    "name" : "junos-rexec"
  },
  { "defaultApplication" : false,
    "id" : 65577,
    "name" : "junos-ntalk"
  },
  { "defaultApplication" : false,
    "id" : 65579,
    "name" : "junos-talk-udp"
  },
  { "defaultApplication" : false,
    "id" : 65581,
    "name" : "junos-talk-tcp"
  },
  { "defaultApplication" : false,
    "id" : 65583,
    "name" : "junos-netbios-datagram"
  },
  { "defaultApplication" : false,
    "id" : 65585,
    "name" : "junos-netbios-name-tcp"
  },
  { "defaultApplication" : false,
    "id" : 65587,
```

```
"name" : "junos-netbios-name-udp"
},
{ "defaultApplication" : false,
  "id" : 65589,
  "name" : "junos-netshow"
},
{ "defaultApplication" : false,
  "id" : 65591,
  "name" : "junos-iiop-orbix"
},
{ "defaultApplication" : false,
  "id" : 65593,
  "name" : "junos-iiop-java"
},
{ "defaultApplication" : false,
  "id" : 65595,
  "name" : "junos-icmp-ping"
},
{ "defaultApplication" : false,
  "id" : 65596,
  "name" : "junos-icmp-all"
},
{ "defaultApplication" : false,
  "id" : 65597,
  "name" : "junos-h323"
},
{ "defaultApplication" : false,
  "id" : 65599,
  "name" : "junos-citrix-winframe-udp"
},
{ "defaultApplication" : false,
  "id" : 65601,
  "name" : "junos-citrix-winframe"
},
{ "defaultApplication" : false,
  "id" : 65603,
  "name" : "junos-snmp-trap"
},
{ "defaultApplication" : false,
  "id" : 65605,
  "name" : "junos-snmp-response"
},
{ "defaultApplication" : false,
  "id" : 65607,
  "name" : "junos-snmp-get-next"
},
{ "defaultApplication" : false,
  "id" : 65609,
  "name" : "junos-snmp-get"
},
{ "defaultApplication" : false,
  "id" : 65611,
  "name" : "junos-ftp"
},
{ "defaultApplication" : false,
  "id" : 65613,
```

```
"name" : "junos-tftp"
},
{ "defaultApplication" : false,
  "id" : 65615,
  "name" : "junos-rtsp"
},
{ "defaultApplication" : false,
  "id" : 65617,
  "name" : "junos-netbios-session"
},
{ "defaultApplication" : false,
  "id" : 65619,
  "name" : "junos-smb-session"
},
{ "defaultApplication" : false,
  "id" : 65621,
  "name" : "junos-ssh"
},
{ "defaultApplication" : false,
  "id" : 65623,
  "name" : "junos-telnet"
},
{ "defaultApplication" : false,
  "id" : 65625,
  "name" : "junos-smtp"
},
{ "defaultApplication" : false,
  "id" : 65627,
  "name" : "junos-tacacs"
},
{ "defaultApplication" : false,
  "id" : 65629,
  "name" : "junos-tacacs-ds"
},
{ "defaultApplication" : false,
  "id" : 65631,
  "name" : "junos-dhcp-client"
},
{ "defaultApplication" : false,
  "id" : 65633,
  "name" : "junos-dhcp-server"
},
{ "defaultApplication" : false,
  "id" : 65635,
  "name" : "junos-bootpc"
},
{ "defaultApplication" : false,
  "id" : 65637,
  "name" : "junos-bootps"
},
{ "defaultApplication" : false,
  "id" : 65639,
  "name" : "junos-finger"
},
{ "defaultApplication" : false,
  "id" : 65641,
```

```
"name" : "junos-http"
},
{ "defaultApplication" : false,
  "id" : 65643,
  "name" : "junos-https"
},
{ "defaultApplication" : false,
  "id" : 65645,
  "name" : "junos-pop3"
},
{ "defaultApplication" : false,
  "id" : 65647,
  "name" : "junos-ident"
},
{ "defaultApplication" : false,
  "id" : 65649,
  "name" : "junos-nntp"
},
{ "defaultApplication" : false,
  "id" : 65651,
  "name" : "junos-ntp"
},
{ "defaultApplication" : false,
  "id" : 65653,
  "name" : "junos-imap"
},
{ "defaultApplication" : false,
  "id" : 65655,
  "name" : "junos-imaps"
},
{ "defaultApplication" : false,
  "id" : 65657,
  "name" : "junos-bgp"
},
{ "defaultApplication" : false,
  "id" : 65659,
  "name" : "junos-ldap"
},
{ "defaultApplication" : false,
  "id" : 65661,
  "name" : "junos-snpp"
},
{ "defaultApplication" : false,
  "id" : 65663,
  "name" : "junos-biff"
},
{ "defaultApplication" : false,
  "id" : 65665,
  "name" : "junos-who"
},
{ "defaultApplication" : false,
  "id" : 65667,
  "name" : "junos-syslog"
},
{ "defaultApplication" : false,
  "id" : 65669,
```

```
    "name" : "junos-printer"
  },
  { "defaultApplication" : false,
    "id" : 65671,
    "name" : "junos-rip"
  },
  { "defaultApplication" : false,
    "id" : 65673,
    "name" : "junos-radius"
  },
  { "defaultApplication" : false,
    "id" : 65675,
    "name" : "junos-radacct"
  },
  { "defaultApplication" : false,
    "id" : 65677,
    "name" : "junos-nfsd-tcp"
  },
  { "defaultApplication" : false,
    "id" : 65679,
    "name" : "junos-nfsd-udp"
  },
  { "defaultApplication" : false,
    "id" : 65681,
    "name" : "junos-cvserver"
  },
  { "defaultApplication" : false,
    "id" : 65683,
    "name" : "junos-ldp-tcp"
  },
  { "defaultApplication" : false,
    "id" : 65685,
    "name" : "junos-ldp-udp"
  },
  { "defaultApplication" : false,
    "id" : 65687,
    "name" : "junos-xnm-ssl"
  },
  { "defaultApplication" : false,
    "id" : 65689,
    "name" : "junos-xnm-clear-text"
  },
  { "defaultApplication" : false,
    "id" : 65691,
    "name" : "junos-ike"
  }
],
"applicationSet" : [ { "defaultApplicationSet" : false,
  "id" : 65693,
  "name" : "junos-algs-outbound"
},
{ "defaultApplicationSet" : false,
  "id" : 65694,
  "name" : "junos-management-inbound"
},
{ "defaultApplicationSet" : false,
```

```

        "id" : 65695,
        "name" : "junos-cifs"
    },
    { "defaultApplicationSet" : false,
      "id" : 65696,
      "name" : "junos-routing-inbound"
    }
  ],
  "cgnatPools" : [ { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:65753",
    "address" : { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65754",
      "addressType" : "NETWORK",
      "createdTime" : "2014-11-19T06:36:35Z",
      "id" : 65754,
      "ipAddress" : "10.0.0.0",
      "ipFamily" : "IPv4",
      "isLocked" : false,
      "modifiedTime" : "2014-11-19T06:36:35Z",
      "name" : "10.0.0.0/24",
      "netmask" : 24
    },
    "createdTime" : "2014-11-19T06:36:35Z",
    "id" : 65753,
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:36:35Z",
    "name" : "p2",
    "roundRobin" : false
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:65756",
    "address" : { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65757",
      "addressType" : "HOST",
      "createdTime" : "2014-11-19T06:36:35Z",
      "id" : 65757,
      "ipAddress" : "10.11.10.11",
      "ipFamily" : "IPv4",
      "isLocked" : false,
      "modifiedTime" : "2014-11-19T06:36:35Z",
      "name" : "10.11.10.11/32",
      "netmask" : 32
    },
    "autoPortAllocation" : { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:65755",

      "auto" : true,
      "createdTime" : "2014-11-19T06:36:35Z",
      "id" : 65755,
      "modifiedTime" : "2014-11-19T06:36:35Z",
      "name" : "mynatp1",
      "randomAllocation" : true
    },
    "createdTime" : "2014-11-19T06:36:35Z",
    "id" : 65756,
    "isLocked" : false,

```

```

        "modifiedTime" : "2014-11-19T06:36:35Z",
        "name" : "mynatp1",
        "roundRobin" : true
    }
],
    "hostName" : "mobrg480m",
    "ruleSets" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleSetEntity:65758",
        "cgnatRules" : "r2",
        "createdTime" : "2014-11-19T06:36:35Z",
        "id" : 65758,
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:36:35Z",
        "name" : "rs2"
    },
    "rules" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:65759",
        "createdTime" : "2014-11-19T06:36:35Z",
        "id" : 65759,
        "isLocked" : false,
        "matchDirection" : "INPUT",
        "modifiedTime" : "2014-11-19T06:36:35Z",
        "name" : "r2",
        "natTerms" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:65760",
            "addressPooling" : "PAIRED",
            "createdTime" : "2014-11-19T06:36:35Z",
            "id" : 65760,
            "modifiedTime" : "2014-11-19T06:36:35Z",
            "name" : "t2",
            "sourceAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65761",
                "addressType" : "NETWORK",
                "createdTime" : "2014-11-19T06:36:35Z",
                "id" : 65761,
                "ipAddress" : "10.0.0.0",
                "ipFamily" : "IPv4",
                "isLocked" : false,
                "modifiedTime" : "2014-11-19T06:36:35Z",
                "name" : "10.0.0.0/8",
                "netmask" : 8
            },
            { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65762",
                "addressType" : "NETWORK",
                "createdTime" : "2014-11-19T06:36:35Z",
                "id" : 65762,
                "ipAddress" : "128.0.0.0",
                "ipFamily" : "IPv4",
                "isLocked" : false,
                "modifiedTime" : "2014-11-19T06:36:35Z",
                "name" : "128.0.0.0/8",
                "netmask" : 8
            }
        ]
    }
    ],
    "sourcePool" : { "MOID" :

```



```

"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:65753",
  "address" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65754",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-19T06:36:35Z",
  "id" : 65754,
  "ipAddress" : "10.0.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-19T06:36:35Z",
  "name" : "10.0.0.0/24",
  "netmask" : 24
},
  "createdTime" : "2014-11-19T06:36:35Z",
  "id" : 65753,
  "isLocked" : false,
  "modifiedTime" : "2014-11-19T06:36:35Z",
  "name" : "p2",
  "roundRobin" : false
},
  "syslog" : false,
  "translationType" : "NAPT_44"
}
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:65763",
  "createdTime" : "2014-11-19T06:36:35Z",
  "id" : 65763,
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "modifiedTime" : "2014-11-19T06:36:35Z",
  "name" : "mynat1",
  "natTerms" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATTermEntity:65764",
  "addressPooling" : "PAIRED",
  "createdTime" : "2014-11-19T06:36:35Z",
  "id" : 65764,
  "modifiedTime" : "2014-11-19T06:36:35Z",
  "name" : "mynatt1",
  "sourceAddresses" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65765",
  "addressType" : "HOST",
  "createdTime" : "2014-11-19T06:36:35Z",
  "id" : 65765,
  "ipAddress" : "10.11.10.11",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-19T06:36:35Z",
  "name" : "10.11.10.11/32",
  "netmask" : 32
},
  "sourcePool" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:65756",
  "address" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65757",
  "addressType" : "HOST",

```

```

        "createdTime" : "2014-11-19T06:36:35Z",
        "id" : 65757,
        "ipAddress" : "10.11.10.11",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:36:35Z",
        "name" : "10.11.10.11/32",
        "netmask" : 32
    },
    "autoPortAllocation" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:65755",

        "auto" : true,
        "createdTime" : "2014-11-19T06:36:35Z",
        "id" : 65755,
        "modifiedTime" : "2014-11-19T06:36:35Z",
        "name" : "mynatp1",
        "randomAllocation" : true
    },
    "createdTime" : "2014-11-19T06:36:35Z",
    "id" : 65756,
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:36:35Z",
    "name" : "mynatp1",
    "roundRobin" : true
},
"syslog" : false,
"translationType" : "NAPT_44"
}
}
],
"serviceSets" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:65788",
    "createdTime" : "2014-11-19T06:36:35Z",
    "id" : 65788,
    "insideServiceInterface" : "sp-1/0/0.20",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:36:35Z",
    "name" : "ss2",
    "natRuleSets" : "rs2",
    "outsideServiceInterface" : "sp-1/0/0.30",
    "sfwRuleSets" : "srs2"
},
"translationType" : [ "DYNAMIC_NAT44",
    "NAPT_44",
    "NO_TRANSLATION",
    "DNAT_44"
]
},
"success" : false,
"totalRows" : 0
} }

```

Save an Edited CGNAT Rule

This request is used to save a modified CGNAT rule.

URI	/api/sgd/configmanager/createCGNATRule/ updateCGNATRule
HTTP Method	POST
Content-Type	application/json; charset=UTF-8
Consumes	None
Produces	Saves an edited CGNAT rule instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "configEditData": { "ruleEdits": [ { "allRuleSets": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleSetEntity:65758",
  "cgnatRules": "r2",
  "createdTime": "2014-11-19T06:36:35Z",
  "id": 65758,
  "isLocked": false,
  "modifiedTime": "2014-11-19T06:36:35Z",
  "name": "rs2"
} ],
  "allServiceSets": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:65788",
  "createdTime": "2014-11-19T06:36:35Z",
  "id": 65788,
  "insideServiceInterface": "sp-1/0/0.20",
  "isLocked": false,
  "modifiedTime": "2014-11-19T06:36:35Z",
  "name": "ss2",
  "natRuleSets": "rs2",
  "outsideServiceInterface": "sp-1/0/0.30",
  "sfwRuleSets": "srs2"
} ],
  "cgnatRule": { "description": "",
  "hostName": "mobrg480m",
  "id": 65763,
  "matchDirection": "INPUT",
  "name": "mynat1",
  "natTerms": [ { "addressPooling": "PAIRED",
    "destinationAddresses": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65538",
```

```

        "addressType": "HOST",
        "createdTime": "2014-11-19T06:36:08Z",
        "id": 65538,
        "ipAddress": "any-ipv4",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-19T06:36:08Z",
        "name": "any-ipv4",
        "netmask": 0,
        "objectCreateType": "OBJECTBUILDER"
      } ],
      "hostName": "mobrg480m",
      "name": "mynatt1",
      "ruleId": 65763,
      "sourceAddresses": [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65765",
        "addressType": "HOST",
        "createdTime": "2014-11-19T06:36:35Z",
        "id": 65765,
        "ipAddress": "10.11.10.11",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-19T06:36:35Z",
        "name": "10.11.10.11/32",
        "netmask": 32
      } ],
      "sourcePool": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:65756",
        "address": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65757",
          "addressType": "HOST",
          "createdTime": "2014-11-19T06:36:35Z",
          "id": 65757,
          "ipAddress": "10.11.10.11",
          "ipFamily": "IPv4",
          "isLocked": false,
          "modifiedTime": "2014-11-19T06:36:35Z",
          "name": "10.11.10.11/32",
          "netmask": 32
        },
        "autoPortAllocation": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:65755",
          "auto": true,
          "id": 65755,
          "name": "mynatp1",
          "randomAllocation": true
        },
        "id": 65756,
        "isLocked": false,
        "name": "mynatp1",
        "roundRobin": true
      },
      "translationType": "NAPT_44"
    } ]
  },

```

```

    "hostName" : "mobrg480m",
    "ruleSets" : [ ],
    "serviceSets" : [ ]
  } ] } }

```

Save a New CGNAT Rule

This request is used to save a new CGNAT rule.

URI	/api/sgd/configmanager/createCGNATRule/ createCGNATRule
HTTP Method	POST
Content-Type	application/json; charset=UTF-8
Consumes	None
Produces	Saves a new CGNAT rule instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "configEditData" : { "ruleEdits" : [ { "allRuleSets" : [ ],
    "allServiceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:67512",
    "createdTime" : "2014-11-19T06:37:20Z",
    "id" : 67512,
    "insideServiceInterface" : "sp-2/0/0.100",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:20Z",
    "name" : "NAPT44-SS1",
    "natRules" : "napt44-SS1-r1",
    "outsideServiceInterface" : "sp-2/0/0.1000",
    "replicateServices" : { "nat" : true,
    "replicationThreshold" : 180,
    "statefulFirewall" : true
    },
    "sysLogName" : "local",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:67511",
    "facilityOverride" : "LOCAL1",
    "id" : 67511,
    "ipAddress" : "local",
    "logPrefix" : 456,
    "name" : "local",
    "port" : 2526,

```

```

        "sessionLogsClose" : false,
        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:67515",
    "createdTime" : "2014-11-19T06:37:20Z",
    "id" : 67515,
    "insideServiceInterface" : "sp-2/1/0.100",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:20Z",
    "name" : "NAPT44-SS2",
    "natRules" : "napt44-SS2-r1",
    "outsideServiceInterface" : "sp-2/1/0.1000",
    "replicateServices" : { "nat" : true,
        "replicationThreshold" : 180,
        "statefulFirewall" : true
    },
    "sysLogName" : "10.2.1.1",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:67514",
        "id" : 67514,
        "ipAddress" : "10.2.1.1",
        "name" : "10.2.1.1",
        "sessionLogsClose" : false,
        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:67516",
    "createdTime" : "2014-11-19T06:37:20Z",
    "id" : 67516,
    "insideServiceInterface" : "sp-1/1/0.99",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:20Z",
    "name" : "IPv6-SFW",
    "outsideServiceInterface" : "sp-1/1/0.100",
    "sfwRules" : "IPv6-SFW"
    }
],
"cgnatRule" : { "description" : "",
    "hostName" : "mobst480w",
    "matchDirection" : "INPUT",
    "name" : "term-t1",
    "natTerms" : [ { "addressPooling" : "PAIRED",
        "applicationSets" : [ "SDG-APPS" ],
        "destPortEndVal" : "200",
        "destPortStartVal" : "100",
        "destinationAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:67527",
            "addressType" : "NETWORK",
            "createdTime" : "2014-11-19T06:37:20Z",
            "id" : 67527,
            "ipAddress" : "10.128.0.0",

```

```

        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:37:20Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
    } ],
    "hostName" : "mobst480w",
    "name" : "term-t1",
    "sourceAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:67043",
        "addressType" : "GROUP",
        "createdBy" : "super",
        "createdTime" : "2014-11-19T08:49:22Z",
        "id" : 67043,
        "isLocked" : false,
        "members" : "10.252.0.0/14",
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-19T08:49:22Z",
        "name" : "lwaactivate",
        "netmask" : 0
    } ],
    "sourcePool" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:67259",
        "address" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:67262",
            "addressType" : "RANGE",
            "createdTime" : "2014-11-19T06:37:20Z",
            "hiIp" : "192.168.75.63",
            "id" : 67262,
            "ipFamily" : "IPv4",
            "isLocked" : false,
            "lowIp" : "192.168.75.0",
            "modifiedTime" : "2014-11-19T06:37:20Z",
            "name" : "192.168.75.0-192.168.75.63",
            "netmask" : 0
        },
        "autoPortAllocation" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:67258",
            "auto" : true,
            "createdTime" : "2014-11-19T06:37:20Z",
            "id" : 67258,
            "modifiedTime" : "2014-11-19T06:37:20Z",
            "name" : "napt44-SS1-p1",
            "randomAllocation" : true
        },
        "createdTime" : "2014-11-19T06:37:20Z",
        "id" : 67259,
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:37:20Z",
        "name" : "napt44-SS1-p1",
        "roundRobin" : true
    },
    "translationType" : "NAPT_44"
} ]
},

```

```
    "hostName" : "mobst480w",
    "ruleSets" : [ ],
    "serviceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpaserviceset.ServiceSetEntity:67512",
    "createdTime" : "2014-11-19T06:37:20Z",
    "id" : 67512,
    "insideServiceInterface" : "sp-2/0/0.100",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:20Z",
    "name" : "NAPT44-SS1",
    "natRules" : "napt44-SS1-r1",
    "outsideServiceInterface" : "sp-2/0/0.1000",
    "replicateServices" : { "nat" : true,
    "replicationThreshold" : 180,
    "statefulFirewall" : true
    },
    "sysLogName" : "local",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpaserviceset.SyslogEntity:67511",
    "facilityOverride" : "LOCAL1",
    "id" : 67511,
    "ipAddress" : "local",
    "logPrefix" : 456,
    "name" : "local",
    "port" : 2526,
    "sessionLogsClose" : false,
    "sessionLogsOpen" : false,
    "syslogServiceType" : "ANY"
    }
    }
    ]
  },
  { "allRuleSets" : [ ],
    "allServiceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpaserviceset.ServiceSetEntity:66401",
    "createdTime" : "2014-11-19T06:37:08Z",
    "id" : 66401,
    "insideServiceInterface" : "sp-2/0/0.100",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:08Z",
    "name" : "NAPT44-SS1",
    "natRules" : "napt44-SS1-r1",
    "outsideServiceInterface" : "sp-2/0/0.1000",
    "replicateServices" : { "nat" : true,
    "replicationThreshold" : 180,
    "statefulFirewall" : true
    },
    "sysLogName" : "local",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpaserviceset.SyslogEntity:66400",
    "facilityOverride" : "LOCAL1",
    "id" : 66400,
    "ipAddress" : "local",
    "logPrefix" : 456,
    "name" : "local",
    "port" : 1000,
    "sessionLogsClose" : false,
```



```

        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:66404",
    "createdTime" : "2014-11-19T06:37:08Z",
    "id" : 66404,
    "insideServiceInterface" : "sp-2/1/0.100",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:08Z",
    "name" : "NAPT44-SS2",
    "natRules" : "napt44-SS2-r1",
    "outsideServiceInterface" : "sp-2/1/0.1000",
    "replicateServices" : { "nat" : true,
        "replicationThreshold" : 180,
        "statefulFirewall" : true
    },
    "sysLogName" : "10.2.1.1",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:66403",
        "id" : 66403,
        "ipAddress" : "10.2.1.1",
        "name" : "10.2.1.1",
        "sessionLogsClose" : false,
        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:66405",
    "createdTime" : "2014-11-19T06:37:08Z",
    "id" : 66405,
    "insideServiceInterface" : "sp-1/1/0.99",
    "isLocked" : false,
    "modifiedTime" : "2014-11-19T06:37:08Z",
    "name" : "IPv6-SFW",
    "outsideServiceInterface" : "sp-1/1/0.100",
    "sfwRules" : "IPv6-SFW"
    }
],
"cgnatRule" : { "description" : "",
    "hostName" : "mobst480x",
    "matchDirection" : "INPUT",
    "name" : "term-t1",
    "natTerms" : [ { "addressPooling" : "PAIRED",
        "applicationSets" : [ "SDG-APPS" ],
        "destPortEndVal" : "200",
        "destPortStartVal" : "100",
        "destinationAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:66409",
            "addressType" : "NETWORK",
            "createdTime" : "2014-11-19T06:37:08Z",
            "id" : 66409,
            "ipAddress" : "10.128.0.0",
            "ipFamily" : "IPv4",

```

```

        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:37:08Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
    } ],
    "hostName" : "mobst480x",
    "name" : "term-t1",
    "sourceAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65968",
        "addressType" : "GROUP",
        "createdBy" : "super",
        "createdTime" : "2014-11-19T08:49:22Z",
        "id" : 65968,
        "isLocked" : false,
        "members" : "10.252.0.0/14",
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-19T08:49:22Z",
        "name" : "lwaactivate",
        "netmask" : 0
    } ],
    "sourcePool" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:66177",
        "address" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:66180",
            "addressType" : "RANGE",
            "createdTime" : "2014-11-19T06:37:08Z",
            "hiIp" : "192.168.75.63",
            "id" : 66180,
            "ipFamily" : "IPv4",
            "isLocked" : false,
            "lowIp" : "192.168.75.0",
            "modifiedTime" : "2014-11-19T06:37:08Z",
            "name" : "192.168.75.0-192.168.75.63",
            "netmask" : 0
        },
        "autoPortAllocation" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATAutoPortAllocEntity:66176",
            "auto" : true,
            "createdTime" : "2014-11-19T06:37:08Z",
            "id" : 66176,
            "modifiedTime" : "2014-11-19T06:37:08Z",
            "name" : "napt44-SS1-p1",
            "randomAllocation" : true
        },
        "createdTime" : "2014-11-19T06:37:08Z",
        "id" : 66177,
        "isLocked" : false,
        "modifiedTime" : "2014-11-19T06:37:08Z",
        "name" : "napt44-SS1-p1",
        "roundRobin" : true
    },
    "translationType" : "NAPT_44"
    } ]
    },
    "hostName" : "mobst480x",

```

```
"ruleSets" : [ ],
"serviceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:66401",
  "createdTime" : "2014-11-19T06:37:08Z",
  "id" : 66401,
  "insideServiceInterface" : "sp-2/0/0.100",
  "isLocked" : false,
  "modifiedTime" : "2014-11-19T06:37:08Z",
  "name" : "NAPT44-SS1",
  "natRules" : "napt44-SS1-r1",
  "outsideServiceInterface" : "sp-2/0/0.1000",
  "replicateServices" : { "nat" : true,
    "replicationThreshold" : 180,
    "statefulFirewall" : true
  },
  "sysLogName" : "local",
  "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:66400",
    "facilityOverride" : "LOCAL1",
    "id" : 66400,
    "ipAddress" : "local",
    "logPrefix" : 456,
    "name" : "local",
    "port" : 1000,
    "sessionLogsClose" : false,
    "sessionLogsOpen" : false,
    "syslogServiceType" : "ANY"
  }
}
]
}
]
}] }
```

Delete a CGNAT Rule

This request is used to delete a CGNAT rule.

URI	/api/sgd/configmanager/createCGNATRule/deleteRules?ruleIds=67291,66207
HTTP Method	GET
Content-Type	application/json
Consumes	None
Produces	Deletes a CGNAT rule instance

Response Status Code

Message	Description
200 OK	Successful deletion of a CGNAT rule

Input

Sample JSON Input 67291,66207

Discard the Changes Made to a CGNAT Rule

This request is used to discard the configuration changes that were done to a CGNAT rule.

URI	/api/sgd/configmanager/cgnatpolicyfilter/discardchanges?ruleids=72841
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter.cgnatdetails+json;version=1;charset=UTF-8
Consumes	None
Produces	Discards the changes made to a CGNAT rule instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input 72481

Get All SFW Rules Throughout a Network

This request is used to retrieve all the SFW rules in the network

URI	/api/sgd/configmanager/sfwpolicyfilter/getSfw/root?nodeName=All%20Service%20Gateways&isGroup=false&limit=30&page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter.sfwdetails+json;version=1
Consumes	None
Produces	Retrieves all SFW rule instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of SFW rules in the network

Output**Sample JSON Output****Get All SFW Rules for SDGs**

This request is used to retrieve all the SFW rules for SDGs.

URI	/api/sgd/configmanager/sfwpolicyfilter/getSfw/root?nodeName=mobst480w-mobst480x&isGroup=false&limit=30&page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter.sfwdetails+json;version=1
Consumes	None
Produces	Retrieves all SFW rule instances for SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of SFW rules for SDGs

Output**Sample JSON Output**

```
[ { "children" : [ { "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "75145,68504",
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "ruleName" : "IPv6-SFW",
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "IPv6-SFW"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "68509",
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "ruleName" : "rtsp",
  "sdgHost" : "mobst480w-mobst480x",
```

```

        "text": "rtsp"
      },
      { "checkBoxShow": true,
        "configEditStatus": "null",
        "iconCls": "x4-tree-noicon-sgd",
        "id": "75149,68511",
        "isLocked": false,
        "matchDirection": "INPUT",
        "ruleName": "TEST_RULE",
        "sdgHost": "mobst480w-mobst480x",
        "text": "TEST_RULE"
      }
    ],
    "expanded": true,
    "iconCls": "x4-tree-noicon-sgd",
    "sdgHost": "SFW Rules",
    "totalRows": 3
  } ]

```

Get All SFW Rules for SDG Groups

This request is used to retrieve all the SFW rules for SDG groups.

URI	/api/sgd/configmanager/sfwpolicyfilter/getSfw/ root?nodeName=Default-Group&isGroup=true &limit=30&page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter. sfwdetails+json;version=1
Consumes	None
Produces	Retrieves all SFW rule instances for SDG groups

Response Status Code

Message	Description
200 OK	Successful retrieval of SFW rules for SDG groups

Output

Sample JSON Output

```

[ { "children": [ { "checkBoxShow": true,
  "configEditStatus": "null",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "75145,68504",
  "isLocked": false,
  "matchDirection": "INPUT",
  "ruleName": "IPv6-SFW",
  "sdgHost": "mobst480w-mobst480x",
  "text": "IPv6-SFW"

```

```
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "68509",
      "isLocked" : false,
      "matchDirection" : "INPUT",
      "ruleName" : "rtsp",
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "rtsp"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "75149,68511",
      "isLocked" : false,
      "matchDirection" : "INPUT",
      "ruleName" : "TEST_RULE",
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "TEST_RULE"
    }
  ],
  "expanded" : true,
  "iconCls" : "x4-tree-noicon-sgd",
  "sdgHost" : "SFW Rules",
  "totalRows" : 3
}]
```

Lock a SFW Rule

This request is used to lock a SFW rule.

URI	/api/sgd/configmanager/sfwpolicyfilter/lockRules
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter.sfwdetails+json;version=1
Consumes	None
Produces	Locks a SFW rule instance

Response Status Code

Message	Description
200 OK	Successful lock of a SFW rule

Input

Sample JSON Input 75145,68504

Output

Sample JSON Output TRUE

Unlock a SFW Rule

This request is used to unlock a SFW rule.

URI	/api/sgd/configmanager/sfwpolicyfilter/unlockRules
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter.sfwdetails+json;version=1
Consumes	None
Produces	Unlocks a SFW rule instance

Response Status Code

Message	Description
200 OK	Successful unlock of a SFW rule

Input

Sample JSON Input 75145,68504

Output

Sample JSON Output TRUE

Prepare Service Structure For Editing a SFW Rule

This request is used to prepare a service structure to modify a SFW rule.

URI	/api/sgd/configmanager/createSFWRule/getAddTermFormData
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter.sfwRuleCreation.getHosts+json;version=1;charset=UTF-8
Consumes	None
Produces	Prepares a service structure for editing SFW rules

Response Status Code

Message	Description
200 OK	Successful construction of a service structure for editing SFW rules

Input

Sample JSON Input mobst480w,mobst480x

Output

Sample JSON Output

```
{ "response" : { "sfwAddTermStoreData" : [ { "addresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68030",
  "addressType" : "GROUP",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68030,
  "isLocked" : false,
  "members" : "10.252.0.0/14",
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "lwaactivate",
  "netmask" : 0
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68033",
  "addressType" : "GROUP",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68033,
  "isLocked" : false,
  "members" : "::/0",
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "default-route-v6",
  "netmask" : 0
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68032",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68032,
  "ipAddress" : "::",
  "ipFamily" : "IPv6",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "::/0",
  "netmask" : 0
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69473",
  "addressType" : "HOST",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 69473,
  "ipAddress" : "any-ipv6",
  "ipFamily" : "IPv6",
  "isLocked" : false,
```

```
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "any-ipv6",
        "netmask" : 0
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68035",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:15:52Z",
        "id" : 68035,
        "isLocked" : false,
        "members" : [ "10.0.0.0/9",
            "10.128.0.0/10",
            "10.192.0.0/11",
            "10.224.0.0/12",
            "10.240.0.0/13",
            "10.248.0.0/14"
        ],
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "phone-broadband",
        "netmask" : 0
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69478",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:15:52Z",
        "id" : 69478,
        "ipAddress" : "10.128.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69477",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:15:52Z",
        "id" : 69477,
        "ipAddress" : "10.224.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "10.224.0.0/12",
        "netmask" : 12
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68044",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:15:52Z",
        "id" : 68044,
        "isLocked" : false,
        "members" : "10.0.0.0/8",
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "UE",
        "netmask" : 0
    },
    },
```

```

      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68046",
  "addressType" : "GROUP",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68046,
  "isLocked" : false,
  "members" : "10.165.49.208/28",
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "NAT-P2P",
  "netmask" : 0
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69480",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 69480,
  "ipAddress" : "10.192.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "10.192.0.0/11",
  "netmask" : 11
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69481",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 69481,
  "ipAddress" : "10.252.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "10.252.0.0/14",
  "netmask" : 14
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68050",
  "addressType" : "GROUP",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68050,
  "isLocked" : false,
  "members" : "10.165.58.128/25",
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "NAT-PAT",
  "netmask" : 0
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68052",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68052,
  "ipAddress" : "0.0.0.0",
  "ipFamily" : "IPv6",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "0.0.0.0/0",

```

```
        "netmask" : 0
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69479",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 69479,
  "ipAddress" : "10.165.58.128",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "10.165.58.128/25",
  "netmask" : 25
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68054",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68054,
  "ipAddress" : "10.248.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "10.248.0.0/14",
  "netmask" : 14
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68055",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68055,
  "ipAddress" : "10.240.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "10.240.0.0/13",
  "netmask" : 13
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69482",
  "addressType" : "HOST",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 69482,
  "ipAddress" : "10.11.11.11",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "10.11.11.11/32",
  "netmask" : 32
},
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68056",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:15:52Z",
  "id" : 68056,
  "ipAddress" : "10.165.49.208",
```

```

        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:15:52Z",
        "name": "10.165.49.208/28",
        "netmask": 28
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68057",
        "addressType": "GROUP",
        "createdTime": "2014-11-20T08:15:52Z",
        "id": 68057,
        "isLocked": false,
        "members": "0.0.0.0/0",
        "modifiedTime": "2014-11-20T08:15:52Z",
        "name": "default-route",
        "netmask": 0
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68059",
        "addressType": "NETWORK",
        "createdTime": "2014-11-20T08:15:52Z",
        "id": 68059,
        "ipAddress": "10.0.0.0",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:15:52Z",
        "name": "10.0.0.0/9",
        "netmask": 9
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68060",
        "addressType": "NETWORK",
        "createdTime": "2014-11-20T08:15:52Z",
        "id": 68060,
        "ipAddress": "10.0.0.0",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:15:52Z",
        "name": "10.0.0.0/8",
        "netmask": 8
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65538",
        "addressType": "HOST",
        "createdTime": "2014-11-20T08:09:58Z",
        "id": 65538,
        "ipAddress": "any-ipv4",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:09:58Z",
        "name": "any-ipv4",
        "netmask": 0,
        "objectCreateType": "OBJECTBUILDER"
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65539",

```

```
        "addressType": "HOST",
        "createdTime": "2014-11-20T08:09:58Z",
        "id": 65539,
        "ipAddress": "any-unicast",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:09:58Z",
        "name": "any-unicast",
        "netmask": 0,
        "objectCreateType": "OBJECTBUILDER"
    }
],
"application": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68062",
    "createdTime": "2014-11-20T08:15:30Z",
    "defaultApplication": true,
    "id": 68062,
    "inactivityTimeout": 300,
    "modifiedTime": "2014-11-20T08:15:52Z",
    "name": "junos-dns-tcp"
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68065",
    "createdTime": "2014-11-20T08:15:30Z",
    "defaultApplication": true,
    "id": 68065,
    "inactivityTimeout": 20000,
    "modifiedTime": "2014-11-20T08:15:52Z",
    "name": "junos-ftp"
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68066",
    "createdTime": "2014-11-20T08:15:30Z",
    "defaultApplication": true,
    "id": 68066,
    "inactivityTimeout": 1800,
    "modifiedTime": "2014-11-20T08:15:52Z",
    "name": "junos-http"
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68069",
    "createdTime": "2014-11-20T08:15:30Z",
    "defaultApplication": true,
    "id": 68069,
    "inactivityTimeout": 20000,
    "modifiedTime": "2014-11-20T08:15:52Z",
    "name": "junos-rtsp"
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68070",
    "createdTime": "2014-11-20T08:15:30Z",
    "defaultApplication": true,
    "id": 68070,
    "inactivityTimeout": 1800,
    "modifiedTime": "2014-11-20T08:15:52Z",
    "name": "junos-pptp"
}
```

```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68075",
      "createdTime" : "2014-11-20T08:15:30Z",
      "defaultApplication" : false,
      "destinationPort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69160",
        "id" : 69160,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : 4398,
        "portNo" : 4398,
        "portType" : "SINGLE"
      },
      "id" : 68075,
      "inactivityTimeout" : 120,
      "modifiedTime" : "2014-11-20T08:15:52Z",
      "name" : "P2P_ID-CDX",
      "protocol" : "UDP",
      "sourcePort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69161",
        "hiPort" : 65535,
        "id" : 69161,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "1-65535",
        "portType" : "RANGE"
      }
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68078",
      "createdTime" : "2014-11-20T08:15:30Z",
      "defaultApplication" : false,
      "destinationPort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69162",
        "hiPort" : 16387,
        "id" : 69162,
        "lowPort" : 16384,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "16384-16387",
        "portType" : "RANGE"
      },
      "id" : 68078,
      "inactivityTimeout" : 120,
      "modifiedTime" : "2014-11-20T08:15:52Z",
      "name" : "P2P_ID-CommNAT",
      "protocol" : "UDP",
      "sourcePort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69163",
        "hiPort" : 65535,
        "id" : 69163,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "1-65535",
        "portType" : "RANGE"
      }
    }
  },
}

```

```
      { "MOID" :  
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68081",  
        "createdTime" : "2014-11-20T08:15:30Z",  
        "defaultApplication" : false,  
        "destinationPort" : { "MOID" :  
          "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69164",  
          "hiPort" : 16472,  
          "id" : 69164,  
          "lowPort" : 16393,  
          "modifiedTime" : "2014-11-20T08:15:52Z",  
          "name" : "16393-16472",  
          "portType" : "RANGE"  
        },  
        "id" : 68081,  
        "inactivityTimeout" : 120,  
        "modifiedTime" : "2014-11-20T08:15:52Z",  
        "name" : "P2P_Data-Exch",  
        "protocol" : "UDP",  
        "sourcePort" : { "MOID" :  
          "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69165",  
          "hiPort" : 65535,  
          "id" : 69165,  
          "lowPort" : 1,  
          "modifiedTime" : "2014-11-20T08:15:52Z",  
          "name" : "1-65535",  
          "portType" : "RANGE"  
        }  
      },  
      { "MOID" :  
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68084",  
        "createdTime" : "2014-11-20T08:15:30Z",  
        "defaultApplication" : false,  
        "destinationPort" : { "MOID" :  
          "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69166",  
          "id" : 69166,  
          "modifiedTime" : "2014-11-20T08:15:52Z",  
          "name" : 3128,  
          "portNo" : 3128,  
          "portType" : "SINGLE"  
        },  
        "id" : 68084,  
        "inactivityTimeout" : 3600,  
        "modifiedTime" : "2014-11-20T08:15:52Z",  
        "name" : "Yahoo_Push",  
        "protocol" : "UDP",  
        "sourcePort" : { "MOID" :  
          "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69167",  
          "hiPort" : 65535,  
          "id" : 69167,  
          "lowPort" : 1,  
          "modifiedTime" : "2014-11-20T08:15:52Z",  
          "name" : "1-65535",  
          "portType" : "RANGE"  
        }  
      },  
      { "MOID" :
```



```

"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68087",
  "createdTime" : "2014-11-20T08:15:30Z",
  "defaultApplication" : false,
  "destinationPort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69168",
  "id" : 69168,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : 5223,
  "portNo" : 5223,
  "portType" : "SINGLE"
  },
  "id" : 68087,
  "inactivityTimeout" : 1800,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "Mobile_Me",
  "protocol" : "TCP",
  "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69169",
  "hiPort" : 65535,
  "id" : 69169,
  "lowPort" : 1,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "1-65535",
  "portType" : "RANGE"
  }
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68090",
  "createdTime" : "2014-11-20T08:15:30Z",
  "defaultApplication" : false,
  "destinationPort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69170",
  "hiPort" : 5230,
  "id" : 69170,
  "lowPort" : 5228,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "5228-5230",
  "portType" : "RANGE"
  },
  "id" : 68090,
  "inactivityTimeout" : 1800,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "ANDROID_NOTIF",
  "protocol" : "TCP",
  "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69171",
  "hiPort" : 65535,
  "id" : 69171,
  "lowPort" : 1,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "1-65535",
  "portType" : "RANGE"
  }
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68092",

```

```
        "createdTime" : "2014-11-20T08:15:30Z",
        "defaultApplication" : false,
        "id" : 68092,
        "inactivityTimeout" : 1800,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "TCP-ALL",
        "protocol" : "TCP",
        "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69172",
        "hiPort" : 65535,
        "id" : 69172,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "1-65535",
        "portType" : "RANGE"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68094",
        "createdTime" : "2014-11-20T08:15:30Z",
        "defaultApplication" : false,
        "id" : 68094,
        "inactivityTimeout" : 60,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "UDP-ALL",
        "protocol" : "UDP",
        "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69173",
        "hiPort" : 65535,
        "id" : 69173,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "1-65535",
        "portType" : "RANGE"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68096",
        "applicationProtocol" : "RTSP",
        "createdTime" : "2014-11-20T08:15:30Z",
        "defaultApplication" : false,
        "destinationPort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:69174",
        "id" : 69174,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : 554,
        "portNo" : 554,
        "portType" : "SINGLE"
        }
    },
    { "id" : 68096,
        "inactivityTimeout" : 20000,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "cust-junos-rtsp"
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:68100",
```

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"createdTime" : "2014-11-20T08:15:30Z",
"defaultApplication" : true,
"id" : 68100,
"inactivityTimeout" : 20000,
"modifiedTime" : "2014-11-20T08:15:52Z",
"name" : "junos-imap"
},
{ "defaultApplication" : false,
  "id" : 65540,
  "name" : "junos-dcerpc-msexchange-directory-nsp"
},
{ "defaultApplication" : false,
  "id" : 65541,
  "name" : "junos-dcerpc-msexchange-information-store"
},
{ "defaultApplication" : false,
  "id" : 65542,
  "name" : "junos-dcerpc-msexchange-directory-rfr"
},
{ "defaultApplication" : false,
  "id" : 65543,
  "name" : "junos-dcerpc"
},
{ "defaultApplication" : false,
  "id" : 65544,
  "name" : "junos-dcerpc-endpoint-mapper-service"
},
{ "defaultApplication" : false,
  "id" : 65545,
  "name" : "junos-dce-rpc-portmap"
},
{ "defaultApplication" : false,
  "id" : 65551,
  "name" : "junos-dns-udp"
},
{ "defaultApplication" : false,
  "id" : 65553,
  "name" : "junos-rsh"
},
{ "defaultApplication" : false,
  "id" : 65555,
  "name" : "junos-rpc-services-tcp"
},
{ "defaultApplication" : false,
  "id" : 65556,
  "name" : "junos-rpc-services-udp"
},
{ "defaultApplication" : false,
  "id" : 65557,
  "name" : "junos-rpc-portmap-udp"
},
{ "defaultApplication" : false,
  "id" : 65559,
  "name" : "junos-rpc-portmap-tcp"
},
{ "defaultApplication" : false,
```

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"id" : 65561,
"name" : "junos-realaudio"
},
{ "defaultApplication" : false,
  "id" : 65563,
  "name" : "junos-ip"
},
{ "defaultApplication" : false,
  "id" : 65564,
  "name" : "junos-ipsec-esp"
},
{ "defaultApplication" : false,
  "id" : 65565,
  "name" : "junos-sqlnet"
},
{ "defaultApplication" : false,
  "id" : 65567,
  "name" : "junos-sip"
},
{ "defaultApplication" : false,
  "id" : 65569,
  "name" : "junos-traceroute-ttl-1"
},
{ "defaultApplication" : false,
  "id" : 65571,
  "name" : "junos-traceroute"
},
{ "defaultApplication" : false,
  "id" : 65573,
  "name" : "junos-rlogin"
},
{ "defaultApplication" : false,
  "id" : 65575,
  "name" : "junos-rexec"
},
{ "defaultApplication" : false,
  "id" : 65577,
  "name" : "junos-ntalk"
},
{ "defaultApplication" : false,
  "id" : 65579,
  "name" : "junos-talk-udp"
},
{ "defaultApplication" : false,
  "id" : 65581,
  "name" : "junos-talk-tcp"
},
{ "defaultApplication" : false,
  "id" : 65583,
  "name" : "junos-netbios-datagram"
},
{ "defaultApplication" : false,
  "id" : 65585,
  "name" : "junos-netbios-name-tcp"
},
{ "defaultApplication" : false,
```

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"id" : 65587,
"name" : "junos-netbios-name-udp"
},
{ "defaultApplication" : false,
  "id" : 65589,
  "name" : "junos-netshow"
},
{ "defaultApplication" : false,
  "id" : 65591,
  "name" : "junos-iiop-orbix"
},
{ "defaultApplication" : false,
  "id" : 65593,
  "name" : "junos-iiop-java"
},
{ "defaultApplication" : false,
  "id" : 65595,
  "name" : "junos-icmp-ping"
},
{ "defaultApplication" : false,
  "id" : 65596,
  "name" : "junos-icmp-all"
},
{ "defaultApplication" : false,
  "id" : 65597,
  "name" : "junos-h323"
},
{ "defaultApplication" : false,
  "id" : 65599,
  "name" : "junos-citrix-winframe-udp"
},
{ "defaultApplication" : false,
  "id" : 65601,
  "name" : "junos-citrix-winframe"
},
{ "defaultApplication" : false,
  "id" : 65603,
  "name" : "junos-snmp-trap"
},
{ "defaultApplication" : false,
  "id" : 65605,
  "name" : "junos-snmp-response"
},
{ "defaultApplication" : false,
  "id" : 65607,
  "name" : "junos-snmp-get-next"
},
{ "defaultApplication" : false,
  "id" : 65609,
  "name" : "junos-snmp-get"
},
{ "defaultApplication" : false,
  "id" : 65613,
  "name" : "junos-tftp"
},
{ "defaultApplication" : false,
```

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"id" : 65617,
"name" : "junos-netbios-session"
},
{ "defaultApplication" : false,
  "id" : 65619,
  "name" : "junos-smb-session"
},
{ "defaultApplication" : false,
  "id" : 65621,
  "name" : "junos-ssh"
},
{ "defaultApplication" : false,
  "id" : 65623,
  "name" : "junos-telnet"
},
{ "defaultApplication" : false,
  "id" : 65625,
  "name" : "junos-smtp"
},
{ "defaultApplication" : false,
  "id" : 65627,
  "name" : "junos-tacacs"
},
{ "defaultApplication" : false,
  "id" : 65629,
  "name" : "junos-tacacs-ds"
},
{ "defaultApplication" : false,
  "id" : 65631,
  "name" : "junos-dhcp-client"
},
{ "defaultApplication" : false,
  "id" : 65633,
  "name" : "junos-dhcp-server"
},
{ "defaultApplication" : false,
  "id" : 65635,
  "name" : "junos-bootpc"
},
{ "defaultApplication" : false,
  "id" : 65637,
  "name" : "junos-bootps"
},
{ "defaultApplication" : false,
  "id" : 65639,
  "name" : "junos-finger"
},
{ "defaultApplication" : false,
  "id" : 65643,
  "name" : "junos-https"
},
{ "defaultApplication" : false,
  "id" : 65645,
  "name" : "junos-pop3"
},
{ "defaultApplication" : false,
```

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"id" : 65647,
"name" : "junos-ident"
},
{ "defaultApplication" : false,
  "id" : 65649,
  "name" : "junos-nntp"
},
{ "defaultApplication" : false,
  "id" : 65651,
  "name" : "junos-ntp"
},
{ "defaultApplication" : false,
  "id" : 65655,
  "name" : "junos-imaps"
},
{ "defaultApplication" : false,
  "id" : 65657,
  "name" : "junos-bgp"
},
{ "defaultApplication" : false,
  "id" : 65659,
  "name" : "junos-ldap"
},
{ "defaultApplication" : false,
  "id" : 65661,
  "name" : "junos-snpp"
},
{ "defaultApplication" : false,
  "id" : 65663,
  "name" : "junos-biff"
},
{ "defaultApplication" : false,
  "id" : 65665,
  "name" : "junos-who"
},
{ "defaultApplication" : false,
  "id" : 65667,
  "name" : "junos-syslog"
},
{ "defaultApplication" : false,
  "id" : 65669,
  "name" : "junos-printer"
},
{ "defaultApplication" : false,
  "id" : 65671,
  "name" : "junos-rip"
},
{ "defaultApplication" : false,
  "id" : 65673,
  "name" : "junos-radius"
},
{ "defaultApplication" : false,
  "id" : 65675,
  "name" : "junos-radacct"
},
{ "defaultApplication" : false,
```

```
    "id" : 65677,
    "name" : "junos-nfsd-tcp"
  },
  { "defaultApplication" : false,
    "id" : 65679,
    "name" : "junos-nfsd-udp"
  },
  { "defaultApplication" : false,
    "id" : 65681,
    "name" : "junos-cvspserver"
  },
  { "defaultApplication" : false,
    "id" : 65683,
    "name" : "junos-ldp-tcp"
  },
  { "defaultApplication" : false,
    "id" : 65685,
    "name" : "junos-ldp-udp"
  },
  { "defaultApplication" : false,
    "id" : 65687,
    "name" : "junos-xnm-ssl"
  },
  { "defaultApplication" : false,
    "id" : 65689,
    "name" : "junos-xnm-clear-text"
  },
  { "defaultApplication" : false,
    "id" : 65691,
    "name" : "junos-ike"
  }
],
"applicationSet" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:68061",
  "applications" : [ "junos-dns-tcp",
    "junos-dns-udp",
    "junos-ftp",
    "junos-http",
    "junos-https",
    "junos-rtsp",
    "junos-pptp",
    "junos-tftp",
    "P2P_ID-CDX",
    "P2P_ID-CommNAT",
    "P2P_Data-Exch",
    "Yahoo_Push",
    "Mobile_Me",
    "ANDROID_NOTIF",
    "TCP-ALL",
    "UDP-ALL",
    "cust-junos-rtsp",
    "junos-traceroute",
    "junos-icmp-all"
  ],
  "createdTime" : "2014-11-20T08:15:30Z",
  "defaultApplicationSet" : false,
```



```

        "id" : 68061,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "SDG-APPS"
    },
    { "defaultApplicationSet" : false,
      "id" : 65693,
      "name" : "junos-algs-outbound"
    },
    { "defaultApplicationSet" : false,
      "id" : 65694,
      "name" : "junos-management-inbound"
    },
    { "defaultApplicationSet" : false,
      "id" : 65695,
      "name" : "junos-cifs"
    },
    { "defaultApplicationSet" : false,
      "id" : 65696,
      "name" : "junos-routing-inbound"
    }
  ],
  "hostName" : "mobst480w",
  "outcome" : [ "ACCEPT",
               "DISCARD",
               "REJECT"
  ],
  "ruleSets" : { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:68508",
    "createdTime" : "2014-11-20T08:15:30Z",
    "id" : 68508,
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "aaa",
    "sfwRules" : [ "IPv6-SFW",
                  "rtsp"
                ]
  },
  "rules" : [ { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:68504",
    "createdTime" : "2014-11-20T08:15:30Z",
    "id" : 68504,
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "IPv6-SFW",
    "sfwTerms" : [ { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:69472",
      "id" : 69472,
      "modifiedTime" : "2014-11-20T08:15:52Z",
      "name" : "ACCEPT",
      "outcome" : "ACCEPT",
      "sourceAddresses" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69473",
        "addressType" : "HOST",
        "createdTime" : "2014-11-20T08:15:52Z",
        "id" : 69473,

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```
        "ipAddress" : "any-ipv6",
        "ipFamily" : "IPv6",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "any-ipv6",
        "netmask" : 0
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:69474",
    "id" : 69474,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "REJECT",
    "outcome" : "REJECT"
}
]
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:68509",
    "createdTime" : "2014-11-20T08:15:30Z",
    "id" : 68509,
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "rtsp",
    "sfwTerms" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:69475",
        "applications" : "junos-rtsp",
        "id" : 69475,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "rstp_only",
        "outcome" : "ACCEPT"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:68511",
    "createdTime" : "2014-11-20T08:15:30Z",
    "id" : 68511,
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "TEST_RULE",
    "sfwTerms" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:69476",
        "applicationSets" : "SDG-APPS",
        "destinationAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69477",
            "addressType" : "NETWORK",
            "createdTime" : "2014-11-20T08:15:52Z",
            "id" : 69477,
            "ipAddress" : "10.224.0.0",
            "ipFamily" : "IPv4",
            "isLocked" : false,
            "modifiedTime" : "2014-11-20T08:15:52Z",
            "name" : "10.224.0.0/12",
            "netmask" : 12
```

```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69478",
      "addressType" : "NETWORK",
      "createdTime" : "2014-11-20T08:15:52Z",
      "id" : 69478,
      "ipAddress" : "10.128.0.0",
      "ipFamily" : "IPv4",
      "isLocked" : false,
      "modifiedTime" : "2014-11-20T08:15:52Z",
      "name" : "10.128.0.0/10",
      "netmask" : 10
    }
  ],
  "id" : 69476,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : 1,
  "outcome" : "ACCEPT",
  "sourceAddresses" : [ { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69479",
    "addressType" : "NETWORK",
    "createdTime" : "2014-11-20T08:15:52Z",
    "id" : 69479,
    "ipAddress" : "10.165.58.128",
    "ipFamily" : "IPv4",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "10.165.58.128/25",
    "netmask" : 25
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69480",
    "addressType" : "NETWORK",
    "createdTime" : "2014-11-20T08:15:52Z",
    "id" : 69480,
    "ipAddress" : "10.192.0.0",
    "ipFamily" : "IPv4",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "10.192.0.0/11",
    "netmask" : 11
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69481",
    "addressType" : "NETWORK",
    "createdTime" : "2014-11-20T08:15:52Z",
    "id" : 69481,
    "ipAddress" : "10.252.0.0",
    "ipFamily" : "IPv4",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "10.252.0.0/14",
    "netmask" : 14
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69482",

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        "addressType": "HOST",
        "createdTime": "2014-11-20T08:15:52Z",
        "id": 69482,
        "ipAddress": "10.11.11.11",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:15:52Z",
        "name": "10.11.11.11/32",
        "netmask": 32
      }
    ]
  }
},
],
"serviceSets": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68499",
  "createdTime": "2014-11-20T08:15:30Z",
  "id": 68499,
  "insideServiceInterface": "sp-2/0/0.100",
  "isLocked": false,
  "modifiedTime": "2014-11-20T08:15:52Z",
  "name": "NAPT44-SS1",
  "natRules": "napt44-SS1-r1",
  "outsideServiceInterface": "sp-2/0/0.1000",
  "replicateServices": { "nat": true,
    "replicationThreshold": 180,
    "statefulFirewall": true
  },
  "sysLogName": "local",
  "syslogConfig": { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:69469",
    "facilityOverride": "LOCAL1",
    "id": 69469,
    "ipAddress": "local",
    "logPrefix": 456,
    "name": "local",
    "port": 2526,
    "sessionLogsClose": false,
    "sessionLogsOpen": false,
    "syslogServiceType": "ANY"
  }
},
{ "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68502",
  "createdTime": "2014-11-20T08:15:30Z",
  "id": 68502,
  "insideServiceInterface": "sp-2/1/0.100",
  "isLocked": false,
  "modifiedTime": "2014-11-20T08:15:52Z",
  "name": "NAPT44-SS2",
  "natRules": "napt44-SS2-r1",
  "outsideServiceInterface": "sp-2/1/0.1000",
  "replicateServices": { "nat": true,
    "replicationThreshold": 180,
    "statefulFirewall": true
  },
}

```

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        "sysLogName" : "10.2.1.1",
        "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:69471",
            "id" : 69471,
            "ipAddress" : "10.2.1.1",
            "name" : "10.2.1.1",
            "sessionLogsClose" : false,
            "sessionLogsOpen" : false,
            "syslogServiceType" : "ANY"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68503",
        "createdTime" : "2014-11-20T08:15:30Z",
        "id" : 68503,
        "insideServiceInterface" : "sp-1/1/0.99",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "IPv6-SFW",
        "outsideServiceInterface" : "sp-1/1/0.100",
        "sfwRules" : "IPv6-SFW"
    }
]
},
{ "addresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74707",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74707,
        "isLocked" : false,
        "members" : "10.252.0.0/14",
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "lwaactivate",
        "netmask" : 0
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74710",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74710,
        "isLocked" : false,
        "members" : "::/0",
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "default-route-v6",
        "netmask" : 0
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74709",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74709,
        "ipAddress" : "::",
        "ipFamily" : "IPv6",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "::/0",

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```
        "netmask" : 0
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74712",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74712,
        "isLocked" : false,
        "members" : [ "10.0.0.0/9",
          "10.128.0.0/10",
          "10.192.0.0/11",
          "10.224.0.0/12",
          "10.240.0.0/13",
          "10.248.0.0/14"
        ],
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "phone-broadband",
        "netmask" : 0
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76081",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 76081,
        "ipAddress" : "10.128.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76083",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 76083,
        "ipAddress" : "10.224.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.224.0.0/12",
        "netmask" : 12
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74721",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74721,
        "isLocked" : false,
        "members" : "10.0.0.0/8",
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "UE",
        "netmask" : 0
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74723",
```

```

        "addressType": "GROUP",
        "createdTime": "2014-11-20T08:19:00Z",
        "id": 74723,
        "isLocked": false,
        "members": "10.165.49.208/28",
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "NAT-P2P",
        "netmask": 0
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76086",
        "addressType": "NETWORK",
        "createdTime": "2014-11-20T08:19:00Z",
        "id": 76086,
        "ipAddress": "10.192.0.0",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "10.192.0.0/11",
        "netmask": 11
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76087",
        "addressType": "NETWORK",
        "createdTime": "2014-11-20T08:19:00Z",
        "id": 76087,
        "ipAddress": "10.252.0.0",
        "ipFamily": "IPv4",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "10.252.0.0/14",
        "netmask": 14
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74727",
        "addressType": "GROUP",
        "createdTime": "2014-11-20T08:19:00Z",
        "id": 74727,
        "isLocked": false,
        "members": "10.165.58.128/25",
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "NAT-PAT",
        "netmask": 0
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74729",
        "addressType": "NETWORK",
        "createdTime": "2014-11-20T08:19:00Z",
        "id": 74729,
        "ipAddress": "0.0.0.0",
        "ipFamily": "IPv6",
        "isLocked": false,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "0.0.0.0/0",
        "netmask": 0
    },
    },

```

```
    { "MOID" :  
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76085",  
      "addressType" : "NETWORK",  
      "createdTime" : "2014-11-20T08:19:00Z",  
      "id" : 76085,  
      "ipAddress" : "10.165.58.128",  
      "ipFamily" : "IPv4",  
      "isLocked" : false,  
      "modifiedTime" : "2014-11-20T08:19:00Z",  
      "name" : "10.165.58.128/25",  
      "netmask" : 25  
    },  
    { "MOID" :  
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74731",  
      "addressType" : "NETWORK",  
      "createdTime" : "2014-11-20T08:19:00Z",  
      "id" : 74731,  
      "ipAddress" : "10.248.0.0",  
      "ipFamily" : "IPv4",  
      "isLocked" : false,  
      "modifiedTime" : "2014-11-20T08:19:00Z",  
      "name" : "10.248.0.0/14",  
      "netmask" : 14  
    },  
    { "MOID" :  
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74732",  
      "addressType" : "NETWORK",  
      "createdTime" : "2014-11-20T08:19:00Z",  
      "id" : 74732,  
      "ipAddress" : "10.240.0.0",  
      "ipFamily" : "IPv4",  
      "isLocked" : false,  
      "modifiedTime" : "2014-11-20T08:19:00Z",  
      "name" : "10.240.0.0/13",  
      "netmask" : 13  
    },  
    { "MOID" :  
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76088",  
      "addressType" : "HOST",  
      "createdTime" : "2014-11-20T08:19:00Z",  
      "id" : 76088,  
      "ipAddress" : "10.11.11.11",  
      "ipFamily" : "IPv4",  
      "isLocked" : false,  
      "modifiedTime" : "2014-11-20T08:19:00Z",  
      "name" : "10.11.11.11/32",  
      "netmask" : 32  
    },  
    { "MOID" :  
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74733",  
      "addressType" : "NETWORK",  
      "createdTime" : "2014-11-20T08:19:00Z",  
      "id" : 74733,  
      "ipAddress" : "10.165.49.208",  
      "ipFamily" : "IPv4",  
      "isLocked" : false,
```



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        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.165.49.208/28",
        "netmask" : 28
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74734",
        "addressType" : "GROUP",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74734,
        "isLocked" : false,
        "members" : "0.0.0.0/0",
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "default-route",
        "netmask" : 0
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74736",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74736,
        "ipAddress" : "10.0.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.0.0.0/9",
        "netmask" : 9
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74737",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 74737,
        "ipAddress" : "10.0.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.0.0.0/8",
        "netmask" : 8
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65537",
        "addressType" : "HOST",
        "createdTime" : "2014-11-20T08:09:58Z",
        "id" : 65537,
        "ipAddress" : "any-ipv6",
        "ipFamily" : "IPv6",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:09:58Z",
        "name" : "any-ipv6",
        "netmask" : 0,
        "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65538",
        "addressType" : "HOST",
        "createdTime" : "2014-11-20T08:09:58Z",

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      "id" : 65538,
      "ipAddress" : "any-ipv4",
      "ipFamily" : "IPv4",
      "isLocked" : false,
      "modifiedTime" : "2014-11-20T08:09:58Z",
      "name" : "any-ipv4",
      "netmask" : 0,
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65539",
      "addressType" : "HOST",
      "createdTime" : "2014-11-20T08:09:58Z",
      "id" : 65539,
      "ipAddress" : "any-unicast",
      "ipFamily" : "IPv4",
      "isLocked" : false,
      "modifiedTime" : "2014-11-20T08:09:58Z",
      "name" : "any-unicast",
      "netmask" : 0,
      "objectCreateType" : "OBJECTBUILDER"
    }
  ],
  "application" : [ { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74739",
    "createdTime" : "2014-11-20T08:18:49Z",
    "defaultApplication" : true,
    "id" : 74739,
    "inactivityTimeout" : 300,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "junos-dns-tcp"
  },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74742",
      "createdTime" : "2014-11-20T08:18:49Z",
      "defaultApplication" : true,
      "id" : 74742,
      "inactivityTimeout" : 20000,
      "modifiedTime" : "2014-11-20T08:19:00Z",
      "name" : "junos-ftp"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74743",
      "createdTime" : "2014-11-20T08:18:49Z",
      "defaultApplication" : true,
      "id" : 74743,
      "inactivityTimeout" : 300,
      "modifiedTime" : "2014-11-20T08:19:00Z",
      "name" : "junos-http"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74746",
      "createdTime" : "2014-11-20T08:18:49Z",
      "defaultApplication" : true,
      "id" : 74746,
      "inactivityTimeout" : 20000,
```

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        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "junos-rtsp"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74747",
      "createdTime" : "2014-11-20T08:18:49Z",
      "defaultApplication" : true,
      "id" : 74747,
      "inactivityTimeout" : 1800,
      "modifiedTime" : "2014-11-20T08:19:00Z",
      "name" : "junos-pptp"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74752",
      "createdTime" : "2014-11-20T08:18:49Z",
      "defaultApplication" : false,
      "destinationPort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75793",
        "id" : 75793,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : 4398,
        "portNo" : 4398,
        "portType" : "SINGLE"
      },
      "id" : 74752,
      "inactivityTimeout" : 120,
      "modifiedTime" : "2014-11-20T08:19:00Z",
      "name" : "P2P_ID-CDX",
      "protocol" : "UDP",
      "sourcePort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75794",
        "hiPort" : 65535,
        "id" : 75794,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "1-65535",
        "portType" : "RANGE"
      }
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74755",
      "createdTime" : "2014-11-20T08:18:49Z",
      "defaultApplication" : false,
      "destinationPort" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75795",
        "hiPort" : 16387,
        "id" : 75795,
        "lowPort" : 16384,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "16384-16387",
        "portType" : "RANGE"
      },
      "id" : 74755,
      "inactivityTimeout" : 120,
      "modifiedTime" : "2014-11-20T08:19:00Z",
      "name" : "P2P_ID-CommNAT",

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        "protocol": "UDP",
        "sourcePort": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.PortEntity:75796",
        "hiPort": 65535,
        "id": 75796,
        "lowPort": 1,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "1-65535",
        "portType": "RANGE"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.ApplicationEntity:74758",
        "createdTime": "2014-11-20T08:18:49Z",
        "defaultApplication": false,
        "destinationPort": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.PortEntity:75797",
        "hiPort": 16472,
        "id": 75797,
        "lowPort": 16393,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "16393-16472",
        "portType": "RANGE"
        },
        "id": 74758,
        "inactivityTimeout": 120,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "P2P_Data-Exch",
        "protocol": "UDP",
        "sourcePort": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.PortEntity:75798",
        "hiPort": 65535,
        "id": 75798,
        "lowPort": 1,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "1-65535",
        "portType": "RANGE"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.ApplicationEntity:74761",
        "createdTime": "2014-11-20T08:18:49Z",
        "defaultApplication": false,
        "destinationPort": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.PortEntity:75799",
        "id": 75799,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": 3128,
        "portNo": 3128,
        "portType": "SINGLE"
        },
        "id": 74761,
        "inactivityTimeout": 3600,
        "modifiedTime": "2014-11-20T08:19:00Z",
        "name": "Yahoo_Push",
        "protocol": "UDP",
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        "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75800",
        "hiPort" : 65535,
        "id" : 75800,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "1-65535",
        "portType" : "RANGE"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74764",
        "createdTime" : "2014-11-20T08:18:49Z",
        "defaultApplication" : false,
        "destinationPort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75801",
        "id" : 75801,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : 5223,
        "portNo" : 5223,
        "portType" : "SINGLE"
        },
        "id" : 74764,
        "inactivityTimeout" : 1800,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "Mobile_Me",
        "protocol" : "TCP",
        "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75802",
        "hiPort" : 65535,
        "id" : 75802,
        "lowPort" : 1,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "1-65535",
        "portType" : "RANGE"
        }
        },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74767",
        "createdTime" : "2014-11-20T08:18:49Z",
        "defaultApplication" : false,
        "destinationPort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75803",
        "hiPort" : 5230,
        "id" : 75803,
        "lowPort" : 5228,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "5228-5230",
        "portType" : "RANGE"
        },
        "id" : 74767,
        "inactivityTimeout" : 1800,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "ANDROID_NOTIF",
        "protocol" : "TCP",
        "sourcePort" : { "MOID" :

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"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75804",
  "hiPort" : 65535,
  "id" : 75804,
  "lowPort" : 1,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "1-65535",
  "portType" : "RANGE"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74769",
  "createdTime" : "2014-11-20T08:18:49Z",
  "defaultApplication" : false,
  "id" : 74769,
  "inactivityTimeout" : 1800,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "TCP-ALL",
  "protocol" : "TCP",
  "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75805",
  "hiPort" : 65535,
  "id" : 75805,
  "lowPort" : 1,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "1-65535",
  "portType" : "RANGE"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74771",
  "createdTime" : "2014-11-20T08:18:49Z",
  "defaultApplication" : false,
  "id" : 74771,
  "inactivityTimeout" : 60,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "UDP-ALL",
  "protocol" : "UDP",
  "sourcePort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75806",
  "hiPort" : 65535,
  "id" : 75806,
  "lowPort" : 1,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "1-65535",
  "portType" : "RANGE"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74773",
  "applicationProtocol" : "RTSP",
  "createdTime" : "2014-11-20T08:18:49Z",
  "defaultApplication" : false,
  "destinationPort" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.PortEntity:75807",
  "id" : 75807,
  "modifiedTime" : "2014-11-20T08:19:00Z",
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        "name" : 554,
        "portNo" : 554,
        "portType" : "SINGLE"
    },
    "id" : 74773,
    "inactivityTimeout" : 20000,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "cust-junos-rtsp"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:74777",
    "createdTime" : "2014-11-20T08:18:49Z",
    "defaultApplication" : true,
    "id" : 74777,
    "inactivityTimeout" : 20000,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "junos-imap"
},
{ "defaultApplication" : false,
  "id" : 65540,
  "name" : "junos-dcerpc-msexchange-directory-nsp"
},
{ "defaultApplication" : false,
  "id" : 65541,
  "name" : "junos-dcerpc-msexchange-information-store"
},
{ "defaultApplication" : false,
  "id" : 65542,
  "name" : "junos-dcerpc-msexchange-directory-rfr"
},
{ "defaultApplication" : false,
  "id" : 65543,
  "name" : "junos-dcerpc"
},
{ "defaultApplication" : false,
  "id" : 65544,
  "name" : "junos-dcerpc-endpoint-mapper-service"
},
{ "defaultApplication" : false,
  "id" : 65545,
  "name" : "junos-dce-rpc-portmap"
},
{ "defaultApplication" : false,
  "id" : 65551,
  "name" : "junos-dns-udp"
},
{ "defaultApplication" : false,
  "id" : 65553,
  "name" : "junos-rsh"
},
{ "defaultApplication" : false,
  "id" : 65555,
  "name" : "junos-rpc-services-tcp"
},
{ "defaultApplication" : false,
  "id" : 65556,

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"name" : "junos-rpc-services-udp"
},
{ "defaultApplication" : false,
  "id" : 65557,
  "name" : "junos-rpc-portmap-udp"
},
{ "defaultApplication" : false,
  "id" : 65559,
  "name" : "junos-rpc-portmap-tcp"
},
{ "defaultApplication" : false,
  "id" : 65561,
  "name" : "junos-realaudio"
},
{ "defaultApplication" : false,
  "id" : 65563,
  "name" : "junos-ip"
},
{ "defaultApplication" : false,
  "id" : 65564,
  "name" : "junos-ipsec-esp"
},
{ "defaultApplication" : false,
  "id" : 65565,
  "name" : "junos-sqlnet"
},
{ "defaultApplication" : false,
  "id" : 65567,
  "name" : "junos-sip"
},
{ "defaultApplication" : false,
  "id" : 65569,
  "name" : "junos-traceroute-ttl-1"
},
{ "defaultApplication" : false,
  "id" : 65571,
  "name" : "junos-traceroute"
},
{ "defaultApplication" : false,
  "id" : 65573,
  "name" : "junos-rlogin"
},
{ "defaultApplication" : false,
  "id" : 65575,
  "name" : "junos-rexec"
},
{ "defaultApplication" : false,
  "id" : 65577,
  "name" : "junos-ntalk"
},
{ "defaultApplication" : false,
  "id" : 65579,
  "name" : "junos-talk-udp"
},
{ "defaultApplication" : false,
  "id" : 65581,
```



```
"name" : "junos-talk-tcp"
},
{ "defaultApplication" : false,
  "id" : 65583,
  "name" : "junos-netbios-datagram"
},
{ "defaultApplication" : false,
  "id" : 65585,
  "name" : "junos-netbios-name-tcp"
},
{ "defaultApplication" : false,
  "id" : 65587,
  "name" : "junos-netbios-name-udp"
},
{ "defaultApplication" : false,
  "id" : 65589,
  "name" : "junos-netshow"
},
{ "defaultApplication" : false,
  "id" : 65591,
  "name" : "junos-iiop-orbix"
},
{ "defaultApplication" : false,
  "id" : 65593,
  "name" : "junos-iiop-java"
},
{ "defaultApplication" : false,
  "id" : 65595,
  "name" : "junos-icmp-ping"
},
{ "defaultApplication" : false,
  "id" : 65596,
  "name" : "junos-icmp-all"
},
{ "defaultApplication" : false,
  "id" : 65597,
  "name" : "junos-h323"
},
{ "defaultApplication" : false,
  "id" : 65599,
  "name" : "junos-citrix-winframe-udp"
},
{ "defaultApplication" : false,
  "id" : 65601,
  "name" : "junos-citrix-winframe"
},
{ "defaultApplication" : false,
  "id" : 65603,
  "name" : "junos-snmp-trap"
},
{ "defaultApplication" : false,
  "id" : 65605,
  "name" : "junos-snmp-response"
},
{ "defaultApplication" : false,
  "id" : 65607,
```

```
    "name" : "junos-snmp-get-next"
  },
  { "defaultApplication" : false,
    "id" : 65609,
    "name" : "junos-snmp-get"
  },
  { "defaultApplication" : false,
    "id" : 65613,
    "name" : "junos-tftp"
  },
  { "defaultApplication" : false,
    "id" : 65617,
    "name" : "junos-netbios-session"
  },
  { "defaultApplication" : false,
    "id" : 65619,
    "name" : "junos-smb-session"
  },
  { "defaultApplication" : false,
    "id" : 65621,
    "name" : "junos-ssh"
  },
  { "defaultApplication" : false,
    "id" : 65623,
    "name" : "junos-telnet"
  },
  { "defaultApplication" : false,
    "id" : 65625,
    "name" : "junos-smtp"
  },
  { "defaultApplication" : false,
    "id" : 65627,
    "name" : "junos-tacacs"
  },
  { "defaultApplication" : false,
    "id" : 65629,
    "name" : "junos-tacacs-ds"
  },
  { "defaultApplication" : false,
    "id" : 65631,
    "name" : "junos-dhcp-client"
  },
  { "defaultApplication" : false,
    "id" : 65633,
    "name" : "junos-dhcp-server"
  },
  { "defaultApplication" : false,
    "id" : 65635,
    "name" : "junos-bootpc"
  },
  { "defaultApplication" : false,
    "id" : 65637,
    "name" : "junos-bootps"
  },
  { "defaultApplication" : false,
    "id" : 65639,
```

```
"name" : "junos-finger"
},
{ "defaultApplication" : false,
  "id" : 65643,
  "name" : "junos-https"
},
{ "defaultApplication" : false,
  "id" : 65645,
  "name" : "junos-pop3"
},
{ "defaultApplication" : false,
  "id" : 65647,
  "name" : "junos-ident"
},
{ "defaultApplication" : false,
  "id" : 65649,
  "name" : "junos-nntp"
},
{ "defaultApplication" : false,
  "id" : 65651,
  "name" : "junos-ntp"
},
{ "defaultApplication" : false,
  "id" : 65655,
  "name" : "junos-imaps"
},
{ "defaultApplication" : false,
  "id" : 65657,
  "name" : "junos-bgp"
},
{ "defaultApplication" : false,
  "id" : 65659,
  "name" : "junos-ldap"
},
{ "defaultApplication" : false,
  "id" : 65661,
  "name" : "junos-snpp"
},
{ "defaultApplication" : false,
  "id" : 65663,
  "name" : "junos-biff"
},
{ "defaultApplication" : false,
  "id" : 65665,
  "name" : "junos-who"
},
{ "defaultApplication" : false,
  "id" : 65667,
  "name" : "junos-syslog"
},
{ "defaultApplication" : false,
  "id" : 65669,
  "name" : "junos-printer"
},
{ "defaultApplication" : false,
  "id" : 65671,
```

```
        "name" : "junos-rip"
      },
      { "defaultApplication" : false,
        "id" : 65673,
        "name" : "junos-radius"
      },
      { "defaultApplication" : false,
        "id" : 65675,
        "name" : "junos-radacct"
      },
      { "defaultApplication" : false,
        "id" : 65677,
        "name" : "junos-nfsd-tcp"
      },
      { "defaultApplication" : false,
        "id" : 65679,
        "name" : "junos-nfsd-udp"
      },
      { "defaultApplication" : false,
        "id" : 65681,
        "name" : "junos-cvspserver"
      },
      { "defaultApplication" : false,
        "id" : 65683,
        "name" : "junos-ldp-tcp"
      },
      { "defaultApplication" : false,
        "id" : 65685,
        "name" : "junos-ldp-udp"
      },
      { "defaultApplication" : false,
        "id" : 65687,
        "name" : "junos-xnm-ssl"
      },
      { "defaultApplication" : false,
        "id" : 65689,
        "name" : "junos-xnm-clear-text"
      },
      { "defaultApplication" : false,
        "id" : 65691,
        "name" : "junos-ike"
      }
    ],
    "applicationSet" : [ { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:74738",
      "applications" : [ "junos-dns-tcp",
        "junos-dns-udp",
        "junos-ftp",
        "junos-http",
        "junos-https",
        "junos-rtsp",
        "junos-pptp",
        "junos-tftp",
        "P2P_ID-CDX",
        "P2P_ID-CommNAT",
        "P2P_Data-Exch",
```

```

        "Yahoo_Push",
        "Mobile_Me",
        "ANDROID_NOTIF",
        "TCP-ALL",
        "UDP-ALL",
        "cust-junos-rtsp",
        "junos-traceroute",
        "junos-icmp-all"
    ],
    "createdTime" : "2014-11-20T08:18:49Z",
    "defaultApplicationSet" : false,
    "id" : 74738,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "SDG-APPS"
},
{ "defaultApplicationSet" : false,
  "id" : 65693,
  "name" : "junos-algs-outbound"
},
{ "defaultApplicationSet" : false,
  "id" : 65694,
  "name" : "junos-management-inbound"
},
{ "defaultApplicationSet" : false,
  "id" : 65695,
  "name" : "junos-cifs"
},
{ "defaultApplicationSet" : false,
  "id" : 65696,
  "name" : "junos-routing-inbound"
}
],
"hostName" : "mobst480x",
"outcome" : [ "ACCEPT",
              "DISCARD",
              "REJECT"
],
"rules" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:75145",
  "createdTime" : "2014-11-20T08:18:50Z",
  "id" : 75145,
  "isLocked" : false,
  "matchDirection" : "INPUT",
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "IPv6-SFW",
  "sfwTerms" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:76079",
    "applicationSets" : "SDG-APPS",
    "destinationAddresses" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76080",
      "addressType" : "NETWORK",
      "createdTime" : "2014-11-20T08:19:00Z",
      "id" : 76080,
      "ipAddress" : "10.128.0.0",
      "ipFamily" : "IPv4",
      "isLocked" : false,

```

```

        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
    },
    "id" : 76079,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "ACCEPT",
    "outcome" : "ACCEPT",
    "sourceAddresses" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76081",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 76081,
        "ipAddress" : "10.128.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
    }
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleEntity:75149",
    "createdTime" : "2014-11-20T08:18:50Z",
    "id" : 75149,
    "isLocked" : false,
    "matchDirection" : "INPUT",
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "TEST_RULE",
    "sfwTerms" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWTermEntity:76082",
        "applicationSets" : "SDG-APPS",
        "destinationAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76083",
            "addressType" : "NETWORK",
            "createdTime" : "2014-11-20T08:19:00Z",
            "id" : 76083,
            "ipAddress" : "10.224.0.0",
            "ipFamily" : "IPv4",
            "isLocked" : false,
            "modifiedTime" : "2014-11-20T08:19:00Z",
            "name" : "10.224.0.0/12",
            "netmask" : 12
        },
        { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76084",
            "addressType" : "NETWORK",
            "createdTime" : "2014-11-20T08:19:00Z",
            "id" : 76084,
            "ipAddress" : "10.128.0.0",
            "ipFamily" : "IPv4",
            "isLocked" : false,
            "modifiedTime" : "2014-11-20T08:19:00Z",
            "name" : "10.128.0.0/10",
            "netmask" : 10
        }
    ]
    }
    }
}

```

```

    }
  ],
  "id" : 76082,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : 1,
  "outcome" : "ACCEPT",
  "sourceAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76085",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:19:00Z",
  "id" : 76085,
  "ipAddress" : "10.165.58.128",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "10.165.58.128/25",
  "netmask" : 25
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76086",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:19:00Z",
  "id" : 76086,
  "ipAddress" : "10.192.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "10.192.0.0/11",
  "netmask" : 11
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76087",
  "addressType" : "NETWORK",
  "createdTime" : "2014-11-20T08:19:00Z",
  "id" : 76087,
  "ipAddress" : "10.252.0.0",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "10.252.0.0/14",
  "netmask" : 14
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76088",
  "addressType" : "HOST",
  "createdTime" : "2014-11-20T08:19:00Z",
  "id" : 76088,
  "ipAddress" : "10.11.11.11",
  "ipFamily" : "IPv4",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "10.11.11.11/32",
  "netmask" : 32
}
]
}

```

```

    }
  ],
  "serviceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75140",
  "createdTime" : "2014-11-20T08:18:50Z",
  "id" : 75140,
  "insideServiceInterface" : "sp-2/0/0.100",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "NAPT44-SS1",
  "natRules" : "napt44-SS1-r1",
  "outsideServiceInterface" : "sp-2/0/0.1000",
  "replicateServices" : { "nat" : true,
    "replicationThreshold" : 180,
    "statefulFirewall" : true
  },
  "sysLogName" : "local",
  "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:76076",
    "facilityOverride" : "LOCAL1",
    "id" : 76076,
    "ipAddress" : "local",
    "logPrefix" : 456,
    "name" : "local",
    "port" : 2526,
    "sessionLogsClose" : false,
    "sessionLogsOpen" : false,
    "syslogServiceType" : "ANY"
  }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75143",
  "createdTime" : "2014-11-20T08:18:50Z",
  "id" : 75143,
  "insideServiceInterface" : "sp-2/1/0.100",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "NAPT44-SS2",
  "natRules" : "napt44-SS2-r1",
  "outsideServiceInterface" : "sp-2/1/0.1000",
  "replicateServices" : { "nat" : true,
    "replicationThreshold" : 180,
    "statefulFirewall" : true
  },
  "sysLogName" : "10.2.1.1",
  "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:76078",
    "id" : 76078,
    "ipAddress" : "10.2.1.1",
    "name" : "10.2.1.1",
    "sessionLogsClose" : false,
    "sessionLogsOpen" : false,
    "syslogServiceType" : "ANY"
  }
},
{ "MOID" :

```



```

"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75144",
  "createdTime" : "2014-11-20T08:18:50Z",
  "id" : 75144,
  "insideServiceInterface" : "sp-1/1/0.99",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "IPv6-SFW",
  "outsideServiceInterface" : "sp-1/1/0.100",
  "sfwRules" : "IPv6-SFW"
}
],
"success" : false,
"totalRows" : 0
}

```

Save an Edited SFW Rule

This request is used to save a modified SFW rule.

URI	/api/sgd/configmanager/createSFWRule/ updateSFWRule
HTTP Method	POST
Content-Type	application/json; charset=UTF-8
Consumes	None
Produces	Saves an edited SFW rule instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "configEditData" : { "ruleEdits" : [ { "allRuleSets" : [ ],
  "allServiceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75140",
  "createdTime" : "2014-11-20T08:18:50Z",
  "id" : 75140,
  "insideServiceInterface" : "sp-2/0/0.100",
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:19:00Z",
  "name" : "NAPT44-SS1",
  "natRules" : "napt44-SS1-r1",
  "outsideServiceInterface" : "sp-2/0/0.1000",
  "replicateServices" : { "nat" : true,

```

```
        "replicationThreshold" : 180,
        "statefulFirewall" : true
    },
    "sysLogName" : "local",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:76076",
        "facilityOverride" : "LOCAL1",
        "id" : 76076,
        "ipAddress" : "local",
        "logPrefix" : 456,
        "name" : "local",
        "port" : 2526,
        "sessionLogsClose" : false,
        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75143",
    "createdTime" : "2014-11-20T08:18:50Z",
    "id" : 75143,
    "insideServiceInterface" : "sp-2/1/0.100",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "NAPT44-SS2",
    "natRules" : "napt44-SS2-r1",
    "outsideServiceInterface" : "sp-2/1/0.1000",
    "replicateServices" : { "nat" : true,
        "replicationThreshold" : 180,
        "statefulFirewall" : true
    },
    "sysLogName" : "10.2.1.1",
    "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:76078",
        "id" : 76078,
        "ipAddress" : "10.2.1.1",
        "name" : "10.2.1.1",
        "sessionLogsClose" : false,
        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75144",
    "createdTime" : "2014-11-20T08:18:50Z",
    "id" : 75144,
    "insideServiceInterface" : "sp-1/1/0.99",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "IPv6-SFW",
    "outsideServiceInterface" : "sp-1/1/0.100",
    "sfwRules" : "IPv6-SFW"
    }
],
"hostName" : "mobst480x",
"ruleSets" : [ ],
```

```

    "serviceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75144",
    "createdTime" : "2014-11-20T08:18:50Z",
    "id" : 75144,
    "insideServiceInterface" : "sp-1/1/0.99",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:19:00Z",
    "name" : "IPv6-SFW",
    "outsideServiceInterface" : "sp-1/1/0.100",
    "sfwRules" : "IPv6-SFW"
    } ],
    "sfwRule" : { "description" : "",
    "hostName" : "mobst480x",
    "id" : 75145,
    "matchDirection" : "INPUT",
    "name" : "IPv6-SFW",
    "sfwTerms" : [ { "applicationSets" : "SDG-APPS",
    "destinationAddresses" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76080",
        "addressType" : "NETWORK",
        "createdTime" : "2014-11-20T08:19:00Z",
        "id" : 76080,
        "ipAddress" : "10.128.0.0",
        "ipFamily" : "IPv4",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:19:00Z",
        "name" : "10.128.0.0/10",
        "netmask" : 10
        },
        "hostName" : "mobst480x",
        "id" : 76079,
        "name" : "ACCEPT",
        "outcome" : "ACCEPT",
        "sourceAddresses" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:76081",
            "addressType" : "NETWORK",
            "createdTime" : "2014-11-20T08:19:00Z",
            "id" : 76081,
            "ipAddress" : "10.128.0.0",
            "ipFamily" : "IPv4",
            "isLocked" : false,
            "modifiedTime" : "2014-11-20T08:19:00Z",
            "name" : "10.128.0.0/10",
            "netmask" : 10
            }
        },
        { "hostName" : "mobst480x",
        "name" : "REJECT",
        "outcome" : "REJECT"
        }
    ]
    },
    { "allRuleSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:68508",
    "createdTime" : "2014-11-20T08:15:30Z",

```

```

        "id" : 68508,
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "aaa",
        "sfwRules" : [ "IPv6-SFW",
            "rtsp"
        ]
    } ],
    "allServiceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68499",
        "createdTime" : "2014-11-20T08:15:30Z",
        "id" : 68499,
        "insideServiceInterface" : "sp-2/0/0.100",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "NAPT44-SS1",
        "natRules" : "napt44-SS1-r1",
        "outsideServiceInterface" : "sp-2/0/0.1000",
        "replicateServices" : { "nat" : true,
            "replicationThreshold" : 180,
            "statefulFirewall" : true
        },
        "sysLogName" : "local",
        "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:69469",
            "facilityOverride" : "LOCAL1",
            "id" : 69469,
            "ipAddress" : "local",
            "logPrefix" : 456,
            "name" : "local",
            "port" : 2526,
            "sessionLogsClose" : false,
            "sessionLogsOpen" : false,
            "syslogServiceType" : "ANY"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68502",
        "createdTime" : "2014-11-20T08:15:30Z",
        "id" : 68502,
        "insideServiceInterface" : "sp-2/1/0.100",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "NAPT44-SS2",
        "natRules" : "napt44-SS2-r1",
        "outsideServiceInterface" : "sp-2/1/0.1000",
        "replicateServices" : { "nat" : true,
            "replicationThreshold" : 180,
            "statefulFirewall" : true
        },
        "sysLogName" : "10.2.1.1",
        "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:69471",
            "id" : 69471,
            "ipAddress" : "10.2.1.1",
            "name" : "10.2.1.1",

```

```

        "sessionLogsClose" : false,
        "sessionLogsOpen" : false,
        "syslogServiceType" : "ANY"
    }
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68503",
    "createdTime" : "2014-11-20T08:15:30Z",
    "id" : 68503,
    "insideServiceInterface" : "sp-1/1/0.99",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "IPv6-SFW",
    "outsideServiceInterface" : "sp-1/1/0.100",
    "sfwRules" : "IPv6-SFW"
}
],
"hostName" : "mobst480w",
"ruleSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:68508",
    "id" : 68508,
    "isLocked" : false,
    "name" : "aaa",
    "sfwRules" : [ "IPv6-SFW",
        "rtsp"
    ]
} ],
"serviceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68503",
    "createdTime" : "2014-11-20T08:15:30Z",
    "id" : 68503,
    "insideServiceInterface" : "sp-1/1/0.99",
    "isLocked" : false,
    "modifiedTime" : "2014-11-20T08:15:52Z",
    "name" : "IPv6-SFW",
    "outsideServiceInterface" : "sp-1/1/0.100",
    "sfwRules" : "IPv6-SFW"
} ],
"sfwRule" : { "description" : "",
    "hostName" : "mobst480w",
    "id" : 68504,
    "matchDirection" : "INPUT",
    "name" : "IPv6-SFW",
    "sfwTerms" : [ { "hostName" : "mobst480w",
        "id" : 69472,
        "name" : "ACCEPT",
        "outcome" : "ACCEPT",
        "sourceAddresses" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:69473",
            "addressType" : "HOST",
            "createdTime" : "2014-11-20T08:15:52Z",
            "id" : 69473,
            "ipAddress" : "any-ipv6",
            "ipFamily" : "IPv6",
            "isLocked" : false,
            "modifiedTime" : "2014-11-20T08:15:52Z",

```

```

        "name" : "any-ipv6",
        "netmask" : 0
      }
    },
    { "hostname" : "mobst480w",
      "name" : "REJECT",
      "outcome" : "REJECT"
    }
  ]
}
}
]]}

```

Save a New SFW Rule

This request is used to save a new SFW rule.

URI	/api/sgd/configmanager/createSFWRule/ createSFWRule
HTTP Method	POST
Content-Type	application/json; charset=UTF-8
Consumes	None
Produces	Saves a new SFW rule instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```

{ "configEditData" : { "ruleEdits" : [ { "allRuleSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:68508",
  "createdTime" : "2014-11-20T08:15:30Z",
  "id" : 68508,
  "isLocked" : false,
  "modifiedTime" : "2014-11-20T08:15:52Z",
  "name" : "aaa",
  "sfwRules" : [ "IPv6-SFW",
    "rtsp"
  ]
} ],
  "allServiceSets" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68499",
  "createdTime" : "2014-11-20T08:15:30Z",
  "id" : 68499,
  "insideServiceInterface" : "sp-2/0/0.100",

```

```

        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "NAPT44-SS1",
        "natRules" : "napt44-SS1-r1",
        "outsideServiceInterface" : "sp-2/0/0.1000",
        "replicateServices" : { "nat" : true,
            "replicationThreshold" : 180,
            "statefulFirewall" : true
        },
        "sysLogName" : "local",
        "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:69469",
            "facilityOverride" : "LOCAL1",
            "id" : 69469,
            "ipAddress" : "local",
            "logPrefix" : 456,
            "name" : "local",
            "port" : 2526,
            "sessionLogsClose" : false,
            "sessionLogsOpen" : false,
            "syslogServiceType" : "ANY"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68502",
        "createdTime" : "2014-11-20T08:15:30Z",
        "id" : 68502,
        "insideServiceInterface" : "sp-2/1/0.100",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "NAPT44-SS2",
        "natRules" : "napt44-SS2-r1",
        "outsideServiceInterface" : "sp-2/1/0.1000",
        "replicateServices" : { "nat" : true,
            "replicationThreshold" : 180,
            "statefulFirewall" : true
        },
        "sysLogName" : "10.2.1.1",
        "syslogConfig" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:69471",
            "id" : 69471,
            "ipAddress" : "10.2.1.1",
            "name" : "10.2.1.1",
            "sessionLogsClose" : false,
            "sessionLogsOpen" : false,
            "syslogServiceType" : "ANY"
        }
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:68503",
        "createdTime" : "2014-11-20T08:15:30Z",
        "id" : 68503,
        "insideServiceInterface" : "sp-1/1/0.99",
        "isLocked" : false,
        "modifiedTime" : "2014-11-20T08:15:52Z",
        "name" : "IPv6-SFW",

```

```

        "outsideServiceInterface": "sp-1/1/0.100",
        "sfwRules": "IPv6-SFW"
    },
    ],
    "hostName": "mobst480w",
    "ruleSets": [ ],
    "serviceSets": [ ],
    "sfwRule": { "description": "",
        "hostName": "mobst480w",
        "matchDirection": "INPUT",
        "name": "SFW-1",
        "sfwTerms": [ { "applicationSets": [ "SDG-APPS" ],
            "destinationAddresses": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65539",
                "addressType": "HOST",
                "createdTime": "2014-11-20T08:09:58Z",
                "id": 65539,
                "ipAddress": "any-unicast",
                "ipFamily": "IPv4",
                "isLocked": false,
                "modifiedTime": "2014-11-20T08:09:58Z",
                "name": "any-unicast",
                "netmask": 0,
                "objectCreateType": "OBJECTBUILDER"
            } ],
            "hostName": "mobst480w",
            "name": "t1",
            "outcome": "ACCEPT",
            "sourceAddresses": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:68033",
                "addressType": "GROUP",
                "createdTime": "2014-11-20T08:15:52Z",
                "id": 68033,
                "isLocked": false,
                "members": "::-0",
                "modifiedTime": "2014-11-20T08:15:52Z",
                "name": "default-route-v6",
                "netmask": 0
            } ]
        } ]
    }
    ],
    { "allRuleSets": [ ],
        "allServiceSets": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75140",
            "createdTime": "2014-11-20T08:18:50Z",
            "id": 75140,
            "insideServiceInterface": "sp-2/0/0.100",
            "isLocked": false,
            "modifiedTime": "2014-11-20T08:19:00Z",
            "name": "NAPT44-SS1",
            "natRules": "napt44-SS1-r1",
            "outsideServiceInterface": "sp-2/0/0.1000",
            "replicateServices": { "nat": true,
                "replicationThreshold": 180,
                "statefulFirewall": true
            }
        } ]
    }

```



```

    },
    "sysLogName": "local",
    "syslogConfig": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:76076",
    "facilityOverride": "LOCAL1",
    "id": 76076,
    "ipAddress": "local",
    "logPrefix": 456,
    "name": "local",
    "port": 2526,
    "sessionLogsClose": false,
    "sessionLogsOpen": false,
    "syslogServiceType": "ANY"
    }
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75143",
    "createdTime": "2014-11-20T08:18:50Z",
    "id": 75143,
    "insideServiceInterface": "sp-2/1/0.100",
    "isLocked": false,
    "modifiedTime": "2014-11-20T08:19:00Z",
    "name": "NAPT44-SS2",
    "natRules": "napt44-SS2-r1",
    "outsideServiceInterface": "sp-2/1/0.1000",
    "replicateServices": { "nat": true,
    "replicationThreshold": 180,
    "statefulFirewall": true
    },
    "sysLogName": "10.2.1.1",
    "syslogConfig": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.SyslogEntity:76078",
    "id": 76078,
    "ipAddress": "10.2.1.1",
    "name": "10.2.1.1",
    "sessionLogsClose": false,
    "sessionLogsOpen": false,
    "syslogServiceType": "ANY"
    }
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.serviceset.ServiceSetEntity:75144",
    "createdTime": "2014-11-20T08:18:50Z",
    "id": 75144,
    "insideServiceInterface": "sp-1/1/0.99",
    "isLocked": false,
    "modifiedTime": "2014-11-20T08:19:00Z",
    "name": "IPv6-SFW",
    "outsideServiceInterface": "sp-1/1/0.100",
    "sfwRules": "IPv6-SFW"
  }
],
"hostName": "mobst480x",
"ruleSets": [ ],
"serviceSets": [ ],
"sfwRule": { "description": ""

```

```

    "hostname": "mobst480x",
    "matchDirection": "INPUT",
    "name": "SFW-1",
    "sfwTerms": [ { "applicationSets": [ "SDG-APPS" ],
    "destinationAddresses": [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65539",
    "addressType": "HOST",
    "createdTime": "2014-11-20T08:09:58Z",
    "id": 65539,
    "ipAddress": "any-unicast",
    "ipFamily": "IPv4",
    "isLocked": false,
    "modifiedTime": "2014-11-20T08:09:58Z",
    "name": "any-unicast",
    "netmask": 0,
    "objectCreateType": "OBJECTBUILDER"
    } ],
    "hostname": "mobst480x",
    "name": "t1",
    "outcome": "ACCEPT",
    "sourceAddresses": [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:74710",
    "addressType": "GROUP",
    "createdTime": "2014-11-20T08:19:00Z",
    "id": 74710,
    "isLocked": false,
    "members": "::/0",
    "modifiedTime": "2014-11-20T08:19:00Z",
    "name": "default-route-v6",
    "netmask": 0
    } ]
    } ]
  }
}
]}}

```

Delete a SFW Rule

This request is used to delete a SFW rule.

URI	/api/sgd/configmanager/createSFWPolicy/ deleteRules?ruleIds=75145,68504
HTTP Method	GET
Content-Type	application/json
Consumes	None
Produces	Deletes a SFW rule instance

Response Status Code

Message	Description
200 OK	Successful deletion of a SFW rule

Input

Sample JSON Input 75145,68504

Discard the Changes Made to a SFW Rule

This request is used to discard the configuration changes that were done to a SFW rule.

URI	/api/sgd/configmanager/sfwpolicyfilter/ discardchanges?ruleids=81825,81830
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter. sfwdetails+json;version=1;charset=UTF-8
Consumes	None
Produces	Discards the changes made to a SFW rule instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input 81825,81830

Get All Packet Filters Throughout a Network

This request is used to retrieve all the packet filters in the network

URI	/api/sgd/configmanager/sgdpacketfilter/ getAllPacketFilters/root?nodeName=All%20 Service%20Gateways&isGroup=false&limit=30 &page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter. packetfilterdetails+json;version="1"

Consumes	None
Produces	Retrieves all packet filter instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of packet filters in the network

Output**Sample JSON Output**

```
[ { "children": [ { "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "A-10",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "68871",
  "isLocked" : false,
  "sdgHost" : "mcmx240a-mcmx240c",
  "text" : "A-10"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "A-40",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "68867",
  "isLocked" : false,
  "sdgHost" : "mcmx240a-mcmx240c",
  "text" : "A-40"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "A-80",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "68862",
  "isLocked" : false,
  "sdgHost" : "mcmx240a-mcmx240c",
  "text" : "A-80"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "",
  "filterName" : "catch_http",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "68828",
  "isLocked" : false,
  "sdgHost" : "mcmx240a-mcmx240c",
  "text" : "catch_http"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
```

```

    "family": "",
    "filterName": "catch_http_v6",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "68833",
    "isLocked": false,
    "sdgHost": "mcmx240a-mcmx240c",
    "text": "catch_http_v6"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet6",
    "filterName": "catch_v6_http",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "68877",
    "isLocked": false,
    "sdgHost": "mcmx240a-mcmx240c",
    "text": "catch_v6_http"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "",
    "filterName": "f1",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "68841",
    "isLocked": false,
    "sdgHost": "mcmx240a-mcmx240c",
    "text": "f1"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "",
    "filterName": "ha-priority",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "68836",
    "isLocked": false,
    "sdgHost": "mcmx240a-mcmx240c",
    "text": "ha-priority"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet",
    "filterName": "Packet_Filter_6thNov",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "68852",
    "isLocked": false,
    "sdgHost": "mcmx240a-mcmx240c",
    "text": "Packet_Filter_6thNov"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "any",
    "filterName": "test-6thnov",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "68845",
    "isLocked": false,
    "sdgHost": "mcmx240a-mcmx240c",

```

```
"text": "test-6thnov"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "test-90",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "68847",
  "isLocked": false,
  "sdgHost": "mcmx240a-mcmx240c",
  "text": "test-90"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_CGNAT_data_ff_egress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65779",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_egress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_CGNAT_data_ff_egress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65785",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_egress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_CGNAT_data_ff_ingress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65776",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_ingress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_CGNAT_data_ff_ingress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65782",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_ingress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "",
  "filterName": "ha-priority",
```

```

    "iconCls": "x4-tree-noicon-sgd",
    "id": "65766",
    "isLocked": false,
    "sdgHost": "mobrg480m",
    "text": "ha-priority"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet",
    "filterName": "newfilter1",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "65769",
    "isLocked": false,
    "sdgHost": "mobrg480m",
    "text": "newfilter1"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet",
    "filterName": "test1",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "65772",
    "isLocked": false,
    "sdgHost": "mobrg480m",
    "text": "test1"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet",
    "filterName": "test2",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "65774",
    "isLocked": false,
    "sdgHost": "mobrg480m",
    "text": "test2"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "",
    "filterName": "catch_http",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "66218,67306",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "catch_http"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "",
    "filterName": "catch_http_v6",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67315",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "catch_http_v6"
  },
}

```

```
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet6",
  "filterName" : "catch_v6_http",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67414,66323",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "catch_v6_http"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "ESD_ADC_ctrl_ff_egress_IPv4",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66256,67347",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_ctrl_ff_egress_IPv4"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet6",
  "filterName" : "ESD_ADC_ctrl_ff_egress_IPv6",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66336,67453",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_ctrl_ff_egress_IPv6"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "ESD_ADC_ctrl_ff_ingress_IPv4",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66246,67337",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_ctrl_ff_ingress_IPv4"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet6",
  "filterName" : "ESD_ADC_ctrl_ff_ingress_IPv6",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67445,66328",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_ctrl_ff_ingress_IPv6"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "ESD_ADC_ctrl_ff_postScv_IPv4",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67345,66254",
```



```

        "isLocked" : false,
        "sdgHost" : "mobst480w-mobst480x",
        "text" : "ESD_ADC_ctrl_ff_postScv_IPv4"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet6",
      "filterName" : "ESD_ADC_ctrl_ff_postScv_IPv6",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "66334,67451",
      "isLocked" : false,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "ESD_ADC_ctrl_ff_postScv_IPv6"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet",
      "filterName" : "ESD_ADC_ctrl_ff_preScv_IPv4",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "66252,67343",
      "isLocked" : false,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "ESD_ADC_ctrl_ff_preScv_IPv4"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet6",
      "filterName" : "ESD_ADC_ctrl_ff_preScv_IPv6",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "67449,66332",
      "isLocked" : false,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "ESD_ADC_ctrl_ff_preScv_IPv6"
    }
  ],
  "expanded" : true,
  "iconCls" : "x4-tree-noicon-sgd",
  "sdgHost" : "Packet Filters",
  "totalRows" : 95
} ]

```

Get All Packet Filters for SDGs

This request is used to retrieve all the packet filters for SDGs.

URI	/api/sgd/configmanager/sgdpacketfilter/getAllPacketFilters/ root?nodeName=mobrg480m&isGroup=false &limit=30&page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter. packetfilterdetails+json;version=1
Consumes	None

Produces

Retrieves all packet filter instances for SDGs

Response Status Code

Message	Description
200 OK	Successful retrieval of packet filters for SDGs

Output**Sample JSON Output**

```
[ { "children": [ { "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_CGNAT_data_ff_egress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65779",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_egress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_CGNAT_data_ff_egress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65785",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_egress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_CGNAT_data_ff_ingress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65776",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_ingress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_CGNAT_data_ff_ingress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65782",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_ingress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "",
  "filterName": "ha-priority",
```

```

        "iconCls" : "x4-tree-noicon-sgd",
        "id" : "65766",
        "isLocked" : false,
        "sdgHost" : "mobrg480m",
        "text" : "ha-priority"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet",
      "filterName" : "newfilter1",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "65769",
      "isLocked" : false,
      "sdgHost" : "mobrg480m",
      "text" : "newfilter1"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet",
      "filterName" : "test1",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "65772",
      "isLocked" : false,
      "sdgHost" : "mobrg480m",
      "text" : "test1"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet",
      "filterName" : "test2",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "65774",
      "isLocked" : false,
      "sdgHost" : "mobrg480m",
      "text" : "test2"
    }
  ],
  "expanded" : true,
  "iconCls" : "x4-tree-noicon-sgd",
  "sdgHost" : "Packet Filters",
  "totalRows" : 8
} ]

```

Get All Packet Filters for SDG Groups

This request is used to retrieve all the packet filters for SDG groups.

URI	/api/sgd/configmanager/sgdpacketfilter/getAllPacketFilters/ root?nodeName=Default-Group&isGroup=true&limit=30& page=1&node=root&isRoot=true
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter. packetfilterdetails+json

Consumes	None
Produces	Retrieves all packet filter instances for SDG groups

Response Status Code

Message	Description
200 OK	Successful retrieval of packet filters for SDG groups

Output**Sample JSON Output**

```
[ { "children": [ { "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_CGNAT_data_ff_egress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65779",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_egress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_CGNAT_data_ff_egress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65785",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_egress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_CGNAT_data_ff_ingress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65776",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_ingress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_CGNAT_data_ff_ingress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "65782",
  "isLocked": false,
  "sdgHost": "mobrg480m",
  "text": "ESD_CGNAT_data_ff_ingress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
```

```

    "family" : "",
    "filterName" : "ha-priority",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "65766",
    "isLocked" : false,
    "sdgHost" : "mobrg480m",
    "text" : "ha-priority"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "family" : "inet",
    "filterName" : "newfilter1",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "65769",
    "isLocked" : false,
    "sdgHost" : "mobrg480m",
    "text" : "newfilter1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "family" : "inet",
    "filterName" : "test1",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "65772",
    "isLocked" : false,
    "sdgHost" : "mobrg480m",
    "text" : "test1"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "family" : "inet",
    "filterName" : "test2",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "65774",
    "isLocked" : false,
    "sdgHost" : "mobrg480m",
    "text" : "test2"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "family" : "",
    "filterName" : "catch_http",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "67306,66218",
    "isLocked" : false,
    "sdgHost" : "mobst480w-mobst480x",
    "text" : "catch_http"
  },
  { "checkBoxShow" : true,
    "configEditStatus" : "null",
    "family" : "",
    "filterName" : "catch_http_v6",
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "67315",
    "isLocked" : false,
    "sdgHost" : "mobst480w-mobst480x",

```

```
"text": "catch_http_v6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "catch_v6_http",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "67414,66323",
  "isLocked": false,
  "sdgHost": "mobst480w-mobst480x",
  "text": "catch_v6_http"
},
{ "checkBoxShow": true,
  "configEditStatus": "DELETED",
  "family": "inet",
  "filterName": "ESD_ADC_ctrl_ff_egress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "67347,66256",
  "isLocked": false,
  "sdgHost": "mobst480w-mobst480x",
  "text": "ESD_ADC_ctrl_ff_egress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_ADC_ctrl_ff_egress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "67453,66336",
  "isLocked": false,
  "sdgHost": "mobst480w-mobst480x",
  "text": "ESD_ADC_ctrl_ff_egress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_ADC_ctrl_ff_ingress_IPv4",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "66246,67337",
  "isLocked": false,
  "sdgHost": "mobst480w-mobst480x",
  "text": "ESD_ADC_ctrl_ff_ingress_IPv4"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet6",
  "filterName": "ESD_ADC_ctrl_ff_ingress_IPv6",
  "iconCls": "x4-tree-noicon-sgd",
  "id": "67445,66328",
  "isLocked": false,
  "sdgHost": "mobst480w-mobst480x",
  "text": "ESD_ADC_ctrl_ff_ingress_IPv6"
},
{ "checkBoxShow": true,
  "configEditStatus": "null",
  "family": "inet",
  "filterName": "ESD_ADC_ctrl_ff_postScv_IPv4",
```

```

    "iconCls": "x4-tree-noicon-sgd",
    "id": "67345,66254",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "ESD_ADC_ctrl_ff_postScv_IPv4"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet6",
    "filterName": "ESD_ADC_ctrl_ff_postScv_IPv6",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67451,66334",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "ESD_ADC_ctrl_ff_postScv_IPv6"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet",
    "filterName": "ESD_ADC_ctrl_ff_preScv_IPv4",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67343,66252",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "ESD_ADC_ctrl_ff_preScv_IPv4"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet6",
    "filterName": "ESD_ADC_ctrl_ff_preScv_IPv6",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67449,66332",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "ESD_ADC_ctrl_ff_preScv_IPv6"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet",
    "filterName": "ESD_ADC_ctrl_rf_postScv_IPv4",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67356,66265",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "ESD_ADC_ctrl_rf_postScv_IPv4"
  },
  { "checkBoxShow": true,
    "configEditStatus": "null",
    "family": "inet6",
    "filterName": "ESD_ADC_ctrl_rf_postScv_IPv6",
    "iconCls": "x4-tree-noicon-sgd",
    "id": "67460,66343",
    "isLocked": false,
    "sdgHost": "mobst480w-mobst480x",
    "text": "ESD_ADC_ctrl_rf_postScv_IPv6"
  },
  },

```

```
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "ESD_ADC_ctrl_rf_preScv_IPv4",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67354,66263",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_ctrl_rf_preScv_IPv4"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet6",
  "filterName" : "ESD_ADC_ctrl_rf_preScv_IPv6",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67458,66341",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_ctrl_rf_preScv_IPv6"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "ESD_ADC_data_ff_egress_IPv4",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67405,66314",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_data_ff_egress_IPv4"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet6",
  "filterName" : "ESD_ADC_data_ff_egress_IPv6",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66390,67507",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_data_ff_egress_IPv6"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet",
  "filterName" : "ESD_ADC_data_ff_ingress_IPv4",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "67402,66311",
  "isLocked" : false,
  "sdgHost" : "mobst480w-mobst480x",
  "text" : "ESD_ADC_data_ff_ingress_IPv4"
},
{ "checkBoxShow" : true,
  "configEditStatus" : "null",
  "family" : "inet6",
  "filterName" : "ESD_ADC_data_ff_ingress_IPv6",
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "66387,67504",
```



```

        "isLocked" : false,
        "sdgHost" : "mobst480w-mobst480x",
        "text" : "ESD_ADC_data_ff_ingress_IPv6"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "UPDATED",
      "family" : "inet",
      "filterName" : "ESD_ADC_data_ff_postScv_IPv4",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "74979,74982",
      "isLocked" : true,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "ESD_ADC_data_ff_postScv_IPv4"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet6",
      "filterName" : "ESD_ADC_data_ff_postScv_IPv6",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "66347,67464",
      "isLocked" : false,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "ESD_ADC_data_ff_postScv_IPv6"
    },
    { "checkBoxShow" : true,
      "configEditStatus" : "null",
      "family" : "inet",
      "filterName" : "ESD_ADC_data_ff_preScv_IPv4",
      "iconCls" : "x4-tree-noicon-sgd",
      "id" : "67358,66267",
      "isLocked" : false,
      "sdgHost" : "mobst480w-mobst480x",
      "text" : "ESD_ADC_data_ff_preScv_IPv4"
    }
  ],
  "expanded" : true,
  "iconCls" : "x4-tree-noicon-sgd",
  "sdgHost" : "Packet Filters",
  "totalRows" : 96
} ]

```

Lock a Packet Filter

This request is used to lock a packet filter.

URI	/api/sgd/configmanager/sgdpacketfilter/lockFilters
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter. packetfilterdetails+json;version=1
Consumes	None

Produces

Locks a packet filter instance

Response Status Code

Message	Description
200 OK	Successful lock of a packet filter

Input**Sample JSON Input****Unlock a Packet Filter**

This request is used to unlock a packet filter.

URI	/api/sgd/configmanager/sgdpacketfilter/lockFilters
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.policyfilter.packetfilterdetails+json;version=1
Consumes	None
Produces	Unlocks a packet filter instance

Response Status Code

Message	Description
200 OK	Successful unlock of a packet filter

Input**Sample JSON Input****Save an Edited Packet Filter**

This request is used to save a modified packet filter.

URI	/api/sgd/configmanager/createPacketFilter /editPacketFilter
HTTP Method	POST
Content-Type	application/json; charset=UTF-8
Consumes	None
Produces	Saves an edited packet filter instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input

```
{ "packetFilterEditRequest": { "filterEdits": [ { "hostName": "mobst480x",
  "packetFilterTO": { "description": "",
    "family": "inet",
    "id": 66269,
    "interfaceFilterMappingTO": [ { "filterType": "Input",
      "hostName": "mobst480x",
      "interfaceName": "sp-1/1/0",
      "unitName": "99"
    } ],
    "name": "ESD_ADC_data_ff_postScv_IPv4",
    "packetFilterTerms": [ { "count": "ESD_ADC_data_ff_postScv_IPv4",
      "hostName": "mobst480x",
      "name": "term1"
    } ]
  } ],
  },
  { "hostName": "mobst480w",
    "packetFilterTO": { "description": "",
      "family": "inet",
      "id": 67360,
      "interfaceFilterMappingTO": [ { "filterType": "Input",
        "hostName": "mobst480w",
        "interfaceName": "sp-1/1/0",
        "unitName": "99"
      } ],
      "name": "ESD_ADC_data_ff_postScv_IPv4",
      "packetFilterTerms": [ { "count": "ESD_ADC_data_ff_postScv_IPv4",
        "hostName": "mobst480w",
        "name": "term1"
      } ]
    } ]
  }
} ] }
```

Save a New Packet Filter

This request is used to save a new packet filter.

URI	/api/sgd/configmanager/createPacketFilter/createNewPacketFilter
HTTP Method	POST
Content-Type	application/json; charset=UTF-8
Consumes	None

Produces

Saves a new packet filter instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input**Sample JSON Input**

```
{ "packetFilterEditRequest": { "filterEdits": [ { "hostName": "mobst480w",
"packetFilterTO": { "description": "",
"family": "inet",
"interfaceFilterMappingTO": [ { "filterType": "Input",
"hostName": "mobst480w",
"interfaceName": "sp-1/1/0",
"unitName": "100"
} ],
"name": "test123",
"packetFilterTerms": [ { "action": "ACCEPT",
"count": "cntrl",
"destinationAddresses": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:67059",
"addressType": "GROUP",
"createdTime": "2014-11-19T06:37:20Z",
"id": 67059,
"isLocked": false,
"members": "10.165.49.208/28",
"modifiedTime": "2014-11-19T06:37:20Z",
"name": "NAT-P2P",
"netmask": 0
} ],
"hostName": "mobst480w",
"name": "term-t1",
"sourceAddresses": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:67059",
"addressType": "GROUP",
"createdTime": "2014-11-19T06:37:20Z",
"id": 67059,
"isLocked": false,
"members": "10.165.49.208/28",
"modifiedTime": "2014-11-19T06:37:20Z",
"name": "NAT-P2P",
"netmask": 0
} ]
} ]
} ],
},
{ "hostName": "mobst480x",
"packetFilterTO": { "description": "",
"family": "inet",
"interfaceFilterMappingTO": [ { "filterType": "Input",
"hostName": "mobst480x",
```

```

        "interfaceName" : "sp-1/1/0",
        "unitName" : "100"
    } ],
    "name" : "test123",
    "packetFilterTerms" : [ { "action" : "ACCEPT",
        "count" : "cntr1",
        "destinationAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65984",
            "addressType" : "GROUP",
            "createdTime" : "2014-11-19T06:37:08Z",
            "id" : 65984,
            "isLocked" : false,
            "members" : "10.165.49.208/28",
            "modifiedTime" : "2014-11-19T06:37:08Z",
            "name" : "NAT-P2P",
            "netmask" : 0
        } ],
        "hostName" : "mobst480x",
        "name" : "term-t1",
        "sourceAddresses" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.AddressEntity:65984",
            "addressType" : "GROUP",
            "createdTime" : "2014-11-19T06:37:08Z",
            "id" : 65984,
            "isLocked" : false,
            "members" : "10.165.49.208/28",
            "modifiedTime" : "2014-11-19T06:37:08Z",
            "name" : "NAT-P2P",
            "netmask" : 0
        } ]
    } ]
}
}
]}}}

```

Delete a Packet Filter

This request is used to delete a packet filter.

URI	/api/sgd/configmanager/createPacketFilter/deleteFilters?filterIds=66256,67347
HTTP Method	GET
Content-Type	application/json
Consumes	None
Produces	Deletes a packet filter instance

Response Status Code

Message	Description
200 OK	Successful deletion of a packet filter

Input

Sample JSON Input 66256,67347

Discard the Changes Made to a Packet Filter

This request is used to discard the configuration changes that were done to a packet filter.

URI	/api/sgd/configmanager/sgdPacketFilter/discardChanges?filterIds=66256,67347
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.policyfilter.packetfilterdetails+json;version=1;charset=UTF-8
Consumes	None
Produces	Discards the changes made to a packet filter instance

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body

Input

Sample JSON Input 66256,67347

CHAPTER 10

Enhanced Service Edit RESTful Web Services

- Enhanced Service Edit RESTful Web Services on page 549

Enhanced Service Edit RESTful Web Services

The following operations can be performed using the Edge Services Director Enhanced Service Edit RESTful Web Services.

Get All ADC Instances

This request is used to retrieve all the ADC instances defined across SDGs and SDG groups in your network.

URI	/api/sgd/configmanager/sgdserviceedit/getallreferenceconfig?_dc=1429779418991&configType=ADC_SERVICES&detailType=&value=&page=1&start=0&limit=25
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit.referenceconfig+json;version=1;charset=UTF-8
Consumes	None
Produces	Retrieves all ADC service template instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of ADC service instances in the network

Output

Sample JSON Output

```
{ "response" : { "data" : { "MOID" :  
  "net.juniper.jmp.sgd.configmanager.search.jp.a.ADCReferenceConfigEntity:262304",  
  "commonConfigs" : [ "ADC_REAL_SERVERS",
```

```
        "ADC_CUSTOM_HEALTH_CHECKS",
        "ADC_SERVER_GROUPS",
        "ADC_HEALTH_CHECK_SOURCES",
        "ADC_VIRTUAL_SERVERS"
    ],
    "components" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "DNS1",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "DNS2",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "DNS3",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "DNS4",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "DNS5",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

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        "configName" : "DNS7",
        "hostMatchStatusMap" : "",
```



```

        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS01",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS02",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
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        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS03",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS04",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS05",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS06",
        "hostMatchStatusMap" : "",
        "id" : 262306,
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```

```
    },
    { "MOID" :
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      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP01TS07",
      "hostMatchStatusMap" : "",
      "id" : 262306,
      "version" : 1
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    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP01TS08",
      "hostMatchStatusMap" : "",
      "id" : 262306,
      "version" : 1
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      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP01TS09",
      "hostMatchStatusMap" : "",
      "id" : 262306,
      "version" : 1
    },
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      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP01TS10",
      "hostMatchStatusMap" : "",
      "id" : 262306,
      "version" : 1
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      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP01TS11",
      "hostMatchStatusMap" : "",
      "id" : 262306,
      "version" : 1
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      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP02TS01",
      "hostMatchStatusMap" : "",
      "id" : 262306,
      "version" : 1
    },
    { "MOID" :
```

```

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"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

```

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    "hostMatchStatusMap": "",
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    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
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```

```

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    { "MOID" :
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        "hostMatchStatusMap" : "",
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        "id" : 262306,
        "version" : 1
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        "version" : 1
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        "version" : 1
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        "configName" : "MSP03TS09",
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```

```
        "version" : 1
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      { "MOID" :
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        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
      },
      { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262306",

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        "configName" : "MSP03TS11",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
      },
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        "configName" : "MSP04TS01",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
      },
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        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
      },
      { "MOID" :
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        "configName" : "MSP04TS03",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
      },
      { "MOID" :
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        "hostMatchStatusMap" : "",
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        "version" : 1
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    ],
  },
}
```

```

    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262306",

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    "id" : 262306,
    "version" : 1
    },
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"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262306",

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    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
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"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262306",

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    "configName" : "MSP04TS07",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262306",

    "configCategory" : "ADC_REAL_SERVERS",
    "configName" : "MSP04TS08",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262306",

    "configCategory" : "ADC_REAL_SERVERS",
    "configName" : "MSP04TS09",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262306",

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    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
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```

```
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        "hostMatchStatusMap": "",
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        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
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        "hostMatchStatusMap": "",
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        "version": 1
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        "configName": "DNS3-v6",
        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
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    { "MOID":
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        "configCategory": "ADC_REAL_SERVERS",
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        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
    },
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        "configName": "DNS5-v6",
        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262306",

        "configCategory": "ADC_REAL_SERVERS",
```



```

        "configName": "DNS6-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
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"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

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        "configName": "MSP01TS01-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

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        "configName": "MSP01TS02-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory": "ADC_REAL_SERVERS",
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        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory": "ADC_REAL_SERVERS",
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        "id" : 262306,
        "version" : 1
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        "configName": "MSP01TS05-v6",
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        "id" : 262306,
        "version" : 1
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        "configName": "MSP01TS06-v6",
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```

```
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        "version" : 1
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        "configName" : "MSP01TS08-v6",
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        "version" : 1
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        "configName" : "MSP01TS09-v6",
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        "version" : 1
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        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS10-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
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        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP01TS11-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP02TS01-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
```

```

    },
    { "MOID" :
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    "configName" : "MSP02TS02-v6",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :
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    "configName" : "MSP02TS03-v6",
    "hostMatchStatusMap" : "",
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    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

    "configCategory" : "ADC_REAL_SERVERS",
    "configName" : "MSP02TS04-v6",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

    "configCategory" : "ADC_REAL_SERVERS",
    "configName" : "MSP02TS05-v6",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

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    "configName" : "MSP02TS06-v6",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
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"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

    "configCategory" : "ADC_REAL_SERVERS",
    "configName" : "MSP02TS07-v6",
    "hostMatchStatusMap" : "",
    "id" : 262306,
    "version" : 1
    },
    { "MOID" :

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```
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262306",

    "configCategory": "ADC_REAL_SERVERS",
    "configName": "MSP02TS08-v6",
    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
  },
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    "configCategory": "ADC_REAL_SERVERS",
    "configName": "MSP02TS09-v6",
    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
  },
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    "configCategory": "ADC_REAL_SERVERS",
    "configName": "MSP02TS10-v6",
    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
  },
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    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
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    "configName": "MSP03TS01-v6",
    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262306",

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    "hostMatchStatusMap": "",
    "id": 262306,
    "version": 1
  },
  { "MOID" :
```

```

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        "hostMatchStatusMap": "",
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        "version": 1
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    { "MOID":
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        "configName": "MSP03TS04-v6",
        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
    },
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        "configCategory": "ADC_REAL_SERVERS",
        "configName": "MSP03TS05-v6",
        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory": "ADC_REAL_SERVERS",
        "configName": "MSP03TS06-v6",
        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
    },
    { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory": "ADC_REAL_SERVERS",
        "configName": "MSP03TS07-v6",
        "hostMatchStatusMap": "",
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        "version": 1
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"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

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        "configName": "MSP03TS08-v6",
        "hostMatchStatusMap": "",
        "id": 262306,
        "version": 1
    },
    { "MOID":
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        "configCategory": "ADC_REAL_SERVERS",
        "configName": "MSP03TS09-v6",

```

```
        "hostMatchStatusMap" : "",
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        "version" : 1
    },
    { "MOID" :
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        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP03TS10-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP03TS11-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS01-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS02-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
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        "configName" : "MSP04TS03-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS04-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
```

```

        "version" : 1
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    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS05-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS06-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS07-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS08-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS09-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",

        "configCategory" : "ADC_REAL_SERVERS",
        "configName" : "MSP04TS10-v6",
        "hostMatchStatusMap" : "",
        "id" : 262306,
        "version" : 1
    },
    },

```

```
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",  
  
  "configCategory" : "ADC_REAL_SERVERS",  
  "configName" : "MSP04TS11-v6",  
  "hostMatchStatusMap" : "",  
  "id" : 262306,  
  "version" : 1  
},  
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",  
  
  "configCategory" : "ADC_REAL_SERVERS",  
  "configName" : 12345,  
  "hostMatchStatusMap" : "",  
  "id" : 262306,  
  "version" : 1  
},  
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262306",  
  
  "configCategory" : "ADC_REAL_SERVERS",  
  "configName" : "DNS10",  
  "hostMatchStatusMap" : "",  
  "id" : 262306,  
  "version" : 1  
},  
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262307",  
  
  "configCategory" : "ADC_HEALTH_CHECK_SOURCES",  
  "configName" : 3827,  
  "hostMatchStatusMap" : "",  
  "id" : 262307,  
  "version" : 1  
},  
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262307",  
  
  "configCategory" : "ADC_HEALTH_CHECK_SOURCES",  
  "configName" : 3822,  
  "hostMatchStatusMap" : "",  
  "id" : 262307,  
  "version" : 1  
},  
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262308",  
  
  "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",  
  "configName" : "http-option-8080-123",  
  "hostMatchStatusMap" : "",  
  "id" : 262308,  
  "version" : 1  
},  
{ "MOID" :  
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262308",
```



```

        "configCategory": "ADC_CUSTOM_HEALTH_CHECKS",
        "configName": "radius-hc",
        "hostMatchStatusMap" : "",
        "id" : 262308,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262308",

        "configCategory": "ADC_CUSTOM_HEALTH_CHECKS",
        "configName": "HTTP-OPTION-8080",
        "hostMatchStatusMap" : "",
        "id" : 262308,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262308",

        "configCategory": "ADC_CUSTOM_HEALTH_CHECKS",
        "configName": "HTTP-OPTION-8087",
        "hostMatchStatusMap" : "",
        "id" : 262308,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262308",

        "configCategory": "ADC_CUSTOM_HEALTH_CHECKS",
        "configName": "HTTP-OPTION-8087-NEW",
        "hostMatchStatusMap" : "",
        "id" : 262308,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262308",

        "configCategory": "ADC_CUSTOM_HEALTH_CHECKS",
        "configName": "IPv6-DNS",
        "hostMatchStatusMap" : "",
        "id" : 262308,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262308",

        "configCategory": "ADC_CUSTOM_HEALTH_CHECKS",
        "configName": "test",
        "hostMatchStatusMap" : "",
        "id" : 262308,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262309",

        "configCategory": "ADC_SERVER_GROUPS",

```

```
    "configName": "DNS-FARM-1",
    "hostMatchStatusMap": "",
    "id": 262309,
    "version": 1
  },
  { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

    "configCategory": "ADC_SERVER_GROUPS",
    "configName": "SERVER-FARM-HTTP",
    "hostMatchStatusMap": "",
    "id": 262309,
    "version": 1
  },
  { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

    "configCategory": "ADC_SERVER_GROUPS",
    "configName": "SERVER-FARM-SecureEntitlement",
    "hostMatchStatusMap": "",
    "id": 262309,
    "version": 1
  },
  { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

    "configCategory": "ADC_SERVER_GROUPS",
    "configName": "SERVER-FARM-SimpleEntitlement",
    "hostMatchStatusMap": "",
    "id": 262309,
    "version": 1
  },
  { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

    "configCategory": "ADC_SERVER_GROUPS",
    "configName": "SERVER-FARM-DNS-v6",
    "hostMatchStatusMap": "",
    "id": 262309,
    "version": 1
  },
  { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

    "configCategory": "ADC_SERVER_GROUPS",
    "configName": "SERVER-FARM-HTTP-v6",
    "hostMatchStatusMap": "",
    "id": 262309,
    "version": 1
  },
  { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

    "configCategory": "ADC_SERVER_GROUPS",
    "configName": "SERVER-FARM-SecEntitlement-v6",
    "hostMatchStatusMap": "",
```

```

        "id" : 262309,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "SERVER-FARM-SmplEntitlement-v6",
        "hostMatchStatusMap" : "",
        "id" : 262309,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262309",

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "IPv4-MSP-RADIUS",
        "hostMatchStatusMap" : "",
        "id" : 262309,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262310",

        "configCategory" : "ADC_VIRTUAL_SERVERS",
        "configName" : "DNS-VIP2",
        "hostMatchStatusMap" : "",
        "id" : 262310,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262310",

        "configCategory" : "ADC_VIRTUAL_SERVERS",
        "configName" : "HTTP-8080-VIP",
        "hostMatchStatusMap" : "",
        "id" : 262310,
        "version" : 1
    },
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"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262310",

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        "configName" : "Secure-Entitlement-443-VIP",
        "hostMatchStatusMap" : "",
        "id" : 262310,
        "version" : 1
    },
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"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262310",

        "configCategory" : "ADC_VIRTUAL_SERVERS",
        "configName" : "Simple-Entitlement-80-VIP",
        "hostMatchStatusMap" : "",
        "id" : 262310,
        "version" : 1
    }

```

```
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262310",

      "configCategory" : "ADC_VIRTUAL_SERVERS",
      "configName" : "DNS-VIP1-v6",
      "hostMatchStatusMap" : "",
      "id" : 262310,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262310",

      "configCategory" : "ADC_VIRTUAL_SERVERS",
      "configName" : "DNS-VIP2-v6",
      "hostMatchStatusMap" : "",
      "id" : 262310,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262310",

      "configCategory" : "ADC_VIRTUAL_SERVERS",
      "configName" : "HTTP-8080-VIP-v6",
      "hostMatchStatusMap" : "",
      "id" : 262310,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262310",

      "configCategory" : "ADC_VIRTUAL_SERVERS",
      "configName" : "Secure-Entitlement-443-VIP-v6",
      "hostMatchStatusMap" : "",
      "id" : 262310,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262310",

      "configCategory" : "ADC_VIRTUAL_SERVERS",
      "configName" : "Simple-Entitlement-80-VIP-v6",
      "hostMatchStatusMap" : "",
      "id" : 262310,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262310",

      "configCategory" : "ADC_VIRTUAL_SERVERS",
      "configName" : "RADIUS-1813-VIP",
      "hostMatchStatusMap" : "",
      "id" : 262310,
      "version" : 1
    }
  ],
```

```
    "configCategory": "ADC_SERVICES",
    "configName": "lb1",
    "groupName": "Default-Group",
    "id": 262304,
    "referenceDeviceId": 622605,
    "referenceHostName": "mobst480w",
    "status": "DIRTY",
    "version": 1
  },
  "success": true,
  "totalRows": 0
} }
```

Prepare a Service Template Structure From an SDG Host

This request is used to construct the service template structure from the SDG host on which it is defined. The structure or format of a template provides the attributes and settings that are configured for a service on an SDG device.

URI	/api/sgd/configmanager/servicetemplate/ prepareservicestructurefromhost
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.configmanager. servicetemplate.prepareservicestructurefromhost +json;version=1;charset=UTF-8
Consumes	None
Produces	Generates a service template structure from an SDG device

Response Status Code

Message	Description
200 OK	Successful generation of a service template structure

Input

Sample JSON Input

```
"serviceTemplateInput": {serviceType: ""ADC"", instanceName: ""lb1"", deviceId:
622605,...}
configCategory: ""ADC_SERVICES""
configTypes: [""ADC_REAL_SERVERS"", ""ADC_CUSTOM_HEALTH_CHECKS"",
""ADC_SERVER_GROUPS"", ""ADC_HEALTH_CHECK_SOURCES"",...]
0: ""ADC_REAL_SERVERS""
1: ""ADC_CUSTOM_HEALTH_CHECKS""
2: ""ADC_SERVER_GROUPS""
3: ""ADC_HEALTH_CHECK_SOURCES""
4: ""ADC_VIRTUAL_SERVERS""
deviceId: 622605
groupName: ""Default-Group""
hostName: ""mobst480w""
```

```
instanceName: ""lb1""
serviceType: ""ADC""
```

Output

Sample JSON Output

```
{
  "response":{
    "to":{
      "configViewComponentsTOs":[
        {
          "configViewComponentList":[
            {
              "name":"DNS1",
              "configKnob":"real-servers",
              "truncatedName":"DNS1",
              "labelAlign":"right",
              "image":"\sgdui\web\images\viewconfig\real_server.png",
              "parentPanel":"real-servers",

              "description": "",
              "componenttype": "ADC_REAL_SERVERS"
            },
            {
              "name":"DNS2",
              "configKnob":"real-servers",
              "truncatedName":"DNS2",
              "labelAlign":"right",
              "image":"\sgdui\web\images\viewconfig\real_server.png",
              "parentPanel":"real-servers",

              "description": "",
              "componenttype": "ADC_REAL_SERVERS"
            },
            {
              "name":"DNS3",
              "configKnob":"real-servers",
              "truncatedName":"DNS3",
              "labelAlign":"right",
              "image":"\sgdui\web\images\viewconfig\real_server.png",
              "parentPanel":"real-servers",

              "description": "",
              "componenttype": "ADC_REAL_SERVERS"
            },
            {
              "name":"DNS4",
              "configKnob":"real-servers",
              "truncatedName":"DNS4",
              "labelAlign":"right",
              "image":"\sgdui\web\images\viewconfig\real_server.png",
```

```
"parentPanel":"real-servers",
```

```

    "description": "",
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```

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```

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```

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```

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```

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        "paretPanel": "real-servers",

```

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```

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        "paretPanel": "real-servers",

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```

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```

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"labelAlign": "right",
"image": "\sgdui\web\images\viewconfig\real_server.png",
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```

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    },
    {
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      "configKnob": "real-servers",
      "truncatedName": "MSP03TS0..",
      "labelAlign": "right",
      "image": "\sgui\web\images\viewconfig\real_server.png",
      "parentPanel": "real-servers",

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```

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      "truncatedName": "MSP03TS0..",
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```

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    },
    {
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```

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```

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      "labelAlign": "right",
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      "labelAlign": "right",
      "image": "\sgdui\web\images\viewconfig\real_server.png",
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      "truncatedName": "MSP04TS0..",
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      "image": "\sgdui\web\images\viewconfig\real_server.png",
      "paretPanel": "real-servers",

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```

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```

```

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      "description": "",
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    },
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      "truncatedName": "MSP04TS0..",
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      "truncatedName": "MSP04TS0..",
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      "parentPanel": "real-servers",

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    },
    {

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      "name": "MSP04TS07",
      "configKnob": "real-servers",
      "truncatedName": "MSP04TS0..",
      "labelAlign": "right",
      "image": "\sgdui\web\images\viewconfig\real_server.png",
      "parentPanel": "real-servers",

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```

```

      "description": "",
      "componenttype": "ADC_REAL_SERVERS"
    }

```


Prepare a Device-Specific Service Template Structure From an SDG Host

This request is used to construct the device-specific service template structure from the SDG host on which it is defined.

URI	/api/sgd/configmanager/deploymentplan/ prepdevicesvcstructfromhostcfg
HTTP Method	POST
Content-Type	application/x-www-form-urlencoded application/vnd.net.juniper.space.sgd.configmanager. deploymentplan.prepdevicesvcstructfromhostcfg +json;version=1;charset=UTF-8
Consumes	None
Produces	Generates a device-specific service template structure for an SDG device

Response Status Code

Message	Description
200 OK	Successful generation of a device-specific service template structure

Input

Sample JSON Input

```
"serviceType:ADC
instanceName:lb1
referenceHostName:mobst480w
referenceSdglId:0
sdgGroupName:Default-Group
configCategory:ADC_CLIENT_FACING
configCategory:ADC_SERVER_FACING
configCategory:ADC_SERVICE_INTERFACES
configCategory:ADC_CUSTOM_HEALTH_CHECKS
configCategory:ADC_SERVER_GROUPS
configCategory:ADC_VIRTUAL_SERVERS"
```

Output

Sample JSON Output

```
{
  "response":{
    "deviceConfigs":{
      "entry":{
        "key":33196,
        "value":{
          "configViewComponentsTOs":[
            {
              "configViewComponentList":[
```

```
{
  "name": "http-option-8080-123",
  "configKnob": "custom-health-check",
  "truncatedName": "http-opt..",
  "labelAlign": "right",
  "image": "\sgdui\web\images\viewconfig\custom_health_check.png",

  "parentPanel": "custom-health-check",
```

```

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  "componenttype": "ADC_CUSTOM_HEALTH_CHECKS"
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{
  "name": "radius-hc",
  "configKnob": "custom-health-check",
  "truncatedName": "radius-h..",
  "labelAlign": "right",
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  "parentPanel": "custom-health-check",
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  "configKnob": "custom-health-check",
  "truncatedName": "HTTP-OPT..",
  "labelAlign": "right",
  "image": "\sgdui\web\images\viewconfig\custom_health_check.png",

  "parentPanel": "custom-health-check",
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  "configKnob": "custom-health-check",
  "truncatedName": "HTTP-OPT..",
  "labelAlign": "right",
  "image": "\sgdui\web\images\viewconfig\custom_health_check.png",

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```

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  "parentPanel": "custom-health-check",

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  "truncatedName": "test",
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"name": "Custom Health Checks",
"type": "ADC_CUSTOM_HEALTH_CHECKS",
"permissionType": "DEVICE_SPECIFIC",
"description": "Configure script based health check for a group"
},
{
  "configViewComponentList": [
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      "configKnob": "server-groups",
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USE OF THIS INFORMATION IS LIMITED TO THE DATE AND TIME INDICATED ON THE TOP OF EACH PAGE.

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[REDACTED]

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[REDACTED]

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      \\userOperationType\\":null,
      \\name\\":\\SERVER-FARM-SmplEntitlement-v6\\",
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            }
        ]
    }
}

```

Compare Reference Configuration of a Service Template

This request is used to compare the service template settings against a reference configuration.

URI	/api/sgd/configmanager/referenceconfig/ preparereferenceconfig
HTTP Method	POST
Content-Type	application/x-www-form-urlencoded application/vnd.net.juniper.space.sgd.configmanager. referenceconfig.preparereferenceconfig +json;version=1;charset=UTF-8
Consumes	None
Produces	Generates a reference configuration for a service template.

Response Status Code

Message	Description
200 OK	Successful generation of a service template structure based on a reference configuration.

Input

Sample JSON Input

```
"sdgName:mobst480w-mobst480x
configName:lb1
referenceHostName:mobst480w
groupName:Default-Group
configCategoryStr:ADC_SERVICES
referenceDeviceId:622605
commonConfigs:ADC_REAL_SERVERS
commonConfigs:ADC_CUSTOM_HEALTH_CHECKS
commonConfigs:ADC_SERVER_GROUPS
commonConfigs:ADC_HEALTH_CHECK_SOURCES
commonConfigs:ADC_VIRTUAL_SERVERS"
```

Output

Sample JSON Output

```
{ "adcReferenceConfigInstance" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.AdcReferenceConfigEntity:262535",
"commonConfigs" : [ "ADC_CUSTOM_HEALTH_CHECKS",
"ADC_REAL_SERVERS",
"ADC_SERVER_GROUPS",
"ADC_HEALTH_CHECK_SOURCES",
"ADC_VIRTUAL_SERVERS"
],
"components" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigComponentEntity:262536",
```



```

        "configCategory": "ADC_REAL_SERVERS",
        "configName": "DNS1",
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            "value": "MATCH"
        } },
        "id": 262536,
        "version": 1
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        "configCategory": "ADC_REAL_SERVERS",
        "configName": "DNS2",
        "hostMatchStatusMap": { "entry": { "key": "mobst480x",
            "value": "MATCH"
        } },
        "id": 262536,
        "version": 1
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    { "MOID":
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262536",

        "configCategory": "ADC_REAL_SERVERS",
        "configName": "DNS3",
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            "value": "MATCH"
        } },
        "id": 262536,
        "version": 1
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        "configName": "DNS4",
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        } },
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        "version": 1
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```

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  } },
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"version" : 1
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  "configName" : "MSP01TS01",
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  "version" : 1
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```

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    "version" : 1
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{ "MOID" :
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    "configName" : "MSP01TS07",
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    "version" : 1
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    "version" : 1
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        "value" : "MATCH"

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        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
        } },
        "id" : 262536,
        "version" : 1

```

```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262536",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP04TS09-v6",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262536,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262536",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP04TS10-v6",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262536,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262536",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "MSP04TS11-v6",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262536,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262536",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : 12345,
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262536,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262536",

      "configCategory" : "ADC_REAL_SERVERS",
      "configName" : "DNS10",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262536,
      "version" : 1
    },
  },

```

```

    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262537",

      "configCategory" : "ADC_HEALTH_CHECK_SOURCES",
      "configName" : 3827,
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262537,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262537",

      "configCategory" : "ADC_HEALTH_CHECK_SOURCES",
      "configName" : 3822,
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262537,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

      "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
      "configName" : "http-option-8080-123",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262538,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

      "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
      "configName" : "radius-hc",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262538,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

      "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
      "configName" : "HTTP-OPTION-8080",
      "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
      } },
      "id" : 262538,
      "version" : 1
    },
    { "MOID" :

```

```
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

  "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
  "configName" : "HTTP-OPTION-8087",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262538,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

  "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
  "configName" : "HTTP-OPTION-8087-NEW",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262538,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

  "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
  "configName" : "IPv6-DNS",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262538,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262538",

  "configCategory" : "ADC_CUSTOM_HEALTH_CHECKS",
  "configName" : "test",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262538,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

  "configCategory" : "ADC_SERVER_GROUPS",
  "configName" : "DNS-FARM-1",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262539,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",
```

```

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "SERVER-FARM-HTTP",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262539,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "SERVER-FARM-SecureEntitlement",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262539,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "SERVER-FARM-SimpleEntitlement",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262539,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "SERVER-FARM-DNS-v6",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262539,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

        "configCategory" : "ADC_SERVER_GROUPS",
        "configName" : "SERVER-FARM-HTTP-v6",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262539,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

```

```
"configCategory" : "ADC_SERVER_GROUPS",
"configName" : "SERVER-FARM-SecEntitlement-v6",
"hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
"id" : 262539,
"version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

  "configCategory" : "ADC_SERVER_GROUPS",
  "configName" : "SERVER-FARM-SmplEntitlement-v6",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262539,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262539",

  "configCategory" : "ADC_SERVER_GROUPS",
  "configName" : "IPv4-MSP-RADIUS",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262539,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

  "configCategory" : "ADC_VIRTUAL_SERVERS",
  "configName" : "DNS-VIP2",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262540,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

  "configCategory" : "ADC_VIRTUAL_SERVERS",
  "configName" : "HTTP-8080-VIP",
  "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
    "value" : "MATCH"
  } },
  "id" : 262540,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

  "configCategory" : "ADC_VIRTUAL_SERVERS",
```



```

    "configName" : "Secure-Entitlement-443-VIP",
    "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
    } },
    "id" : 262540,
    "version" : 1
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

    "configCategory" : "ADC_VIRTUAL_SERVERS",
    "configName" : "Simple-Entitlement-80-VIP",
    "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
    } },
    "id" : 262540,
    "version" : 1
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

    "configCategory" : "ADC_VIRTUAL_SERVERS",
    "configName" : "DNS-VIP1-v6",
    "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
    } },
    "id" : 262540,
    "version" : 1
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

    "configCategory" : "ADC_VIRTUAL_SERVERS",
    "configName" : "DNS-VIP2-v6",
    "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
    } },
    "id" : 262540,
    "version" : 1
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

    "configCategory" : "ADC_VIRTUAL_SERVERS",
    "configName" : "HTTP-8080-VIP-v6",
    "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
        "value" : "MATCH"
    } },
    "id" : 262540,
    "version" : 1
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

    "configCategory" : "ADC_VIRTUAL_SERVERS",
    "configName" : "Secure-Entitlement-443-VIP-v6",

```

```

        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262540,
        "version" : 1
    },
    { "MOID" :
        "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

        "configCategory" : "ADC_VIRTUAL_SERVERS",
        "configName" : "Simple-Entitlement-80-VIP-v6",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262540,
        "version" : 1
    },
    { "MOID" :
        "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262540",

        "configCategory" : "ADC_VIRTUAL_SERVERS",
        "configName" : "RADIUS-1813-VIP",
        "hostMatchStatusMap" : { "entry" : { "key" : "mobst480x",
            "value" : "MATCH"
        } },
        "id" : 262540,
        "version" : 1
    }
],
"configCategory" : "ADC_SERVICES",
"configName" : "lb1",
"groupName" : "Default-Group",
"hostMatchInfoMap" : { "entry" : { "key" : "mobst480x",
    "value" : { "MOID" :
        "net.juniper.jmp.sgd.configmanager.search.jpa.HostRefConfigMatchInfoEntity:0",
        "configCatMatchStatusMap" : { "entry" : [ { "key" : "ADC_REAL_SERVERS",
            "value" : "MATCH"
        },
        { "key" : "ADC_CUSTOM_HEALTH_CHECKS",
            "value" : "MATCH"
        },
        { "key" : "ADC_SERVER_GROUPS",
            "value" : "MATCH"
        },
        { "key" : "ADC_HEALTH_CHECK_SOURCES",
            "value" : "MATCH"
        },
        { "key" : "ADC_VIRTUAL_SERVERS",
            "value" : "MATCH"
        }
        ] },
        "hostName" : "mobst480x",
        "id" : 0,
        "matchStatus" : "MATCH"
    }
} },
} },

```

```

    "id" : 262535,
    "referenceDeviceId" : 622605,
    "referenceHostName" : "mobst480w",
    "status" : "DIRTY",
    "version" : 1
  } }

```

Get All CGNAT Instances

This request is used to retrieve all the CGNAT instances defined across SDGs and SDG groups in your network.

URI	/api/sgd/configmanager/sgdserviceedit/ getallreferenceconfig?_dc=1429779598663 &configType=SERVICE_SETS &detailType=SERVICE_SET_TYPE&value=CGNAT &page=1&start=0&limit=25
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit. referenceconfig+json;version=1;charset=UTF-8
Consumes	None
Produces	Retrieves all CGNAT service template instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of CGNAT service instances in the network

Output

Sample JSON Output

```

{ "response" : { "data" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ServiceSetReferenceConfigEntity:262332",

    "commonConfigs" : [ "CGNAT_RULES",
    "CGNAT_POOLS",
    "SFW_RULE_SETS",
    "CGNAT_RULE_SETS",
    "APPLICATION_SETS",
    "SYSLOGS",
    "APPLICATIONS",
    "SFW_RULES"
    ],
    "components" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262334",

    "configCategory" : "CGNAT_RULES",
    "configName" : "napt44-SS2-r1",
    "hostMatchStatusMap" : ""

```

```
        "id" : 262334,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-sip",
        "hostMatchStatusMap" : "",
        "id" : 262335,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-dns-tcp",
        "hostMatchStatusMap" : "",
        "id" : 262335,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-dns-udp",
        "hostMatchStatusMap" : "",
        "id" : 262335,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-ftp",
        "hostMatchStatusMap" : "",
        "id" : 262335,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-http",
        "hostMatchStatusMap" : "",
        "id" : 262335,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-https",
        "hostMatchStatusMap" : "",
        "id" : 262335,
        "version" : 1
    }
```

```

    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

    "configCategory" : "APPLICATIONS",
    "configName" : "junos-rtsp",
    "hostMatchStatusMap" : "",
    "id" : 262335,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

    "configCategory" : "APPLICATIONS",
    "configName" : "junos-pptp",
    "hostMatchStatusMap" : "",
    "id" : 262335,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

    "configCategory" : "APPLICATIONS",
    "configName" : "junos-tftp",
    "hostMatchStatusMap" : "",
    "id" : 262335,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

    "configCategory" : "APPLICATIONS",
    "configName" : "P2P_ID-CDX",
    "hostMatchStatusMap" : "",
    "id" : 262335,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

    "configCategory" : "APPLICATIONS",
    "configName" : "P2P_ID-CommNAT",
    "hostMatchStatusMap" : "",
    "id" : 262335,
    "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

    "configCategory" : "APPLICATIONS",
    "configName" : "P2P_Data-Exch",
    "hostMatchStatusMap" : "",
    "id" : 262335,
    "version" : 1
    },
    { "MOID" :

```

```
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

  "configCategory" : "APPLICATIONS",
  "configName" : "Yahoo_Push",
  "hostMatchStatusMap" : "",
  "id" : 262335,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

  "configCategory" : "APPLICATIONS",
  "configName" : "Mobile_Me",
  "hostMatchStatusMap" : "",
  "id" : 262335,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

  "configCategory" : "APPLICATIONS",
  "configName" : "ANDROID_NOTIF",
  "hostMatchStatusMap" : "",
  "id" : 262335,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

  "configCategory" : "APPLICATIONS",
  "configName" : "TCP-ALL",
  "hostMatchStatusMap" : "",
  "id" : 262335,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

  "configCategory" : "APPLICATIONS",
  "configName" : "UDP-ALL",
  "hostMatchStatusMap" : "",
  "id" : 262335,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262335",

  "configCategory" : "APPLICATIONS",
  "configName" : "cust-junos-rtsp",
  "hostMatchStatusMap" : "",
  "id" : 262335,
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262336",
```

```

        "configCategory" : "APPLICATION_SETS",
        "configName" : "SDG-APPS",
        "hostMatchStatusMap" : "",
        "id" : 262336,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262337",

        "configCategory" : "CGNAT_POOLS",
        "configName" : "napt44-SS2-p1",
        "hostMatchStatusMap" : "",
        "id" : 262337,
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262338",

        "configCategory" : "SYSLOGS",
        "configName" : "10.2.1.1",
        "hostMatchStatusMap" : "",
        "id" : 262338,
        "version" : 1
    }
],
"configCategory" : "SERVICE_SETS",
"configName" : "NAPT44-SS2",
"details" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigDetailEntity:262333",
    "detailType" : "SERVICE_SET_TYPE",
    "id" : 262333,
    "value" : "CGNAT",
    "version" : 0
},
"groupName" : "Default-Group",
"id" : 262332,
"referenceDeviceId" : 622605,
"referenceHostName" : "mobst480w",
"status" : "DIRTY",
"version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ServiceSetReferenceConfigEntity:262530",

    "commonConfigs" : [ "APPLICATION_SETS",
        "SYSLOGS",
        "APPLICATIONS"
    ],
    "components" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

        "configCategory" : "APPLICATIONS",
        "configName" : "junos-sip",
        "hostMatchStatusMap" : "",
        "id" : 262532,
        "version" : 1
    }

```

```
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262532",

      "configCategory" : "APPLICATIONS",
      "configName" : "junos-dns-tcp",
      "hostMatchStatusMap" : "",
      "id" : 262532,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262532",

      "configCategory" : "APPLICATIONS",
      "configName" : "junos-dns-udp",
      "hostMatchStatusMap" : "",
      "id" : 262532,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262532",

      "configCategory" : "APPLICATIONS",
      "configName" : "junos-ftp",
      "hostMatchStatusMap" : "",
      "id" : 262532,
      "version" : 1
    },
    { "MOID" :
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      "configCategory" : "APPLICATIONS",
      "configName" : "junos-http",
      "hostMatchStatusMap" : "",
      "id" : 262532,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262532",

      "configCategory" : "APPLICATIONS",
      "configName" : "junos-https",
      "hostMatchStatusMap" : "",
      "id" : 262532,
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262532",

      "configCategory" : "APPLICATIONS",
      "configName" : "junos-rtsp",
      "hostMatchStatusMap" : "",
      "id" : 262532,
      "version" : 1
    },
    { "MOID" :
```



```

"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "junos-pptp",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "junos-tftp",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "P2P_ID-CDX",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "P2P_ID-CommNAT",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "P2P_Data-Exch",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "Yahoo_Push",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262532",

```

```
    "configCategory" : "APPLICATIONS",
    "configName" : "Mobile_Me",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "ANDROID_NOTIF",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "TCP-ALL",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "UDP-ALL",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262532",

    "configCategory" : "APPLICATIONS",
    "configName" : "cust-junos-rtsp",
    "hostMatchStatusMap" : "",
    "id" : 262532,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262533",

    "configCategory" : "APPLICATION_SETS",
    "configName" : "SDG-APPS",
    "hostMatchStatusMap" : "",
    "id" : 262533,
    "version" : 1
  },
  { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.ReferenceConfigComponentEntity:262534",

    "configCategory" : "SYSLOGS",
    "configName" : "local",
```

```

        "hostMatchStatusMap" : "",
        "id" : 262534,
        "version" : 1
      },
    ],
    "configCategory" : "SERVICE_SETS",
    "configName" : "NAPT44-SS1",
    "details" : { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jp.a.ReferenceConfigDetailEntity:262531",
      "detailType" : "SERVICE_SET_TYPE",
      "id" : 262531,
      "value" : "CGNAT",
      "version" : 0
    },
    "groupName" : "Default-Group",
    "id" : 262530,
    "referenceDeviceId" : 622605,
    "referenceHostName" : "mobst480w",
    "status" : "DIRTY",
    "version" : 1
  }
],
"success" : true,
"totalRows" : 0
} }

```

Get All SFW Instances

This request is used to retrieve all the stateful firewall instances defined across SDGs and SDG groups in your network.

URI	/api/sgd/configmanager/sgdserviceedit/ getallreferenceconfig?_dc=1429779646888 &configType=SERVICE_SETS& detailType=SERVICE_SET_TYPE&value=SFW &page=1&start=0&limit=25
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit. referenceconfig+json;version=1;charset=UTF-8
Consumes	None
Produces	Retrieves all SFW service template instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of SFW service instances in the network

Output

Sample JSON Output

```
{ "response" : { "data" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ServiceSetReferenceConfigEntity:262340",

    "commonConfigs" : [ "CGNAT_RULES",
        "CGNAT_POOLS",
        "SFW_RULE_SETS",
        "CGNAT_RULE_SETS",
        "APPLICATION_SETS",
        "SYSLOGS",
        "APPLICATIONS",
        "SFW_RULES"
    ],
    "components" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigComponentEntity:262342",

        "configCategory" : "SFW_RULES",
        "configName" : "IPv6-SFW",
        "hostMatchStatusMap" : "",
        "id" : 262342,
        "version" : 1
    },
    "configCategory" : "SERVICE_SETS",
    "configName" : "IPv6-SFW",
    "details" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpas.ReferenceConfigDetailEntity:262341",
        "detailType" : "SERVICE_SET_TYPE",
        "id" : 262341,
        "value" : "SFW",
        "version" : 0
    },
    "groupName" : "Default-Group",
    "id" : 262340,
    "referenceDeviceId" : 622605,
    "referenceHostName" : "mobst480w",
    "status" : "DIRTY",
    "version" : 1
    },
    "success" : true,
    "totalRows" : 0
} }
```

Get All TLB Service Templates

This request is used to retrieve all the TLB service instances defined across SDGs and SDG groups in your network.

URI	/api/sgd/configmanager/sgdserviceedit/getallreferenceconfig? _dc=1429779695205&configType=TLB_SERVICES &detailType=&value=&page=1&start=0&limit=25
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit. referenceconfig+json;version=1;charset=UTF-8

Consumes	None
Produces	Retrieves all TLB service template instances in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of TLB service template instances in the network

Output**Sample JSON Output**

```
{
  "response":{
    "success":true,
    "totalRows":0,
    "data":[
      {
        "id":262312,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.TLBReferenceConfigEntity:262312",

        "version":1,
        "configCategory":"TLB_SERVICES",
        "configName":"tlb_sdg",
        "groupName":"Default-Group",
        "referenceHostName":"mobst480w",
        "referenceDeviceId":622605,
        "components":[
          {
            "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

            "version":1,
            "configCategory":"TLB_REAL_SERVERS",
            "configName":"rs1",
            "hostMatchStatusMap":""
          },
          {
            "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

            "version":1,
            "configCategory":"TLB_REAL_SERVERS",
            "configName":"rs10",
            "hostMatchStatusMap":""
          },
          {
            "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",
```

```
        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs100",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs101",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs102",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs103",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs104",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs105",
        "hostMatchStatusMap":""
    },
    },
```

```

    {
      "id":262313,

      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

      "version":1,
      "configCategory":"TLB_REAL_SERVERS",
      "configName":"rs106",
      "hostMatchStatusMap":""
    },
    {
      "id":262313,

      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

      "version":1,
      "configCategory":"TLB_REAL_SERVERS",
      "configName":"rs107",
      "hostMatchStatusMap":""
    },
    {
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      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

      "version":1,
      "configCategory":"TLB_REAL_SERVERS",
      "configName":"rs108",
      "hostMatchStatusMap":""
    },
    {
      "id":262313,

      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

      "version":1,
      "configCategory":"TLB_REAL_SERVERS",
      "configName":"rs109",
      "hostMatchStatusMap":""
    },
    {
      "id":262313,

      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

      "version":1,
      "configCategory":"TLB_REAL_SERVERS",
      "configName":"rs11",
      "hostMatchStatusMap":""
    },
    {
      "id":262313,

      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

      "version":1,

```

```
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs110",
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    {
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"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs111",
        "hostMatchStatusMap":""
    },
    {
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"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs112",
        "hostMatchStatusMap":""
    },
    {
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"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs113",
        "hostMatchStatusMap":""
    },
    {
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        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs114",
        "hostMatchStatusMap":""
    },
    {
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"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs115",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,
```



```
"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",
```

```
    "version":1,
    "configCategory":"TLB_REAL_SERVERS",
    "configName":"rs116",
    "hostMatchStatusMap":""
  },
  {
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```
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```

```
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    "configName":"rs117",
    "hostMatchStatusMap":""
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  {
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```

```
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    "configCategory":"TLB_REAL_SERVERS",
    "configName":"rs118",
    "hostMatchStatusMap":""
  },
  {
    "id":262313,
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```

```
    "version":1,
    "configCategory":"TLB_REAL_SERVERS",
    "configName":"rs119",
    "hostMatchStatusMap":""
  },
  {
    "id":262313,
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```

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    "configCategory":"TLB_REAL_SERVERS",
    "configName":"rs12",
    "hostMatchStatusMap":""
  },
  {
    "id":262313,
```

```
"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",
```

```
    "version":1,
    "configCategory":"TLB_REAL_SERVERS",
    "configName":"rs120",
```

```
        "hostMatchStatusMap": ""
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"MOID": "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version": 1,
        "configCategory": "TLB_REAL_SERVERS",
        "configName": "rs121",
        "hostMatchStatusMap": ""
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      {
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"MOID": "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version": 1,
        "configCategory": "TLB_REAL_SERVERS",
        "configName": "rs122",
        "hostMatchStatusMap": ""
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      {
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"MOID": "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version": 1,
        "configCategory": "TLB_REAL_SERVERS",
        "configName": "rs123",
        "hostMatchStatusMap": ""
      },
      {
        "id": 262313,

"MOID": "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version": 1,
        "configCategory": "TLB_REAL_SERVERS",
        "configName": "rs124",
        "hostMatchStatusMap": ""
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      {
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"MOID": "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version": 1,
        "configCategory": "TLB_REAL_SERVERS",
        "configName": "rs125",
        "hostMatchStatusMap": ""
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      {
        "id": 262313,

"MOID": "net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",
```

```

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs126",
        "hostMatchStatusMap":""
    },
    {
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"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs127",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs128",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs129",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs13",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs130",
        "hostMatchStatusMap":""
    },
    {

```

```
{
  "id":262313,

  "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

  "version":1,
  "configCategory":"TLB_REAL_SERVERS",
  "configName":"rs131",
  "hostMatchStatusMap":""
},
{
  "id":262313,

  "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

  "version":1,
  "configCategory":"TLB_REAL_SERVERS",
  "configName":"rs132",
  "hostMatchStatusMap":""
},
{
  "id":262313,

  "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

  "version":1,
  "configCategory":"TLB_REAL_SERVERS",
  "configName":"rs133",
  "hostMatchStatusMap":""
},
{
  "id":262313,

  "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

  "version":1,
  "configCategory":"TLB_REAL_SERVERS",
  "configName":"rs134",
  "hostMatchStatusMap":""
},
{
  "id":262313,

  "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

  "version":1,
  "configCategory":"TLB_REAL_SERVERS",
  "configName":"rs135",
  "hostMatchStatusMap":""
},
{
  "version":1,
```

```

        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs136",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs137",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs138",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs139",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs14",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",

        "version":1,
        "configCategory":"TLB_REAL_SERVERS",
        "configName":"rs140",
        "hostMatchStatusMap":""
    },
    {
        "id":262313,

```

```
"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",
```

```
  "version":1,  
  "configCategory":"TLB_REAL_SERVERS",  
  "configName":"rs141",  
  "hostMatchStatusMap":""  
},  
{  
  "id":262313,
```

```
"MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262313",
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  "hostMatchStatusMap":""
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      "hostMatchStatusMap":""
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      "configName":"rs_v6_158",
      "hostMatchStatusMap":""
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      "MOID":"net.juniper.jmp.sgd.configmanager.search.jpa.ReferenceConfigComponentEntity:262319",

      "version":1,
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      "configName":"rs_v6_159",
      "hostMatchStatusMap":""
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        "hostMatchStatusMap":""
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        "hostMatchStatusMap":""
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        "configName":"rs_v6_162",
        "hostMatchStatusMap":""
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        "configName":"rs_v6_163",
        "hostMatchStatusMap":""
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        "configName": "rs_v6_171",
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    },
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        "configName":"rs_v6_186",
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        "configName":"rs_v6_187",
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        "configName":"rs_v6_188",
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        "configName":"rs_v6_189",
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}
}

```

Get All Packet Filters

This request is used to retrieve all the packet filters defined across SDGs and SDG groups in your network.

URI	/api/sgd/configmanager/sgdserviceedit/getallreferenceconfig?_dc=1429779695205&configType=PACKET_FILTERS&detailType=&value=&page=1&start=0&limit=25
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.serviceedit.referenceconfig+json;version=1;charset=UTF-8
Consumes	None
Produces	Retrieves all packet filters in the network

Response Status Code

Message	Description
200 OK	Successful retrieval of packet filters in the network

Output

Sample JSON Output

```
{ "response" : { "data" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:72774",

  "commonConfigs" : "PACKET_FILTERS",
  "configCategory" : "PACKET_FILTERS",
  "configName" : "ESD_CGNAT_data_ff_ingress_IPv4",
  "groupName" : "Default-Group",
  "id" : 72774,
  "referenceDeviceId" : 622601,
  "referenceHostName" : "mobst480x",
  "status" : "COMPLETED",
  "version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:72775",

  "commonConfigs" : "PACKET_FILTERS",
  "configCategory" : "PACKET_FILTERS",
  "configName" : "ESD_CGNAT_data_ff_egress_IPv4",
  "groupName" : "Default-Group",
  "id" : 72775,
  "referenceDeviceId" : 622601,
  "referenceHostName" : "mobst480x",
  "status" : "COMPLETED",
  "version" : 1
},
}
```



```

    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:72776",

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      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_CGNAT_data_rf_ingress_IPv4",
      "groupName" : "Default-Group",
      "id" : 72776,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "COMPLETED",
      "version" : 1
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      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:72777",

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      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_CGNAT_data_rf_egress_IPv4",
      "groupName" : "Default-Group",
      "id" : 72777,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "COMPLETED",
      "version" : 1
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      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:72778",

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      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_CGNAT_data_ff_ingress_IPv6",
      "groupName" : "Default-Group",
      "id" : 72778,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "COMPLETED",
      "version" : 1
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      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_CGNAT_data_ff_egress_IPv6",
      "groupName" : "Default-Group",
      "id" : 72779,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "COMPLETED",
      "version" : 1
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      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:72780",

      "commonConfigs" : "PACKET_FILTERS",

```

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"configName" : "ESD_CGNAT_data_rf_ingress_IPv6",
"groupName" : "Default-Group",
"id" : 72780,
"referenceDeviceId" : 622601,
"referenceHostName" : "mobst480x",
"status" : "COMPLETED",
"version" : 1
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"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_CGNAT_data_rf_egress_IPv6",
"groupName" : "Default-Group",
"id" : 72781,
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"referenceHostName" : "mobst480x",
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"configCategory" : "PACKET_FILTERS",
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"groupName" : "Default-Group",
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"referenceHostName" : "mobst480x",
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"groupName" : "Default-Group",
"id" : 73969,
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"referenceHostName" : "mobst480x",
"status" : "COMPLETED",
"version" : 1
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"commonConfigs" : "PACKET_FILTERS",
"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_TLB_ctrl_rf_ingress_IPv4",
"groupName" : "Default-Group",
"id" : 73970,
```

```

        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
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        "configCategory" : "PACKET_FILTERS",
        "configName" : "ESD_TLB_ctrl_rf_egress_IPv4",
        "groupName" : "Default-Group",
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        "referenceHostName" : "mobst480x",
        "status" : "COMPLETED",
        "version" : 1
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        "configName" : "ESD_TLB_ctrl_ff_ingress_IPv6",
        "groupName" : "Default-Group",
        "id" : 73978,
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        "version" : 1
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        "configName" : "ESD_TLB_ctrl_ff_egress_IPv6",
        "groupName" : "Default-Group",
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        "referenceHostName" : "mobst480x",
        "status" : "COMPLETED",
        "version" : 1
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        "configCategory" : "PACKET_FILTERS",
        "configName" : "ESD_TLB_ctrl_rf_ingress_IPv6",
        "groupName" : "Default-Group",
        "id" : 73982,
        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
        "status" : "COMPLETED",
        "version" : 1
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```

```
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    { "MOID" :
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      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_TLB_ctrl_rf_egress_IPv6",
      "groupName" : "Default-Group",
      "id" : 73985,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
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      "version" : 1
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      "configName" : "ESD_ADC_ctrl_ff_preScv_IPv4",
      "groupName" : "Default-Group",
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      "id" : 74858,
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    "configCategory" : "PACKET_FILTERS",
    "configName" : "ESD_ADC_data_ff_ingress_IPv4",
    "groupName" : "Default-Group",
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    "status" : "DIRTY",
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    "groupName" : "Default-Group",
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      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262368",

      "commonConfigs" : "PACKET_FILTERS",
      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_TLB_data_rf_egress_IPv4",
      "groupName" : "Default-Group",
      "id" : 262368,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "DIRTY",
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262369",

      "commonConfigs" : "PACKET_FILTERS",
      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_TLB_ctrl_ff_preScv_IPv6",
      "groupName" : "Default-Group",
      "id" : 262369,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "DIRTY",
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262370",

      "commonConfigs" : "PACKET_FILTERS",
      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_TLB_ctrl_ff_postScv_IPv6",
      "groupName" : "Default-Group",
      "id" : 262370,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "DIRTY",
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262371",

      "commonConfigs" : "PACKET_FILTERS",
      "configCategory" : "PACKET_FILTERS",
      "configName" : "ESD_TLB_ctrl_rf_preScv_IPv6",
      "groupName" : "Default-Group",
      "id" : 262371,
      "referenceDeviceId" : 622601,
      "referenceHostName" : "mobst480x",
      "status" : "DIRTY",
      "version" : 1
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262372",

```

```
"commonConfigs" : "PACKET_FILTERS",
"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_TLB_ctrl_rf_postScv_IPv6",
"groupName" : "Default-Group",
"id" : 262372,
"referenceDeviceId" : 622601,
"referenceHostName" : "mobst480x",
"status" : "DIRTY",
"version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262373",

"commonConfigs" : "PACKET_FILTERS",
"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_TLB_data_ff_ingress_IPv6",
"groupName" : "Default-Group",
"id" : 262373,
"referenceDeviceId" : 622601,
"referenceHostName" : "mobst480x",
"status" : "DIRTY",
"version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262374",

"commonConfigs" : "PACKET_FILTERS",
"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_TLB_data_ff_preScv_IPv6",
"groupName" : "Default-Group",
"id" : 262374,
"referenceDeviceId" : 622601,
"referenceHostName" : "mobst480x",
"status" : "DIRTY",
"version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262375",

"commonConfigs" : "PACKET_FILTERS",
"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_TLB_data_ff_postScv_IPv6",
"groupName" : "Default-Group",
"id" : 262375,
"referenceDeviceId" : 622601,
"referenceHostName" : "mobst480x",
"status" : "DIRTY",
"version" : 1
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jpa.PacketFilterReferenceConfigEntity:262376",

"commonConfigs" : "PACKET_FILTERS",
"configCategory" : "PACKET_FILTERS",
"configName" : "ESD_TLB_data_ff_egress_IPv6",
"groupName" : "Default-Group",
```

```

        "id" : 262376,
        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
        "status" : "DIRTY",
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.PacketFilterReferenceConfigEntity:262377",

        "commonConfigs" : "PACKET_FILTERS",
        "configCategory" : "PACKET_FILTERS",
        "configName" : "ESD_TLB_data_rf_ingress_IPv6",
        "groupName" : "Default-Group",
        "id" : 262377,
        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
        "status" : "DIRTY",
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.PacketFilterReferenceConfigEntity:262378",

        "commonConfigs" : "PACKET_FILTERS",
        "configCategory" : "PACKET_FILTERS",
        "configName" : "ESD_TLB_data_rf_preScv_IPv6",
        "groupName" : "Default-Group",
        "id" : 262378,
        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
        "status" : "DIRTY",
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.PacketFilterReferenceConfigEntity:262379",

        "commonConfigs" : "PACKET_FILTERS",
        "configCategory" : "PACKET_FILTERS",
        "configName" : "ESD_TLB_data_rf_postScv_IPv6",
        "groupName" : "Default-Group",
        "id" : 262379,
        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
        "status" : "DIRTY",
        "version" : 1
    },
    { "MOID" :
"net.juniper.jmp.sgd.configmanager.search.jp.a.PacketFilterReferenceConfigEntity:262380",

        "commonConfigs" : "PACKET_FILTERS",
        "configCategory" : "PACKET_FILTERS",
        "configName" : "ESD_TLB_data_rf_egress_IPv6",
        "groupName" : "Default-Group",
        "id" : 262380,
        "referenceDeviceId" : 622601,
        "referenceHostName" : "mobst480x",
        "status" : "DIRTY",

```

```
        "version" : 1
      },
    ],
    "success" : true,
    "totalRows" : 0
  } }
```

CHAPTER 11

Object Builder RESTful Web Services

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Object Builder RESTful Web Services

The following operations can be performed using the Edge Services Director Object Builder RESTful Web Services.

Get Object Builder Statistics

This request is used to retrieve the statistical details related to the object builder. The objects are the constituents or building blocks that are used to create service definitions and policy or filter templates. You can use the object builder to retrieve and transfer the objects or components that have been previously created on the SDGs or device.

URI	/api/sgd/configmanager/sdobjectbuilder/objectbuilderstatistics
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdobjectbuilder.objectbuilderstatistics+json; version=1; charset=UTF-8
Consumes	None
Produces	Collects the object builder statistics

Response Status Code

Message	Description
200 OK	Successful collection of object builder statistics

Output

Sample JSON Output

```
[
  {
    "ObjectBuilderUsedStatisticTO": {
      "name": "RealServers",
```

```
    "total": 540,  
    "unused": 540,  
    "used": 0  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "CGNATPool",  
      "total": 6,  
      "unused": 6,  
      "used": 0  
    }  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "CGNATRules",  
      "total": 5,  
      "unused": 5,  
      "used": 0  
    }  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "CGNATRuleSets",  
      "total": 0,  
      "unused": 0,  
      "used": 0  
    }  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "SFWRules",  
      "total": 3,  
      "unused": 3,  
      "used": 0  
    }  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "SFWRuleSets",  
      "total": 1,  
      "unused": 1,  
      "used": 0  
    }  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "Applications",  
      "total": 91,  
      "unused": 91,  
      "used": 0  
    }  
  },  
  {  
    "ObjectBuilderUsedStatisticTO": {  
      "name": "ApplicationSets",
```

```
        "total": 5,
        "unused": 5,
        "used": 0
      }
    }
  ]
}
```

Import Object Builder Data from SDG Hosts

This request is used to retrieve the objects that were previously created on the SDG devices and import all object definitions to the Edge Services Director database.

URI	/api/sgd/configmanager/sdgobjectbuilder/uploadExistingConfigurationXML/{sdgHostName}
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.sdgobjectbuilder.uploadExistingConfigurationXML/{sdgHostName}+json;version=1;charset=UTF-8
Consumes	None
Produces	Import all object definitions defined on an SDG device into Edge Services Director

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Clear Object Builder Data from SDG Hosts

This request is used to remove all the object definitions that were imported to the Edge Services Director repository.

URI	/api/sgd/configmanager/sdgobjectbuilder/deleteObjectBuilder
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.sdgobjectbuilder.deleteObjectBuilder+json;version=1;charset=UTF-8
Consumes	None
Produces	Delete all the imported objects from Edge Services Director

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Get Real Server Objects From Object Builders

This request is used to retrieve the real server objects that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/getRealServers?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager.sdgobjectbuilder.getRealServers?page=1&start=0&limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the real server objects that were imported

Response Status Code

Message	Description
200 OK	Successful collection of real server objects

Output**Sample JSON Output**

```
{ "response": { "data": [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69561",
  "address": "172.17.37.50",
  "createdBy": "super",
  "createdTime": "2014-11-18T10:54:58+05:30",
  "id": 69561,
  "modifiedBy": "super",
  "modifiedTime": "2014-11-18T10:54:58+05:30",
  "name": "DNS1",
  "objectCreateType": "OBJECTBUILDER",
  "realServerHealthCheck": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$_javassist_47269560",
    "createdBy": "super",
    "createdTime": "2014-11-18T10:54:58+05:30",
    "healthCheckInterval": 3,
    "id": 69560,
    "modifiedBy": "super",
    "modifiedTime": "2014-11-18T10:54:58+05:30",
```



```

        "name" : "DNS1",
        "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69563",
    "address" : "172.17.37.51",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:58+05:30",
    "id" : 69563,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:58+05:30",
    "name" : "DNS2",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$_javassist_47269562",
        "createdBy" : "super",
        "createdTime" : "2014-11-18T10:54:58+05:30",
        "healthCheckInterval" : 2,
        "id" : 69562,
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-18T10:54:58+05:30",
        "name" : "DNS2",
        "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69565",
    "address" : "172.17.37.52",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:58+05:30",
    "id" : 69565,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:58+05:30",
    "name" : "DNS3",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$_javassist_47269564",
        "createdBy" : "super",
        "createdTime" : "2014-11-18T10:54:58+05:30",
        "healthCheckInterval" : 2,
        "id" : 69564,
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-18T10:54:58+05:30",
        "name" : "DNS3",
        "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
},

```

```
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69567",
  "address" : "172.17.37.53",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:58+05:30",
  "id" : 69567,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:54:58+05:30",
  "name" : "DNS4",
  "objectCreateType" : "OBJECTBUILDER",
  "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_47269566",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:58+05:30",
    "healthCheckInterval" : 2,
    "id" : 69566,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:58+05:30",
    "name" : "DNS4",
    "recoveryRetries" : 1
  },
  "realServerType" : "ADC",
  "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69569",
  "address" : "172.17.37.54",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:58+05:30",
  "id" : 69569,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:54:58+05:30",
  "name" : "DNS5",
  "objectCreateType" : "OBJECTBUILDER",
  "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_47269568",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:58+05:30",
    "healthCheckInterval" : 2,
    "id" : 69568,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:58+05:30",
    "name" : "DNS5",
    "recoveryRetries" : 1
  },
  "realServerType" : "ADC",
  "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69571",
  "address" : "172.17.37.55",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:58+05:30",
  "id" : 69571,
```

```

        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-18T10:54:58+05:30",
        "name" : "DNS6",
        "objectCreateType" : "OBJECTBUILDER",
        "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_47269570",

        "createdBy" : "super",
        "createdTime" : "2014-11-18T10:54:58+05:30",
        "healthCheckInterval" : 2,
        "id" : 69570,
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-18T10:54:58+05:30",
        "name" : "DNS6",
        "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69573",
    "address" : "172.17.37.56",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69573,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "DNS7",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_47269572",

        "createdBy" : "super",
        "createdTime" : "2014-11-18T10:54:59+05:30",
        "healthCheckInterval" : 2,
        "id" : 69572,
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-18T10:54:59+05:30",
        "name" : "DNS7",
        "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69575",
    "address" : "172.17.39.50",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69575,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS01",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerHealthCheck" : { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_47269574",

```

```
        "createdBy" : "super",
        "createdTime" : "2014-11-18T10:54:59+05:30",
        "healthCheckInterval" : 2,
        "id" : 69574,
        "modifiedBy" : "super",
        "modifiedTime" : "2014-11-18T10:54:59+05:30",
        "name" : "MSP01TS01",
        "recoveryRetries" : 1
    },
    "realServerType" : "ADC",
    "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69576",
  "address" : "172.17.39.51",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:59+05:30",
  "id" : 69576,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:54:59+05:30",
  "name" : "MSP01TS02",
  "objectCreateType" : "OBJECTBUILDER",
  "realServerType" : "ADC",
  "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69577",
  "address" : "172.17.39.52",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:59+05:30",
  "id" : 69577,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:54:59+05:30",
  "name" : "MSP01TS03",
  "objectCreateType" : "OBJECTBUILDER",
  "realServerType" : "ADC",
  "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69578",
  "address" : "172.17.39.53",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:59+05:30",
  "id" : 69578,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:54:59+05:30",
  "name" : "MSP01TS04",
  "objectCreateType" : "OBJECTBUILDER",
  "realServerType" : "ADC",
  "type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69579",
  "address" : "172.17.39.54",
  "createdBy" : "super",
```

```

    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69579,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS05",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69580",
    "address" : "172.17.39.55",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69580,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS06",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69581",
    "address" : "172.17.39.56",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69581,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS07",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69582",
    "address" : "172.17.39.57",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69582,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS08",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69583",
    "address" : "172.17.39.58",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69583,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",

```

```
    "name" : "MSP01TS09",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69584",
    "address" : "172.17.39.59",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69584,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS10",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69585",
    "address" : "172.17.39.60",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69585,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP01TS11",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69586",
    "address" : "172.17.39.61",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69586,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP02TS01",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69587",
    "address" : "172.17.39.62",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:54:59+05:30",
    "id" : 69587,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:54:59+05:30",
    "name" : "MSP02TS02",
    "objectCreateType" : "OBJECTBUILDER",
    "realServerType" : "ADC",
    "type" : "IPv4"
  }
```

```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69588",
      "address" : "172.17.39.63",
      "createdBy" : "super",
      "createdTime" : "2014-11-18T10:54:59+05:30",
      "id" : 69588,
      "modifiedBy" : "super",
      "modifiedTime" : "2014-11-18T10:54:59+05:30",
      "name" : "MSP02TS03",
      "objectCreateType" : "OBJECTBUILDER",
      "realServerType" : "ADC",
      "type" : "IPv4"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69589",
      "address" : "172.17.39.64",
      "createdBy" : "super",
      "createdTime" : "2014-11-18T10:54:59+05:30",
      "id" : 69589,
      "modifiedBy" : "super",
      "modifiedTime" : "2014-11-18T10:54:59+05:30",
      "name" : "MSP02TS04",
      "objectCreateType" : "OBJECTBUILDER",
      "realServerType" : "ADC",
      "type" : "IPv4"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69590",
      "address" : "172.17.39.65",
      "createdBy" : "super",
      "createdTime" : "2014-11-18T10:54:59+05:30",
      "id" : 69590,
      "modifiedBy" : "super",
      "modifiedTime" : "2014-11-18T10:54:59+05:30",
      "name" : "MSP02TS05",
      "objectCreateType" : "OBJECTBUILDER",
      "realServerType" : "ADC",
      "type" : "IPv4"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69591",
      "address" : "172.17.39.66",
      "createdBy" : "super",
      "createdTime" : "2014-11-18T10:54:59+05:30",
      "id" : 69591,
      "modifiedBy" : "super",
      "modifiedTime" : "2014-11-18T10:54:59+05:30",
      "name" : "MSP02TS06",
      "objectCreateType" : "OBJECTBUILDER",
      "realServerType" : "ADC",
      "type" : "IPv4"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69592",
      "address" : "172.17.39.67",

```

```
"createdBy" : "super",
"createdTime" : "2014-11-18T10:54:59+05:30",
"id" : 69592,
"modifiedBy" : "super",
"modifiedTime" : "2014-11-18T10:54:59+05:30",
"name" : "MSP02TS07",
"objectCreateType" : "OBJECTBUILDER",
"realServerType" : "ADC",
"type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69593",
"address" : "172.17.39.68",
"createdBy" : "super",
"createdTime" : "2014-11-18T10:54:59+05:30",
"id" : 69593,
"modifiedBy" : "super",
"modifiedTime" : "2014-11-18T10:54:59+05:30",
"name" : "MSP02TS08",
"objectCreateType" : "OBJECTBUILDER",
"realServerType" : "ADC",
"type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69594",
"address" : "172.17.39.69",
"createdBy" : "super",
"createdTime" : "2014-11-18T10:54:59+05:30",
"id" : 69594,
"modifiedBy" : "super",
"modifiedTime" : "2014-11-18T10:54:59+05:30",
"name" : "MSP02TS09",
"objectCreateType" : "OBJECTBUILDER",
"realServerType" : "ADC",
"type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69595",
"address" : "172.17.39.70",
"createdBy" : "super",
"createdTime" : "2014-11-18T10:54:59+05:30",
"id" : 69595,
"modifiedBy" : "super",
"modifiedTime" : "2014-11-18T10:54:59+05:30",
"name" : "MSP02TS10",
"objectCreateType" : "OBJECTBUILDER",
"realServerType" : "ADC",
"type" : "IPv4"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69596",
"address" : "172.17.39.71",
"createdBy" : "super",
"createdTime" : "2014-11-18T10:54:59+05:30",
"id" : 69596,
"modifiedBy" : "super",
```



```
        "modifiedTime" : "2014-11-18T10:54:59+05:30",
        "name" : "MSP02TS11",
        "objectCreateType" : "OBJECTBUILDER",
        "realServerType" : "ADC",
        "type" : "IPv4"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:69597",
      "address" : "172.17.39.72",
      "createdBy" : "super",
      "createdTime" : "2014-11-18T10:54:59+05:30",
      "id" : 69597,
      "modifiedBy" : "super",
      "modifiedTime" : "2014-11-18T10:54:59+05:30",
      "name" : "MSP03TS01",
      "objectCreateType" : "OBJECTBUILDER",
      "realServerType" : "ADC",
      "type" : "IPv4"
    }
  ],
  "success" : true,
  "totalRows" : 540
} }
```

Get CGNAT Rules From Object Builders

This request is used to retrieve the CGNAT rule objects that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getCGNATRules?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getCGNATRules?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the CGNAT rule objects that were imported

Response Status Code

Message	Description
200 OK	Successful collection of CGNAT rule objects

Output

Sample JSON Output

```
{ "response" : { "data" : [ { "MOID" :
  "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:69543",
  "createdBy" : "super",
```

```
    "createdTime" : "2014-11-18T10:55:08+05:30",
    "id" : 69543,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:55:08+05:30",
    "name" : "napt44-SS1-r1",
    "objectCreateType" : "OBJECTBUILDER"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:69545",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:55:08+05:30",
    "id" : 69545,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:55:08+05:30",
    "name" : "napt44-SS2-r1",
    "objectCreateType" : "OBJECTBUILDER"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:69549",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:55:08+05:30",
    "id" : 69549,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:55:08+05:30",
    "name" : "napt44-SS3-r1",
    "objectCreateType" : "OBJECTBUILDER"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:69553",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:55:08+05:30",
    "id" : 69553,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:55:08+05:30",
    "name" : "napt44-SS4-r1",
    "objectCreateType" : "OBJECTBUILDER"
  },
  { "MOID" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATRuleEntity:69557",
    "createdBy" : "super",
    "createdTime" : "2014-11-18T10:55:08+05:30",
    "id" : 69557,
    "modifiedBy" : "super",
    "modifiedTime" : "2014-11-18T10:55:08+05:30",
    "name" : "111",
    "objectCreateType" : "OBJECTBUILDER"
  }
],
"success" : true,
"totalRows" : 5
} }
```

Get CGNAT Rule Sets From Object Builders

This request is used to retrieve the CGNAT rule set objects that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getCGNATRuleSets?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getCGNATRuleSets?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the CGNAT rule set objects that were imported

Response Status Code

Message	Description
200 OK	Successful collection of CGNAT rule set objects

Output

Sample JSON Output

```
{
  "response": {
    "success": true,
    "totalRows": 0
  }
}
```

Get CGNAT Pools From Object Builders

This request is used to retrieve the CGNAT pools that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getCGNATPools?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getCGNATPools?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the CGNAT pools that were imported

Response Status Code

Message	Description
200 OK	Successful collection of CGNAT pools

Output

Sample JSON Output

```
{
  "response":{
    "success":true,
    "totalRows":6,
    "data":[
      {
        "id":69517,

        "MOID":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:69517",

        "createdBy":"super",
        "modifiedBy":"super",
        "createTime":"2014-11-18T10:55:08+05:30",
        "modifiedTime":"2014-11-18T10:55:08+05:30",
        "name":"napt44-SS1-p1",
        "objectCreateType":"OBJECTBUILDER"
      },
      {
        "id":69522,

        "MOID":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:69522",

        "createdBy":"super",
        "modifiedBy":"super",
        "createTime":"2014-11-18T10:55:08+05:30",
        "modifiedTime":"2014-11-18T10:55:08+05:30",
        "name":"napt44-SS2-p1",
        "objectCreateType":"OBJECTBUILDER"
      },
      {
        "id":69527,

        "MOID":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:69527",

        "createdBy":"super",
        "modifiedBy":"super",
        "createTime":"2014-11-18T10:55:08+05:30",
        "modifiedTime":"2014-11-18T10:55:08+05:30",
        "name":"napt44-SS3-p1",
        "objectCreateType":"OBJECTBUILDER"
      },
      {
        "id":69532,

        "MOID":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:69532",

        "createdBy":"super",
```

```

        "modifiedBy":"super",
        "createdTime":"2014-11-18T10:55:08+05:30",
        "modifiedTime":"2014-11-18T10:55:08+05:30",
        "name":"napt44-SS4-p1",
        "objectCreateType":"OBJECTBUILDER"
    },
    {
        "id":69536,

        "MOID":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:69536",

        "createdBy":"super",
        "modifiedBy":"super",
        "createdTime":"2014-11-18T10:55:08+05:30",
        "modifiedTime":"2014-11-18T10:55:08+05:30",
        "name":"testnat",
        "objectCreateType":"OBJECTBUILDER"
    },
    {
        "id":69539,

        "MOID":"net.juniper.jmp.sgd.configmanager.config.jpa.cgnat.CGNATPoolEntity:69539",

        "createdBy":"super",
        "modifiedBy":"super",
        "createdTime":"2014-11-18T10:55:08+05:30",
        "modifiedTime":"2014-11-18T10:55:08+05:30",
        "name":"new-nat-pool",
        "objectCreateType":"OBJECTBUILDER"
    }
]
}
}
}

```

Get Stateful Firewall Rules From Object Builders

This request is used to retrieve the stateful firewall (SFW) rules that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getSFWRules?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getSFWRules?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the SFW rule objects that were imported

Response Status Code

Message	Description
200 OK	Successful collection of SFW rule objects

Output**Sample JSON Output**

```
{ "response": { "data": [ { "MOID":
"net.juniper.jmp.sgd.configmanager.config.jpasfw.SFWRuleEntity:70108",
  "createdBy": "super",
  "createdTime": "2014-11-18T10:55:08+05:30",
  "id": 70108,
  "modifiedBy": "super",
  "modifiedTime": "2014-11-18T10:55:08+05:30",
  "name": "rtsp",
  "objectCreateType": "OBJECTBUILDER"
},
{ "MOID": "net.juniper.jmp.sgd.configmanager.config.jpasfw.SFWRuleEntity:70110",
  "createdBy": "super",
  "createdTime": "2014-11-18T10:55:08+05:30",
  "id": 70110,
  "modifiedBy": "super",
  "modifiedTime": "2014-11-18T10:55:08+05:30",
  "name": "IPv6-SFW",
  "objectCreateType": "OBJECTBUILDER"
},
{ "MOID": "net.juniper.jmp.sgd.configmanager.config.jpasfw.SFWRuleEntity:70114",
  "createdBy": "super",
  "createdTime": "2014-11-18T10:55:08+05:30",
  "id": 70114,
  "modifiedBy": "super",
  "modifiedTime": "2014-11-18T10:55:08+05:30",
  "name": "TEST_RULE",
  "objectCreateType": "OBJECTBUILDER"
}
],
"success": true,
"totalRows": 3
} }
```

Get Stateful Firewall Rule Sets From Object Builders

This request is used to retrieve the SFW rule set objects that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getSFWRuleSets?page=1&start=0&limit=30
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getSFWRuleSets?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the SFW rule set objects that were imported

Response Status Code

Message	Description
200 OK	Successful collection of SFW rule set objects

Output

Sample JSON Output

```
{ "response": { "data": { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.sfw.SFWRuleSetEntity:70122",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:55:08+05:30",
  "id" : 70122,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:55:08+05:30",
  "name" : "aaa",
  "objectCreateType" : "OBJECTBUILDER"
},
"success" : true,
"totalRows" : 1
} }
```

Get Applications From Object Builders

This request is used to retrieve the applications that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getApplications?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getApplications?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the applications that were imported

Response Status Code

Message	Description
200 OK	Successful collection of applications

Output

Sample JSON Output

```
{ "response": { "data" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65540",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65540,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-dcerpc-msexchange-directory-nsp",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65541",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65541,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-dcerpc-msexchange-information-store",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65542",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65542,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-dcerpc-msexchange-directory-rfr",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65543",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65543,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-dcerpc",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65544",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65544,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-dcerpc-endpoint-mapper-service",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65545",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65545,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-dce-rpc-portmap",
  "objectCreateType" : "OBJECTBUILDER"
} ] }
```



```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65547",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65547,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-pptp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65549",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65549,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-dns-tcp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65551",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65551,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-dns-udp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65553",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65553,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rsh",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65555",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65555,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rpc-services-tcp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65556",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65556,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rpc-services-udp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65557",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65557,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rpc-portmap-udp",
      "objectCreateType" : "OBJECTBUILDER"
    }
  ]
}

```

```
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65559",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65559,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rpc-portmap-tcp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65561",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65561,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-realaudio",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65563",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65563,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-ip",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65564",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65564,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-ipsec-esp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65565",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65565,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-sqlnet",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65567",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65567,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-sip",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65569",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65569,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-traceroute-ttl-1",
      "objectCreateType" : "OBJECTBUILDER"
    }
```

```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65571",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65571,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-traceroute",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65573",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65573,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rlogin",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65575",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65575,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-rexec",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65577",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65577,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-ntalk",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65579",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65579,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-talk-udp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65581",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65581,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-talk-tcp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65583",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65583,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-netbios-datagram",
      "objectCreateType" : "OBJECTBUILDER"
    }
  ]
}

```

```

    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65585",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65585,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-netbios-name-tcp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65587",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65587,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-netbios-name-udp",
      "objectCreateType" : "OBJECTBUILDER"
    },
    { "MOID" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationEntity:65589",
      "createdTime" : "2014-11-17T14:12:12+05:30",
      "id" : 65589,
      "modifiedTime" : "2014-11-17T14:12:12+05:30",
      "name" : "junos-netshow",
      "objectCreateType" : "OBJECTBUILDER"
    }
  ],
  "success" : true,
  "totalRows" : 91
} }

```

Get Application Sets From Object Builders

This request is used to retrieve the application sets that were previously imported to the object builder.

URI	/api/sgd/configmanager/sdgobjectbuilder/ getApplicationSets?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager sdgobjectbuilder.getApplicationSets?page=1&start=0 &limit=30+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the application sets that were imported

Response Status Code

Message	Description
200 OK	Successful collection of application sets

Output

Sample JSON Output

```
{ "response": { "data" : [ { "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:65693",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65693,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-algs-outbound",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:65694",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65694,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-management-inbound",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:65695",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65695,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-cifs",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:65696",
  "createdTime" : "2014-11-17T14:12:12+05:30",
  "id" : 65696,
  "modifiedTime" : "2014-11-17T14:12:12+05:30",
  "name" : "junos-routing-inbound",
  "objectCreateType" : "OBJECTBUILDER"
},
{ "MOID" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.ApplicationSetEntity:69501",
  "createdBy" : "super",
  "createdTime" : "2014-11-18T10:54:58+05:30",
  "id" : 69501,
  "modifiedBy" : "super",
  "modifiedTime" : "2014-11-18T10:54:58+05:30",
  "name" : "SDG-APPS",
  "objectCreateType" : "OBJECTBUILDER"
}
],
"success" : true,
"totalRows" : 5
} }
```


Deployment Plans RESTful Web Services

- [Deployment Plans RESTful Web Services on page 733](#)

Deployment Plans RESTful Web Services

The following operations can be performed using the Edge Services Director Deployment Plans RESTful Web Services.

Get Statistics of Deployment Plans

This request is used to retrieve statistics of deployment plans.

URI	/api/sgd/configmanager/deploymentplan/servicedeploymentstatistics
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.servicedeploymentstatistics +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects statistical details of deployment plans

Response Status Code

Message	Description
200 OK	Successful collection of statistical details of deployment plans

Output

Sample JSON Output

```
[ { "ServiceDeploymentStatisticTO" : { "deployed" : 1,
    "deploying" : 1,
    "deploymentFailed" : 0,
    "deploymentScheduled" : 0,
    "name" : "ADC",
    "newlycreated" : 0,
    "validated" : 0,
    "validationFailed" : 0
```

```
    } },
    { "ServiceDeploymentStatisticTO" : { "deployed" : 0,
      "deploying" : 0,
      "deploymentFailed" : 0,
      "deploymentScheduled" : 0,
      "name" : "TLB",
      "newlycreated" : 0,
      "validated" : 0,
      "validationFailed" : 0
    } },
    { "ServiceDeploymentStatisticTO" : { "deployed" : 0,
      "deploying" : 0,
      "deploymentFailed" : 0,
      "deploymentScheduled" : 0,
      "name" : "CGNAT",
      "newlycreated" : 0,
      "validated" : 0,
      "validationFailed" : 0
    } },
    { "ServiceDeploymentStatisticTO" : { "deployed" : 0,
      "deploying" : 0,
      "deploymentFailed" : 0,
      "deploymentScheduled" : 0,
      "name" : "SFW",
      "newlycreated" : 0,
      "validated" : 0,
      "validationFailed" : 0
    } }
  ]
}
```

Get All Deployment Plans

This request is used to retrieve all the configured deployment plans.

URI	/api/sgd/configmanager/deploymentplan/ getalldeploymentplans?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.getalldeploymentplans?page=1&start=0 &limit=30 +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects the list of all deployment plans

Response Status Code

Message	Description
200 OK	Successful collection of all configured deployment plans

Output**Sample JSON Output**

```
{ "response": { "data": [ { "MOID":
"netjuniper.jmp.sgd.configmanager.provisioning.deploymentplan.jpa.SGDDeploymentPlanEntity:458912",

    "approveStatus": "Approved",
    "configType": "TEMPLATE",
    "createdBy": "super",
    "createdTime": "2014-11-14T14:36:40+05:30",
    "deployAction": "provision",
    "deployStatus": "Deploying",
    "deploymentPlanId": 458912,
    "description": "",
    "id": 458912,
    "instanceName": "lb1",
    "modifiedBy": "super",
    "modifiedTime": "2014-11-18T10:49:28+05:30",
    "serviceType": "ADC",
    "statusMessage": "Deployment in progress.",
    "transactionIds": 656239
  },
  { "MOID":
"netjuniper.jmp.sgd.configmanager.provisioning.deploymentplan.jpa.SGDDeploymentPlanEntity:67191",

    "approveStatus": "Approved",
    "configType": "TEMPLATE",
    "createdBy": "super",
    "createdTime": "2014-11-13T13:34:42+05:30",
    "deployAction": "provision",
    "deployStatus": "Deployed",
    "deploymentPlanId": 67191,
    "description": "",
    "id": 67191,
    "instanceName": "lb1",
    "modifiedBy": "super",
    "modifiedTime": "2014-11-18T10:56:06+05:30",
    "serviceType": "ADC",
    "statusMessage": "Deployment Successful.",
    "transactionIds": [ 656999,
      656786
    ]
  }
],
"schemaName": "SGDServiceTemplateTO",
"success": true,
"totalRows": 2
} }
```

Create a Deployment Plan

This request is used to define a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/ saveservicedeployment
-----	---

HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.saveservicedeployment +json;version=1;charset=UTF-8
Consumes	None
Produces	Creates a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input**Sample JSON Input**

```
{ "approveStatus": "NEEDS_APPROVAL",
  "configType": "TEMPLATE",
  "configs": { "ADC_CUSTOM_HEALTH_CHECKS": [ { "commandName": "I",
    "commandType": "UDP",
    "commands": [ { "commandType": "OPEN",
      "createdBy": "super",
      "createdTime": 1416203399000,
      "depth": null,
      "description": null,
      "id": 592282,
      "modifiedBy": "super",
      "modifiedTime": 1416203399000,
      "moid":
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:592282",
      "name": "I",
      "objectCreateType": null,
      "offset": null,
      "userOperationType": null,
      "value": "1248",
      "wait": null
    } ],
    "createdBy": "super",
    "createdTime": 1416203399000,
    "description": null,
    "id": 592281,
    "modifiedBy": "super",
    "modifiedTime": 1416203399000,
    "moid":
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:592281",
    "name": "Script1",
    "objectCreateType": "DEPLOYMENT",
    "userOperationType": null
  } ],
```

```

"ADC_HEALTH_CHECK_SOURCES" : [ { "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "id" : 592283,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:592283",

    "name" : "22",
    "objectCreateType" : "DEPLOYMENT",
    "units" : [ { "address" : "10.3.33.3",
        "createdBy" : "super",
        "createdTime" : 1416203399000,
        "description" : null,
        "id" : 592284,
        "modifiedBy" : "super",
        "modifiedTime" : 1416203399000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitEntity:592284",
        "name" : "IPv4-Name",
        "objectCreateType" : null,
        "type" : "IPv4",
        "userOperationType" : null
    } ],
    "userOperationType" : null
    } ],
"ADC_REAL_SERVERS" : [ { "address" : "10.2.2.21",
    "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "id" : 592287,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:592287",
    "name" : "RS1",
    "objectCreateType" : "DEPLOYMENT",
    "realServerHealthCheck" : { "createdBy" : "super",
        "createdTime" : 1416203399000,
        "description" : null,
        "failureRetries" : 1,
        "healthCheckInterval" : 0,
        "id" : 592286,
        "modifiedBy" : "super",
        "modifiedTime" : 1416203399000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity:$$_javassist_498592286",
        "name" : "RS1",
        "objectCreateType" : null,
        "recoveryRetries" : 1,
        "userOperationType" : null
    } },
    "realServerType" : "ADC",
    "type" : "IPv4",

```

```
      "userOperationType" : null
    } ],
    "ADC_SERVER_GROUPS" : [ { "createdBy" : "super",
      "createdTime" : 1416203399000,
      "description" : null,
      "groupHealthCheck" : null,
      "healthCheck" : false,
      "id" : 592285,
      "loadBalanceMethod" : "ROUND_ROBIN",
      "modifiedBy" : "super",
      "modifiedTime" : 1416203399000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:592285",
      "name" : "G1",
      "objectCreateType" : "DEPLOYMENT",
      "realServers" : [ "RS1" ],
      "unitHealthCheck" : "22",
      "userOperationType" : null
    } ],
    "ADC_VIRTUAL_SERVERS" : [ { "address" : "10.4.4.4",
      "createdBy" : "super",
      "createdTime" : 1416203399000,
      "description" : "VS1 Desc",
      "id" : 592289,
      "modifiedBy" : "super",
      "modifiedTime" : 1416203399000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:592289",
      "name" : "VS1",
      "objectCreateType" : "DEPLOYMENT",
      "type" : "IPv4",
      "userOperationType" : null,
      "virtualServices" : [ { "createdBy" : "super",
        "createdTime" : 1416203399000,
        "description" : null,
        "fastLoadBalancing" : true,
        "group" : "G1",
        "id" : 592290,
        "modifiedBy" : "super",
        "modifiedTime" : 1416203399000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEntity:592290",
        "name" : "VSvc1",
        "objectCreateType" : null,
        "perPacketLoadBalancing" : true,
        "port" : null,
        "protocol" : "UDP",
        "sendTrafficToVIP" : true,
        "serverListeningPort" : 2,
        "serviceTimeOut" : 2,
        "type" : "DNS",
        "userOperationType" : null
      } ]
    } ]
  } ],
  "deployAction" : "PROVISION",
```

```

"deployStatus" : "NEW",
"description" : "",
"deviceConfigs" : { "ADC_CLIENT_FACING" : [ { "interfaces" : [ "irb.411",
    "irb.400"
    ],
    "name" : "CLIENT_FACING",
    "objectCreateType" : "DEPLOYMENT",
    "routingInstances" : [ "SGI-PRIVATE" ]
    } ],
"ADC_SERVER_FACING" : [ { "interfaces" : [ "irb.800",
    "irb.410"
    ],
    "name" : "SERVER_FACING",
    "objectCreateType" : "DEPLOYMENT",
    "routingInstances" : [ "SGI-PUBLIC" ]
    } ],
"ADC_SERVICE_INTERFACES" : [ { "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "id" : 592288,
    "interfaceName" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpac.common.SDGHostInterfaceEntity:592288",

    "name" : "ms-0/0/0",
    "objectCreateType" : "DEPLOYMENT",
    "unitNames" : null,
    "userOperationType" : null
    } ]
    },
"instanceName" : "lb1",
"serviceGateways" : [ { "configs" : { "ADC_CLIENT_FACING" : [ { "interfaces" : [ "irb.411",

    "irb.400"
    ],
    "name" : "CLIENT_FACING",
    "objectCreateType" : "DEPLOYMENT",
    "routingInstances" : [ "SGI-PRIVATE" ]
    } ],
"ADC_SERVER_FACING" : [ { "interfaces" : [ "irb.800",
    "irb.410"
    ],
    "name" : "SERVER_FACING",
    "objectCreateType" : "DEPLOYMENT",
    "routingInstances" : [ "SGI-PUBLIC" ]
    } ],
"ADC_SERVICE_INTERFACES" : [ { "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "id" : 592288,
    "interfaceName" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :

```

```

"net.juniper.jmp.sgd.configmanager.config.jpac.common.SDGHostInterfaceEntity:592288",

    "name" : "ms-0/0/0",
    "objectCreateType" : "DEPLOYMENT",
    "unitNames" : null,
    "userOperationType" : null
  } ]
},
"sdgId" : 33081
} ],
"serviceTemplateName" : "TEST_TEMPLATE",
"serviceType" : "ADC"
}

```

Modify a Deployment Plan

This request is used to edit a previously configured deployment plan.

URI	/api/sgd/configmanager/deploymentplan/saveservicedeployment
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.deploymentplan.saveservicedeployment+json;version=1;charset=UTF-8
Consumes	None
Produces	Modifies a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input

```

{ "approveStatus" : "NEEDS_APPROVAL",
  "configType" : "TEMPLATE",
  "configs" : { "ADC_CUSTOM_HEALTH_CHECKS" : [ { "commandName" : "I",
    "commandType" : "UDP",
    "commands" : [ { "commandType" : "OPEN",
      "createdBy" : "super",
      "createdTime" : 1416203399000,
      "depth" : null,
      "description" : null,
      "id" : 592282,
      "modifiedBy" : "super",
      "modifiedTime" : 1416203399000,
      "moid" :

```

```

"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCommandEntity:592282",
  "name" : "1",
  "objectCreateType" : null,
  "offset" : null,
  "userOperationType" : null,
  "value" : "1248",
  "wait" : null
} ],
"createdBy" : "super",
"createdTime" : 1416203399000,
"description" : null,
"id" : 592281,
"modifiedBy" : "super",
"modifiedTime" : 1416203399000,
"moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:592281",

  "name" : "Script1",
  "objectCreateType" : "DEPLOYMENT",
  "userOperationType" : null
} ],
"ADC_HEALTH_CHECK_SOURCES" : [ { "createdBy" : "super",
  "createdTime" : 1416203399000,
  "description" : null,
  "id" : 592283,
  "modifiedBy" : "super",
  "modifiedTime" : 1416203399000,
  "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:592283",

  "name" : "22",
  "objectCreateType" : "DEPLOYMENT",
  "units" : [ { "address" : "10.3.33.3",
    "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "id" : 592284,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitEntity:592284",
    "name" : "IPv4-Name",
    "objectCreateType" : null,
    "type" : "IPv4",
    "userOperationType" : null
  } ],
  "userOperationType" : null
} ],
"ADC_REAL_SERVERS" : [ { "address" : "10.2.2.21",
  "createdBy" : "super",
  "createdTime" : 1416203399000,
  "description" : null,
  "id" : 592287,
  "modifiedBy" : "super",
  "modifiedTime" : 1416203399000,
  "moid" :

```

```

"net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerEntity:592287",
  "name" : "RS1",
  "objectCreateType" : "DEPLOYMENT",
  "realServerHealthCheck" : { "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "failureRetries" : 1,
    "healthCheckInterval" : 0,
    "id" : 592286,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :
      "net.juniper.jmp.sgd.configmanager.config.jpa.common.RealServerHealthCheckEntity_$$javassist_498592286",
    "name" : "RS1",
    "objectCreateType" : null,
    "recoveryRetries" : 1,
    "userOperationType" : null
  },
  "realServerType" : "ADC",
  "type" : "IPv4",
  "userOperationType" : null
} ],
"ADC_SERVER_GROUPS" : [ { "createdBy" : "super",
  "createdTime" : 1416203399000,
  "description" : null,
  "groupHealthCheck" : null,
  "healthCheck" : false,
  "id" : 592285,
  "loadBalanceMethod" : "ROUND_ROBIN",
  "modifiedBy" : "super",
  "modifiedTime" : 1416203399000,
  "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCGroupEntity:592285",
  "name" : "G1",
  "objectCreateType" : "DEPLOYMENT",
  "realServers" : [ "RS1" ],
  "unitHealthCheck" : "22",
  "userOperationType" : null
} ],
"ADC_VIRTUAL_SERVERS" : [ { "address" : "10.4.4.4",
  "createdBy" : "super",
  "createdTime" : 1416203399000,
  "description" : "VS1 Desc",
  "id" : 592289,
  "modifiedBy" : "super",
  "modifiedTime" : 1416203399000,
  "moid" :
    "net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:592289",
  "name" : "VS1",
  "objectCreateType" : "DEPLOYMENT",
  "type" : "IPv4",
  "userOperationType" : null,
  "virtualServices" : [ { "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,

```



```

        "fastLoadBalancing" : true,
        "group" : "G1",
        "id" : 592290,
        "modifiedBy" : "super",
        "modifiedTime" : 1416203399000,
        "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.adc.ADCVirtualServiceEntity:592290",
        "name" : "VSvc1",
        "objectCreateType" : null,
        "perPacketLoadBalancing" : true,
        "port" : null,
        "protocol" : "UDP",
        "sendTrafficToVIP" : true,
        "serverListeningPort" : 2,
        "serviceTimeOut" : 2,
        "type" : "DNS",
        "userOperationType" : null
    } ]
} ]
},
"deployAction" : "PROVISION",
"deployStatus" : "NEW",
"description" : "",
"deviceConfigs" : [ { "ADC_CLIENT_FACING" : [ { "interfaces" : [ "irb.411",
    "irb.400"
    ],
    "name" : "CLIENT_FACING",
    "objectCreateType" : "DEPLOYMENT",
    "routingInstances" : [ "SGI-PRIVATE" ]
    } ],
"ADC_SERVER_FACING" : [ { "interfaces" : [ "irb.800",
    "irb.410"
    ],
    "name" : "SERVER_FACING",
    "objectCreateType" : "DEPLOYMENT",
    "routingInstances" : [ "SGI-PUBLIC" ]
    } ],
"ADC_SERVICE_INTERFACES" : [ { "createdBy" : "super",
    "createdTime" : 1416203399000,
    "description" : null,
    "id" : 592288,
    "interfaceName" : null,
    "modifiedBy" : "super",
    "modifiedTime" : 1416203399000,
    "moid" :
"net.juniper.jmp.sgd.configmanager.config.jp.a.common.SDGHostInterfaceEntity:592288",
    "name" : "ms-0/0/0",
    "objectCreateType" : "DEPLOYMENT",
    "unitNames" : null,
    "userOperationType" : null
    } ]
} ],
"instanceName" : "lb1",
"serviceGateways" : [ { "configs" : [ "ADC_CLIENT_FACING" : [ { "interfaces" : [ "irb.411",

```

```

        "irb.400"
      ],
      "name" : "CLIENT_FACING",
      "objectCreateType" : "DEPLOYMENT",
      "routingInstances" : [ "SGI-PRIVATE" ]
    } ],
    "ADC_SERVER_FACING" : [ { "interfaces" : [ "irb.800",
      "irb.410"
    ],
      "name" : "SERVER_FACING",
      "objectCreateType" : "DEPLOYMENT",
      "routingInstances" : [ "SGI-PUBLIC" ]
    } ],
    "ADC_SERVICE_INTERFACES" : [ { "createdBy" : "super",
      "createdTime" : 1416203399000,
      "description" : null,
      "id" : 592288,
      "interfaceName" : null,
      "modifiedBy" : "super",
      "modifiedTime" : 1416203399000,
      "moid" :
"net.juniper.jmp.sgd.configmanager.config.jpa.common.SDGHostInterfaceEntity:592288",

      "name" : "ms-0/0/0",
      "objectCreateType" : "DEPLOYMENT",
      "unitNames" : null,
      "userOperationType" : null
    } ]
  },
  "sdgId" : 33081
} ],
"serviceTemplateName" : "TEST_TEMPLATE",
"serviceType" : "ADC"
}

```

Delete a Deployment Plan

This request is used to delete a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/ deletedeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.deletedeploymentplans +json;version=1;charset=UTF-8
Consumes	None
Produces	Deletes a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input `{"deploymentplanids":[{"deploymentplanId"}]}`

Approve a Deployment Plan

This request is used to approve a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/ approveddeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.approveddeploymentplans +json;version=1;charset=UTF-8
Consumes	None
Produces	Approves a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input `{"deploymentplanids":[{"deploymentplanId"}]}`

Reject a Deployment Plan

This request is used to reject a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/ rejectdeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.rejectdeploymentplans +json;version=1;charset=UTF-8

Consumes	None
Produces	Rejects a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input `{"serviceDeploymentInput":{"deploymentplanids":[{"deploymentplanId}],
"rejectComment":"Rejected by Admin"}}`

Preview a Deployment Plan

This request is used to preview a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/ previewdeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.previewdeploymentplans +json;version=1;charset=UTF-8
Consumes	None
Produces	A preview of a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input `{"deploymentplanid":{"deploymentplanId}}`

Output

Sample JSON Output `{ "response": { "data": [{ "configXml": "\n<configuration>\n <extensions>\n <adc>\n
<adc-instance>\n <name>lb1</name>\n <real-servers>\n <real>\n
<name>DNS1</name>\n <health-check>\n <interval>2</interval>\n
</health-check>\n </real>\n </real-servers>\n </adc-instance>\n
</adc>\n </extensions>\n</configuration>",
"hostId": 32881,`

```

        "hostName" : "mcmx240c",
        "sgdId" : 33081,
        "sgdName" : "mcmx240a-mcmx240c"
    },
    { "configXml" : "\n<configuration>\n <extensions>\n <adc>\n <adc-instance>\n
    <name>lb1</name>\n <real-servers>\n <real>\n
    <name>DNS1</name>\n <health-check>\n <interval>2</interval>\n
    </health-check>\n </real>\n </real-servers>\n </adc-instance>\n </adc>\n
    </extensions>\n</configuration>",
        "hostId" : 32880,
        "hostName" : "mcmx240a",
        "sgdId" : 33081,
        "sgdName" : "mcmx240a-mcmx240c"
    }
  ]}]

```

Validate a Deployment Plan

This request is used to validate a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/ validateddeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.validateddeploymentplans +json;version=1;charset=UTF-8
Consumes	None
Produces	Validates a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input {"deploymentplanid":{deploymentplanId}}

Output

Sample JSON Output { "response" : { "data" : [{ "hostId" : 32881,
"hostName" : "mcmx240c",
"sgdId" : 33081,
"sgdName" : "mcmx240a-mcmx240c",
"status" : "Success"
},
{ "hostId" : 32880,
"hostName" : "mcmx240a",

```

    "sgdId" : 33081,
    "sgdName" : "mcmx240a-mcmx240c",
    "status" : "Success"
  }
]}}
```

Provision a Deployment Plan

This request is used to provision a deployment plan.

URI	/api/sgd/configmanager/deploymentplan/provisiondeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.deploymentplan.provisiondeploymentplans+json;version=1;charset=UTF-8
Consumes	None
Produces	Provisions a deployment plan

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input {"deploymentplanids":[{"deploymentplanId"}],"isScheduleLater":true,"scheduledTime":"1416894840000","rollback":true}

Cancel a Scheduled Deployment Plan Job

This request is used to cancel a scheduled deployment job.

URI	/api/sgd/configmanager/deploymentplan/canceldeploymentplanjob/{jobId}/{deploymentplanId}
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.deploymentplan.canceldeploymentplanjob.{jobId}.{deploymentplanId}+json;version=1;charset=UTF-8
Consumes	None
Produces	Cancels a scheduled deployment job

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input `{"deploymentplanid":{deploymentplanId}}`

Change the States of a Deployment Job Between Provisioned and Decommissioned

This request is used to change the deployment plans from provisioning to decommissioned state or from decommissioned to provisioned state.

URI	/api/sgd/configmanager/deploymentplan/ changedeployactionofdeploymentplans
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager. deploymentplan.changedeployactionofdeploymentplans +json;version=1;charset=UTF-8
Consumes	None
Produces	Changes the deployment plans from provisioning to decommissioned state or from decommissioned to provisioned state.

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Input

Sample JSON Input `{"deploymentplanid":{deploymentplanId}}`

Prepare Service Structure From Template Name By Service Type

This request is used to retrieve the service structure from templates based on service types.

URI	/api/sgd/configmanager/servicetemplate/ preparestructurefromtemplate/{serviceTemplateName}/{serviceType (ADC/TLB/CGNAT/SFW)}
-----	--

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager.servicetemplate.preparestructurefromtemplate. {serviceTemplateName}. {serviceType(ADC/TLB/CGNAT/SFW)} +json;version=1;charset=UTF-8
Consumes	None
Produces	Constructs the service structure from template names based on service types

Response Status Code

Message	Description
200 OK	Successful construction of service structure from template names based on service types

Output

Sample JSON Output

```
{ "response": { "MOID":
"net.juniper.jmp.sgd.configmanager.template.jp.a.ADCTemplateEntity:592277",
  "createdBy": "super",
  "createdTime": "2014-11-17T11:18:46+05:30",
  "description": "TEST_TEMPLATE DESC NEW",
  "id": 592277,
  "modifiedBy": "super",
  "modifiedTime": "2014-11-17T11:19:59+05:30",
  "name": "TEST_TEMPLATE",
  "serviceInstanceName": "lb1",
  "serviceType": "ADC",
  "status": "PUBLISHED",
  "to": { "configViewComponentsTOs": [ { "configViewComponentList": { "configData"
:
{ "id": "592287", "createdBy": "super", "modifiedBy": "super", "createdTime": "1416203399000",
modifiedTime": "1416203399000", "userOperationType": null, "name": "RS1", "description": null, "ob
jectCreateType": "TEMPLATE", "type": "IPv4", "address": "10.2.2.21", "realServerHealthCheck": {
"id": "592286", "createdBy": "super", "modifiedBy": "super", "createdTime": "1416203399000", "mo
difiedTime": "1416203399000", "userOperationType": null, "name": "RS1", "description": null, "objec
tCreateType": null, "failureRetries": 1, "healthCheckInterval": 0, "recoveryRetries": 1, "moid": "net.j
uniper.jmp.sgd.configmanager.config.jp.a.common.RealServerHealthCheckEntity_$$_javassist_498:5922
86"}, "realServerType": "ADC", "moid": "net.juniper.jmp.sgd.configmanager.config.jp.a.common.Re
alServerEntity:592287"} },
    "configKnob": "real-servers",
    "description": "",
    "image": "/sgd/ui/web/images/viewconfig/real_server.png",
    "labelAlign": "right",
    "name": "RS1",
    "parentPanel": "real-servers",
    "truncatedName": "RS1"
  },
  "description": "Configure application servers",
```



```

        "name" : "Real Servers",
        "permissionType" : "EDITABLE",
        "type" : "ADC_REAL_SERVERS"
    },
    { "configViewComponentList" : { "configData" :
        "{ \"id\":592283,\"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\":1416203399000, \"
        modifiedTime\":1416203399000, \"userOperationType\":null, \"name\": \"22\", \"description\":null, \"obj
        ectCreateType\": \"TEMPLATE\", \"units\": [{ \"id\":592284,\"createdBy\": \"super\", \"modifiedBy\": \"sup
        er\", \"createdTime\":1416203399000, \"modifiedTime\":1416203399000, \"userOperationType\":null, \"
        name\": \"IPv4-
        Name\", \"description\":null, \"objectCreateType\":null, \"type\": \"IPv4\", \"address\": \"10.3.33.3\", \"moi
        d\": \"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:592284\" }], \"moid\": \"net.junipe
        r.jmp.sgd.configmanager.config.jpa.adc.ADCUnitHealthCheckEntity:592283\" }",
        "configKnob" : "health-check-source",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/health_check.png",
        "labelAlign" : "right",
        "name" : "22",
        "parentPanel" : "health-check-source",
        "truncatedName" : "22"
    },
    "description" : "Configure IP address to send the health checks to real servers",
    "name" : "Health Check Sources",
    "permissionType" : "EDITABLE",
    "type" : "ADC_HEALTH_CHECK_SOURCES"
    },
    { "configViewComponentList" : { "configData" :
        "{ \"id\":592281,\"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\":1416203399000, \"
        modifiedTime\":1416203399000, \"userOperationType\":null, \"name\": \"Script1\", \"description\":null, \"
        objectCreateType\": \"TEMPLATE\", \"commandType\": \"UDP\", \"commandName\": \"T\", \"commands
        \": [{ \"id\":592282,\"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\":1416203399000, \"
        modifiedTime\":1416203399000, \"userOperationType\":null, \"name\": \"T\", \"description\":null, \"obj
        ectCreateType\":null, \"commandType\": \"OPEN\", \"value\": \"1248\", \"wait\":null, \"offset\":null, \"dep
        th\":null, \"moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCCommandEntity:592282\" }], \"
        moid\": \"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCCustomHealthCheckEntity:592281\" }",
        "configKnob" : "custom-health-check",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/custom_health_check.png",
        "labelAlign" : "right",
        "name" : "Script1",
        "parentPanel" : "custom-health-check",
        "truncatedName" : "Script1"
    },
    "description" : "Configure script based health check for a group",
    "name" : "Custom Health Checks",
    "permissionType" : "EDITABLE",
    "type" : "ADC_CUSTOM_HEALTH_CHECKS"
    },
    { "configViewComponentList" : { "configData" :
        "{ \"id\":592285,\"createdBy\": \"super\", \"modifiedBy\": \"super\", \"createdTime\":1416203399000, \"
        modifiedTime\":1416203399000, \"userOperationType\":null, \"name\": \"G1\", \"description\":null, \"obj
        ectCreateType\": \"TEMPLATE\", \"realServers\": [ \"RST1\" ], \"unitHealthCheck\": \"22\", \"loadBalanceMet
        hod\": \"ROUND_ROBIN\", \"healthCheck\": false, \"groupHealthCheck\":null, \"moid\": \"net.juniper.jmp.s
        gd.configmanager.config.jpa.adc.ADCGroupEntity:592285\" }",
        "configKnob" : "server-groups",

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```

        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/server_group.png",
        "labelAlign" : "right",
        "name" : "G1",
        "parentPanel" : "server-groups",
        "truncatedName" : "G1"
    },
    "description" : "Associate multiple servers with same content type to one group",

    "name" : "Server Groups",
    "permissionType" : "EDITABLE",
    "type" : "ADC_SERVER_GROUPS"
},
{ "configViewComponentList" : { "configData" :
"{\"id\":\"592289\",\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createTime\":\"1416203399000\",
modifiedTime\":\"1416203399000\",\"userOperationType\":\"null\",\"name\":\"VS1\",\"description\":\"VS1
Desc\",\"objectCreateType\":\"TEMPLATE\",\"address\":\"10.4.4.4\",\"type\":\"IPv4\",\"virtualServices\"
:[{\"id\":\"592290\",\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createTime\":\"1416203399000\",
modifiedTime\":\"1416203399000\",\"userOperationType\":\"null\",\"name\":\"VSvc\",\"description\":\"null\",
objectCreateType\":\"null\",\"group\":\"G1\",\"type\":\"DNS\",\"protocol\":\"UDP\",\"serviceTimeOut\":\"2\",
port\":\"null\",\"serverListeningPort\":\"2\",\"fastLoadBalancing\":\"true\",\"perPacketLoadBalancing\":\"true\",
sendTrafficToVIP\":\"true\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServiceEn
tity:592290\"}]}\",\"moid\":\"net.juniper.jmp.sgd.configmanager.config.jpa.adc.ADCVirtualServerEntity:59
2289\"}",
        "configKnob" : "virtual-servers",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/virtual_server.png",
        "labelAlign" : "right",
        "name" : "VS1",
        "parentPanel" : "virtual-servers",
        "truncatedName" : "VS1"
    },
    "description" : "Create Virtual IP address to accept client requests",
    "name" : "Virtual Servers",
    "permissionType" : "EDITABLE",
    "type" : "ADC_VIRTUAL_SERVERS"
},
{ "configViewComponentList" : [ { "configData" :
"{\"id\":\"null\",\"createdBy\":\"null\",\"modifiedBy\":\"null\",\"createTime\":\"null\",\"modifiedTime\":\"null\",
userOperationType\":\"null\",\"name\":\"SGI-PRIVATE\",\"description\":\"null\",
objectCreateType\":\"null\",
moid\":\"null\",
        "configKnob" : "client-side-vrf",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/client_facing.png",
        "labelAlign" : "right",
        "name" : "SGI-PRIVATE",
        "parentPanel" : "client-side-vrf",
        "truncatedName" : "SGI-PRIV.",
        "type" : "ROUTINGINSTANCES"
    },
    { "configData" :
"{\"id\":\"null\",\"createdBy\":\"null\",\"modifiedBy\":\"null\",\"createTime\":\"null\",\"modifiedTime\":\"null\",
userOperationType\":\"null\",
name\":\"irb.411\",
description\":\"null\",
objectCreateType\":\"null\",
interfaceName\":\"null\",
unitNames\":\"null\",
moid\":\"null\",
        "configKnob" : "client-facing-interfaces",

```

```

        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/IRB_interface.png",
        "labelAlign" : "bottom",
        "name" : "irb.411",
        "parentPanel" : "client-facing-interfaces",
        "truncatedName" : "irb.411",
        "type" : "INTERFACES"
    },
    { "configData" :
        "{ \"id\":null,\"createdBy\":null,\"modifiedBy\":null,\"createTime\":null,\"modifiedTime\":null,\"userOperationType\":null,\"name\":null,\"description\":null,\"objectCreateType\":null,\"interfaceName\":null,\"unitNames\":null,\"moid\":null}",
        "configKnob" : "client-facing-interfaces",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/IRB_interface.png",
        "labelAlign" : "bottom",
        "name" : "irb.400",
        "parentPanel" : "client-facing-interfaces",
        "truncatedName" : "irb.400",
        "type" : "INTERFACES"
    }
],
    "description" : "Create interface to receive client traffic",
    "name" : "Client Facing",
    "permissionType" : "DEVICE_SPECIFIC",
    "type" : "ADC_CLIENT_FACING"
},
    { "configViewComponentList" : { "configData" :
        "{ \"id\":\"592288\",\"createdBy\":\"super\",\"modifiedBy\":\"super\",\"createTime\":\"1416203399000\",\"modifiedTime\":\"1416203399000\",\"userOperationType\":null,\"name\":\"ms-0/0/0\",\"description\":null,\"objectCreateType\":null,\"interfaceName\":null,\"unitNames\":null,\"moid\":\"net:juniper:jmp.sgd.configmanager.config.jp.a.common.SDGHostInterfaceEntity:592288\"}",
        "configKnob" : "ms-interfaces",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/service_pic.png",
        "labelAlign" : "right",
        "name" : "ms-0/0/0",
        "parentPanel" : "ms-interfaces",
        "truncatedName" : "ms-0/0/0"
    },
    "description" : "Select MS interface for hosting the service",
    "name" : "Service Pic",
    "permissionType" : "DEVICE_SPECIFIC",
    "type" : "ADC_SERVICE_INTERFACES"
},
    { "configViewComponentList" : [ { "configData" :
        "{ \"id\":null,\"createdBy\":null,\"modifiedBy\":null,\"createTime\":null,\"modifiedTime\":null,\"userOperationType\":null,\"name\":\"SGL-PUBLIC\",\"description\":null,\"objectCreateType\":null,\"moid\":null}",
        "configKnob" : "server-side-vrf",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/server_facing.png",
        "labelAlign" : "right",
        "name" : "SGL-PUBLIC",
        "parentPanel" : "server-side-vrf",

```

```

        "truncatedName" : "SGI-PUBL..",
        "type" : "ROUTINGINSTANCES"
    },
    { "configData" :
    "{ \"id\":null,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":null,\"modifiedTime\":null,\"userO
perationType\":null,\"name\": \"irb.800\", \"description\":null,\"objectCreateType\":null,\"interfaceNam
e\":null,\"unitNames\":null,\"moid\":null}",
        "configKnob" : "service-facing-interfaces",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/IRB_interface.png",
        "labelAlign" : "right",
        "name" : "irb.800",
        "parentPanel" : "service-facing-interfaces",
        "truncatedName" : "irb.800",
        "type" : "INTERFACES"
    },
    { "configData" :
    "{ \"id\":null,\"createdBy\":null,\"modifiedBy\":null,\"createdTime\":null,\"modifiedTime\":null,\"userO
perationType\":null,\"name\": \"irb.410\", \"description\":null,\"objectCreateType\":null,\"interfaceNam
e\":null,\"unitNames\":null,\"moid\":null}",
        "configKnob" : "service-facing-interfaces",
        "description" : "",
        "image" : "/sgd/ui/web/images/viewconfig/IRB_interface.png",
        "labelAlign" : "right",
        "name" : "irb.410",
        "parentPanel" : "service-facing-interfaces",
        "truncatedName" : "irb.410",
        "type" : "INTERFACES"
    }
    ],
    "description" : "Create interface to connect application servers",
    "name" : "Server Facing",
    "permissionType" : "DEVICE_SPECIFIC",
    "type" : "ADC_SERVER_FACING"
}
],
"noOfPanels" : 10
},
"uiPermissionMap" : { "entry" : [ { "key" : "ADC_CLIENT_FACING",
    "value" : "DEVICE_SPECIFIC"
    },
    { "key" : "ADC_VIRTUAL_SERVERS",
    "value" : "EDITABLE"
    },
    { "key" : "ADC_SERVER_FACING",
    "value" : "DEVICE_SPECIFIC"
    },
    { "key" : "ADC_HEALTH_CHECK_SOURCES",
    "value" : "EDITABLE"
    },
    { "key" : "ADC_SERVICE_INTERFACES",
    "value" : "DEVICE_SPECIFIC"
    },
    { "key" : "ADC_SERVER_GROUPS",
    "value" : "EDITABLE"
    }
    ],
}

```

```

    { "key" : "ADC_REAL_SERVERS",
      "value" : "EDITABLE"
    },
    { "key" : "ADC_CUSTOM_HEALTH_CHECKS",
      "value" : "EDITABLE"
    }
  ]
}
```

Prepare Basic Service Structure From Deployment Plans

This request is used to retrieve the basic service structure from deployment plans

URI	<code>api/v1/management/preparebasicstructurefromdeploymentplan/{deploymentplanid}</code>
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.servicetemplate.preparebasicstructurefromdeploymentplan.{deploymentplanid}+json;version=1;charset=UTF-8
Consumes	None
Produces	Constructs the basic service structure for devices based on deployment plans

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Output

Sample JSON Output None

Prepare Device Service Structure From Deployment Plans

This request is used to retrieve the device service structure from deployment plans

URI	<code>api/v1/management/preparedevicestructurefromdeploymentplan/{deploymentplanid}</code>
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.configmanager.servicetemplate.preparedevicestructurefromdeploymentplan.{deploymentplanid}+json;version=1;charset=UTF-8
Consumes	None

Produces

Constructs the service structure for devices based on deployment plans

Response Status Code

Message	Description
204 No Content	The server fulfilled the request, but does not need to return a response message body.

Output

Sample JSON Output

```
{
  "response":{
    "id":659945,

    "MOID":"net.juniper.jmp.sgd.configmanager.provisioning.deploymentplan.jpa.SGDDeploymentPlanEntity:659945",
    "createdBy":"super",
    "modifiedBy":"super",
    "createdTime":"2014-11-18T12:40:32+05:30",
    "modifiedTime":"2014-11-18T12:40:32+05:30",
    "to":{
      "noOfPanels":0
    },
    "deviceConfigs":{
      "entry":{
        "key":33081,
        "value":{
          "configViewComponentsTOs":[
            {
              "configViewComponentList":{
                "name":"ms-0\0\0\0",
                "configKnob":"ms-interfaces",
                "truncatedName":"ms-0\0\0\0",
                "labelAlign":"right",
                "image":"\\sgd\\ui\\web\\images\\viewconfig\\service_pic.png",
                "parentPanel":"ms-interfaces",

                "configData":{"id":"659971","createdBy":"super","modifiedBy":"super","createdTime":"1416294632000","modifiedTime":"1416294632000","userOperationType":null,"name":"ms-0\0\0\0","description":null,"objectCreateType":"DEPLOYMENT","interfaceName":null,"unitNames":null,"moid":null},
                "description":""
              },
              "name":"Service Pic",
              "type":"ADC_SERVICE_INTERFACES",
              "permissionType":"DEVICE_SPECIFIC",
              "description":"Select MS interface for hosting the service"
            },
            {
              "configViewComponentList":{
                {
                  "name":"SGI-PRIVATE",
```

```

        "configKnob": "client-side-vrf",
        "truncatedName": "SGI-PRIV..",
        "labelAlign": "right",
        "image": "\sgd\ui\web\images\viewconfig\client_facing.png",
        "paretPanel": "client-side-vrf",
        "type": "ROUTINGINSTANCES",

"configData": "{ \"id\": null, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": null, \"name\": \"SGI-PRIVATE\", \"description\": null, \"objectCreateType\": null, \"moid\": null }",
        "description": ""
    },
    {
        "name": "irb.411",
        "configKnob": "client-facing-interfaces",
        "truncatedName": "irb.411",
        "labelAlign": "bottom",
        "image": "\sgd\ui\web\images\viewconfig\IRB_interface.png",
        "paretPanel": "client-facing-interfaces",
        "type": "INTERFACES",

"configData": "{ \"id\": null, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": null, \"name\": \"irb.411\", \"description\": null, \"objectCreateType\": null, \"interfaceName\": null, \"unitNames\": null, \"moid\": null }",
        "description": ""
    },
    {
        "name": "irb.400",
        "configKnob": "client-facing-interfaces",
        "truncatedName": "irb.400",
        "labelAlign": "bottom",
        "image": "\sgd\ui\web\images\viewconfig\IRB_interface.png",
        "paretPanel": "client-facing-interfaces",
        "type": "INTERFACES",

"configData": "{ \"id\": null, \"createdBy\": null, \"modifiedBy\": null, \"createdTime\": null, \"modifiedTime\": null, \"userOperationType\": null, \"name\": \"irb.400\", \"description\": null, \"objectCreateType\": null, \"interfaceName\": null, \"unitNames\": null, \"moid\": null }",
        "description": ""
    }
],
    "name": "Client Facing",
    "type": "ADC_CLIENT_FACING",
    "permissionType": "DEVICE_SPECIFIC",
    "description": "Create interface to receive client traffic"
},
{
    "configViewComponentList": [
        {
            "name": "SGI-PUBLIC",
            "configKnob": "server-side-vrf",
            "truncatedName": "SGI-PUBL..",
            "labelAlign": "right",
            "image": "\sgd\ui\web\images\viewconfig\server_facing.png",
            "paretPanel": "server-side-vrf",
            "type": "ROUTINGINSTANCES",

```

```

"configData":{"id":null,"createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":
:null,"userOperationType":null,"name":"SGI-
PUBLIC","description":null,"objectCreateType":null,"moid":null},
  "description":""
},
{
  "name":"irb.800",
  "configKnob":"service-facing-interfaces",
  "truncatedName":"irb.800",
  "labelAlign":"right",
  "image":"\\sgd\\web\\images\\viewconfig\\IRB_interface.png",
  "parentPanel":"service-facing-interfaces",
  "type":"INTERFACES",

"configData":{"id":null,"createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":
:null,"userOperationType":null,"name":"irb.800","description":null,"objectCreateType":null,"i
nterfaceName":null,"unitNames":null,"moid":null},
  "description":""
},
{
  "name":"irb.410",
  "configKnob":"service-facing-interfaces",
  "truncatedName":"irb.410",
  "labelAlign":"right",
  "image":"\\sgd\\web\\images\\viewconfig\\IRB_interface.png",
  "parentPanel":"service-facing-interfaces",
  "type":"INTERFACES",

"configData":{"id":null,"createdBy":null,"modifiedBy":null,"createdTime":null,"modifiedTime":
:null,"userOperationType":null,"name":"irb.410","description":null,"objectCreateType":null,"i
nterfaceName":null,"unitNames":null,"moid":null},
  "description":""
}
],
  "name":"Server Facing",
  "type":"ADC_SERVER_FACING",
  "permissionType":"DEVICE_SPECIFIC",
  "description":"Create interface to connect application servers"
}
],
  "noOfPanels":10
}
}
},
"serviceType":"ADC",
"description":"",
"serviceTemplateName":"TEST_TEMPLATE",
"serviceInstanceName":"[b]",
"deviceSpecificStructureViewTOs":[
{
  "configViewComponentList":[
    {
      "name":"SGI-PRIVATE",
      "configKnob":"client-side-vrf",
      "truncatedName":"SGI-PRIV..",

```



```

"labelAlign":"right",
"image":"/sgdUI/web/images/viewconfig/client_facing.png",
"parentPanel":"client-side-vrf",
"type":"ROUTINGINSTANCES",

"configData":{"id":"","createdBy":"","modifiedBy":"","createdTime":"","modifiedTime":"","userOperationType":"","name":"","SGI-PRIVATE":"","description":"","objectCreateType":"","moid":""},
{
"name":"irb.411",
"configKnob":"client-facing-interfaces",
"truncatedName":"irb.411",
"labelAlign":"bottom",
"image":"/sgdUI/web/images/viewconfig/IRB_interface.png",
"parentPanel":"client-facing-interfaces",
"type":"INTERFACES",

"configData":{"id":"","createdBy":"","modifiedBy":"","createdTime":"","modifiedTime":"","userOperationType":"","name":"","irb.411":"","description":"","objectCreateType":"","interfaceName":"","unitNames":"","moid":""},
{
"name":"irb.400",
"configKnob":"client-facing-interfaces",
"truncatedName":"irb.400",
"labelAlign":"bottom",
"image":"/sgdUI/web/images/viewconfig/IRB_interface.png",
"parentPanel":"client-facing-interfaces",
"type":"INTERFACES",

"configData":{"id":"","createdBy":"","modifiedBy":"","createdTime":"","modifiedTime":"","userOperationType":"","name":"","irb.400":"","description":"","objectCreateType":"","interfaceName":"","unitNames":"","moid":""},
{
},
{
"name":"Client Facing",
"type":"ADC_CLIENT_FACING",
"permissionType":"DEVICE_SPECIFIC",
"description":""
},
{
"configViewComponentList":{
"name":"ms-0\0\0",
"configKnob":"ms-interfaces",
"truncatedName":"ms-0\0\0",
"labelAlign":"right",
"image":"/sgdUI/web/images/viewconfig/service_pic.png",
"parentPanel":"ms-interfaces",

"configData":{"id":"659963","createdBy":"","super":"","modifiedBy":"","super":"","createdTime":"1416294632000","modifiedTime":"1416294632000","userOperationType":"","name":"","ms-0\0\0":"","description":"","objectCreateType":"","DEPLOYMENT":"","interfaceName":"","unitNa

```

```

mes\":"null,\"moid\":"null}",
    "description":""
  },
  "name":"Service Pic",
  "type":"ADC_SERVICE_INTERFACES",
  "permissionType":"DEVICE_SPECIFIC",
  "description":""
},
{
  "configViewComponentList":[
    {
      "name":"SGI-PUBLIC",
      "configKnob":"server-side-vrf",
      "truncatedName":"SGI-PUBL..",
      "labelAlign":"right",
      "image":"/sgd/ui/web/images/viewconfig/server_facing.png",
      "parentPanel":"server-side-vrf",
      "type":"ROUTINGINSTANCES",

      "configData":{"id\":\"null,\"createdBy\":\"null,\"modifiedBy\":\"null,\"createdTime\":\"null,\"modifiedTime\"
:null,\"userOperationType\":\"null,\"name\":\"SGI-
PUBLIC\",\"description\":\"null,\"objectCreateType\":\"null,\"moid\":\"null}",
        "description":""
      },
      {
        "name":"irb.800",
        "configKnob":"service-facing-interfaces",
        "truncatedName":"irb.800",
        "labelAlign":"right",
        "image":"/sgd/ui/web/images/viewconfig/IRB_interface.png",
        "parentPanel":"service-facing-interfaces",
        "type":"INTERFACES",

        "configData":{"id\":\"null,\"createdBy\":\"null,\"modifiedBy\":\"null,\"createdTime\":\"null,\"modifiedTime\"
:null,\"userOperationType\":\"null,\"name\":\"irb.800\",\"description\":\"null,\"objectCreateType\":\"null,\"i
nterfaceName\":\"null,\"unitNames\":\"null,\"moid\":\"null}",
          "description":""
        },
        {
          "name":"irb.410",
          "configKnob":"service-facing-interfaces",
          "truncatedName":"irb.410",
          "labelAlign":"right",
          "image":"/sgd/ui/web/images/viewconfig/IRB_interface.png",
          "parentPanel":"service-facing-interfaces",
          "type":"INTERFACES",

          "configData":{"id\":\"null,\"createdBy\":\"null,\"modifiedBy\":\"null,\"createdTime\":\"null,\"modifiedTime\"
:null,\"userOperationType\":\"null,\"name\":\"irb.410\",\"description\":\"null,\"objectCreateType\":\"null,\"i
nterfaceName\":\"null,\"unitNames\":\"null,\"moid\":\"null}",
            "description":""
          }
        ],
        "name":"Server Facing",
        "type":"ADC_SERVER_FACING",
        "permissionType":"DEVICE_SPECIFIC",

```

```
        "description":""  
      }  
    ]  
  }  
}
```


Transactions RESTful Web Services

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Transactions RESTful Web Services

The following operations can be performed using the Edge Services Director Transactions RESTful Web Services. A transaction refers to an operation or a task that is performed on the service definitions, configuration parameters, and policy settings that are created for provisioning on the devices or Service Delivery Gateways (SDGs).

Get All Transactions

This request is used to retrieve all the transactions associated with deploy plans. A one-to-one mapping exists between the deployment plan and a transaction. A unique identifier for each transaction for easy tracking and filtering is automatically assigned by the Edge Services Director application.

URI	/api/sd/configmanager/transactionmgmt/getalltransactions?page=1&start=0&limit=30
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager.transactionmgmt.getalltransactions?page=1&start=0&limit=30+json; version=1; charset=UTF-8
Consumes	None
Produces	Collects all the transactions created

Response Status Code

Message	Description
200 OK	Successful collection of all created transactions

Output

Sample JSON Output { "response": { "data": { "deploymentPlans": 70302, "jobID": 163879,

```

    "serviceInstances": "lb1",
    "timeStamp": "2014-11-18T11:11:10+05:30",
    "transactionID": 70503,
    "transactionStatus": "success",
    "transactionStatusMsg": "There is no configuration change."
  },
  "success": true,
  "totalRows": 1
} }

```

Get a Transaction By ID

This request is used to retrieve details of a specific transaction based on its identifier.

URI	/api/sd/configmanager/transactionmgmt/gettransactiondetailbyid/{transactionId}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager.transactionmgmt.gettransactiondetailbyid.{transactionId}.json; version=1; charset=UTF-8
Consumes	None
Produces	Collects details for a particular transaction

Response Status Code

Message	Description
200 OK	Successful collection of a particular transaction

Output

Sample JSON Output

```

{ "transdetailresponse": { "data": [ { "host": "mobst480x",
    "hostId": 32891,
    "hostStatus": "success",
    "hostStatusMsg": "There is no configuration change.",
    "sdgId": 33091,
    "sdgName": "mobst480w-mobst480x",
    "transactionID": 70503
  },
  { "host": "mobst480w",
    "hostId": 32937,
    "hostStatus": "success",
    "hostStatusMsg": "There is no configuration change.",
    "sdgId": 33091,
    "sdgName": "mobst480w-mobst480x",
    "transactionID": 70503
  }
] } }

```

Get Previous Configuration Details

This request is used to retrieve the XML form of configuration parameters and statements that are currently running on the device.

URI	/api/sgd/configmanager/transactionmgmt/getconfigdetails/{transId}/{sdgId}/{hostId}/previousConfig
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager.transactionmgmt.getconfigdetails.{transId}.{sdgId}/{hostId}.previousConfig+json; version=1; charset=UTF-8
Consumes	None
Produces	Displays the currently running configuration on a device

Response Status Code

Message	Description
200 OK	Successful display of currently running configuration on a device

Output

Sample JSON Output

```
<configuration>
  <version>14.2-20140710_ib_14_2_psd.1</version>
  <groups>
    <name>re0</name>
    <system>
      <host-name>sugar</host-name>
      <backup-router>
        <address>192.168.184.126</address>
        <destination>0.0.0.0</destination>
      </backup-router>
    </system>
    <interfaces>
      <interface>
        <name>fxp0</name>
        <unit>
          <name>0</name>
          <family>
            <inet>
              <address>
                <name>192.168.184.76/25</name>
              </address>
            </inet>
          </family>
        </unit>
      </interface>
    </interfaces>
  </groups>
</configuration>
```

```
</groups>
<groups>
  <name>re1</name>
  <system>
    <host-name>sugar1</host-name>
    <backup-router>
      <address>192.168.184.126</address>
      <destination>0.0.0.0</destination>
    </backup-router>
  </system>
  <interfaces>
    <interface>
      <name>fxp0</name>
      <unit>
        <name>0</name>
        <family>
          <inet>
            <address>
              <name>192.168.184.78/25</name>
            </address>
          </inet>
        </family>
      </unit>
    </interface>
  </interfaces>
</groups>
<groups>
  <name>global</name>
  <system>
    <domain-name>device1.example.com</domain-name>
    <domain-search>device1.example.com</domain-search>
    <domain-search>example.com</domain-search>
    <domain-search>example1.com</domain-search>
    <domain-search>device2.example.com</domain-search>
    <time-zone>America/Los_Angeles</time-zone>
    <undocumented><debugger-on-panic/></undocumented>
    <undocumented><debugger-on-break/></undocumented>
    <undocumented><dump-on-panic>
    </dump-on-panic></undocumented>
    <authentication-order>radius</authentication-order>
    <authentication-order>password</authentication-order>
    <authentication-order>tacplus</authentication-order>
    <root-authentication>
      <encrypted-password>$1$ZUIES4dp$OUwWo1g7cLoV/aMWpHUnC/</
encrypted-password>
    </root-authentication>
    <name-server>
      <name>192.168.5.68</name>
    </name-server>
    <name-server>
      <name>172.17.28.101</name>
    </name-server>
    <name-server>
      <name>172.17.28.100</name>
    </name-server>
    <radius-server>
```



```

        <name>192.168.69.162</name>
        <secret>$9$N0-YoDjq.PT4oZjik5T369pBlhSIL7dCtKWLNws</secre
et>
    </radius-server>
    <radius-server>
        <name>192.168.60.52</name>
        <secret>$9$peFVuRSvMXxNVcSlMWLdVYgoGikmfQ9t0aZF69pIl</se
cret>
    </radius-server>
    <radius-server>
        <name>192.168.64.10</name>
        <secret>$9$oeajqTQn69tkqPQz3AtO1RSev8XNY4JEcdwYoUD</secre
et>
    </radius-server>
    <radius-server>
        <name>192.168.60.55</name>
        <secret>$9$4.oDk5T3n/AHkmTQFCA0BicIKWL7sgaRh-bs4GU</secre
et>
    </radius-server>
    <radius-server>
        <name>192.168.4.240</name>
        <secret>$9$Y02ZjmPQz3/DjkPfT6/tuORSrKMLVsgBlx-VYaj</secre
et>
    </radius-server>
    <tacplus-server>
        <name>192.168.5.73</name>
        <secret>$9$Swge87g4Zk.5s2DkPQ9CcyIKMX</secret>
        <timeout>15</timeout>
        <single-connection/>
    </tacplus-server>
    <login>
        <class>
            <name>wheel</name>
            <permissions>admin</permissions>
            <permissions>clear</permissions>
            <permissions>field</permissions>
            <permissions>floppy</permissions>
            <permissions>interface</permissions>
            <permissions>maintenance</permissions>
            <permissions>network</permissions>
            <permissions>reset</permissions>
            <permissions>routing</permissions>
            <permissions>shell</permissions>
            <permissions>snmp</permissions>
            <permissions>system</permissions>
            <permissions>trace</permissions>
            <permissions>view</permissions>
        </class>
        <class>
            <name>readonly</name>
            <permissions>interface</permissions>
            <permissions>network</permissions>
            <permissions>routing</permissions>
            <permissions>system</permissions>
            <permissions>trace</permissions>
            <permissions>view</permissions>

```

```
</class>
<user>
  <name>user</name>
  <uid>928</uid>
  <class>superuser</class>
  <undocumented><shell>csh</shell></undocumented>
  <authentication>
    <encrypted-password>$1$kPU..$w.4FGRAGanJ8U4Yq6sb
j7.</encrypted-password>
  </authentication>
</user>
</login>
<services>
  <finger>
</finger>
  <ftp>
</ftp>
  <undocumented><rlogin>
</rlogin></undocumented>
  <undocumented><rsh>
</rsh></undocumented>
  <ssh>
</ssh>
  <telnet>
</telnet>
  <xnm-clear-text>
</xnm-clear-text>
</services>
<syslog>
  <user>
    <name>*</name>
    <contents>
      <name>any</name>
      <emergency/>
    </contents>
  </user>
  <host>
    <name>log</name>
    <contents>
      <name>kernel</name>
      <info/>
    </contents>
    <contents>
      <name>any</name>
      <notice/>
    </contents>
    <contents>
      <name>pfe</name>
      <info/>
    </contents>
    <contents>
      <name>interactive-commands</name>
      <any/>
    </contents>
  </host>
</file>
```

```

    <name>messages</name>
    <contents>
      <name>kernel</name>
      <info/>
    </contents>
    <contents>
      <name>any</name>
      <notice/>
    </contents>
    <contents>
      <name>authorization</name>
      <info/>
    </contents>
    <contents>
      <name>pfe</name>
      <info/>
    </contents>
    <archive>
      <world-readable/>
    </archive>
  </file>
  <file>
    <name>security</name>
    <contents>
      <name>interactive-commands</name>
      <any/>
    </contents>
    <archive>
      <world-readable/>
    </archive>
  </file>
</syslog>
<processes>
  <routing>
    <undocumented><enable/></undocumented>
  </routing>
  <ntp>
    <undocumented><enable/></undocumented>
  </ntp>
  <undocumented><management>
    <enable/>
  </management></undocumented>
  <watchdog>
    <enable/>
  </watchdog>
  <daemon-process>
    <name>snmp</name>
    <undocumented><enable/></undocumented>
  </daemon-process>
  <daemon-process>
    <name>inet-process</name>
    <undocumented><enable/></undocumented>
  </daemon-process>
  <daemon-process>
    <name>mib-process</name>
    <undocumented><enable/></undocumented>

```

```

        </daemon-process>
    </processes>
    <ntp>
        <boot-server>172.17.28.5</boot-server>
        <server>
            <name>172.17.28.5</name>
        </server>
    </ntp>
</system>
<chassis>
    <undocumented><dump-on-panic/></undocumented>
</chassis>
<interfaces>
    <interface>
        <name>lo0</name>
        <unit>
            <name>0</name>
            <family>
                <inet>
                    <address>
                        <name>127.0.0.1/32</name>
                        <primary/>
                    </address>
                </inet>
            </family>
        </unit>
    </interface>
</interfaces>
<snmp>
    <location>Systest lab</location>
    <contact>Jay Lloyd</contact>
    <interface>fxp0.0</interface>
    <community>
        <name>public</name>
        <authorization>read-only</authorization>
    </community>
    <community>
        <name>private</name>
        <authorization>read-write</authorization>
    </community>
</snmp>
<routing-options>
    <static>
---(more)---

```

Get Modified Configuration Details

This request is used to retrieve the XML form of configuration parameters and statements that are to be deployed on a device

URI	/api/sgd/configmanager/transactionmgmt/ getconfigdetails/{transId}/{sdgId}/{hostId}/modifiedConfig
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.configmanager.transactionmgmt.getconfigdetails.{transId}. {sdgId}/{hostId}.modifiedConfig+json; version=1; charset=UTF-8
Consumes	None
Produces	Displays the configuration parameters and statements that are to be deployed on a device

Response Status Code

Message	Description
200 OK	Successful display of configuration parameters and statements that are to be deployed on a device

Output

Sample JSON Output

```
<configuration>
<extensions>
<adc>
<adc-instance>
<name>lb1</name>
<real-servers>
<real>
<name>DNS1</name>
<health-check>
<interval>4</interval>
</health-check>
</real>
</real-servers>
</adc-instance>
</adc>
</extensions>
</configuration>
```

Get Configuration Difference Details

This request is used to retrieve the XML form of the differential set of configuration statements and attributes to be deployed on a device

URI	/api/configmanager/transactionmgmt/getconfigdiff/{transId}/{sdgId}/{hostId}.configDiff
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.configmanager.transactionmgmt.getconfigdetails.{transId}. {sdgId}/{hostId}.configDiff+json; version=1; charset=UTF-8
Consumes	None

Produces

Displays the differential set of configuration statements and attributes to be deployed on a device

Response Status Code

Message	Description
200 OK	Successful display of the differential set of configuration statements and attributes to be deployed on a device

Output

Sample JSON Output

```
<configuration>
  <extensions>
    <adc>
      <adc-instance>
        <name>lb1</name>
        <real-servers>
          <real>
            <name>DNS1</name>
            <health-check>
              <interval>4</interval>
            </health-check>
          </real>
        </real-servers>
      </adc-instance>
    </adc>
  </extensions>
</configuration>
```

Monitoring RESTful Web Services

- [Monitoring RESTful Web Services on page 773](#)

Monitoring RESTful Web Services

The following operations can be performed using the Edge Services Director Monitoring RESTful Web Services.

Get Chassis Details of an SDG Host

This request is used to retrieve details of the configuration on an SDG host chassis.

URI	/api/sgd/monitoring/sgd-monitor/hostchassisdetails/sanity-service-gateway(sgd-name)
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring.sgd-monitor.hostchassisdetails.sanity-service-gateway(sgd-name)+json;version=1;charset=UTF-8
Consumes	None
Produces	Collects chassis information of an SDG host

Response Status Code

Message	Description
200 OK	Successful collection of chassis information of an SDG host

Output

Sample JSON Output

```
{
  "response": {
    "data": {
      "id": 32892,
      "MOID":
"net.juniper.jmp.sgd.discovery.inventory.device.datamodel.jpa.SDGHostEntity:32892",
```

```

    "name": "mobst480w",
    "haType": "MASTER",
    "haIndex": "MASTER1",
    "slots": [
      {
        "MOID": "net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327775",
        "name": "FPC 0",
        "displayName": "MS-DPC",
        "model": "MS-DPC",
        "partNum": "750-024064",
        "serial": "ZL4601",
        "status": "Online",
        "slotIndex": 0,
        "slotType": "FPC",
        "attributes": {
          "entry": [
            {
              "key": "PIC 0",
              "value": "MS-DPC PIC"
            },
            {
              "key": "PIC 1",
              "value": "MS-DPC PIC"
            },
            {
              "key": "CPU",
              "value": "DPC PMB"
            }
          ]
        }
      }
    ],
    {
      "MOID": "net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327783",
      "name": "FPC 1",
      "displayName": "MS-DPC",
      "model": "MS-DPC",
      "partNum": "750-024064",
      "serial": "YN4536",
      "status": "Online",
      "slotIndex": 1,
      "slotType": "FPC",
      "attributes": {
        "entry": [
          {
            "key": "PIC 0",
            "value": "MS-DPC PIC"
          },
          {
            "key": "PIC 1",
            "value": "MS-DPC PIC"
          },
          {
            "key": "CPU",
            "value": "DPC PMB"
          }
        ]
      }
    }
  ]
}

```



```

    }
  },
  {
    "MOID": "net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327791",
    "name": "FPC 2",
    "displayName": "MS-DPC",
    "model": "MS-DPC",
    "partNum": "750-024064",
    "serial": "CABH5741",
    "status": "Online",
    "slotIndex": 2,
    "slotType": "FPC",
    "attributes": {
      "entry": [
        {
          "key": "PIC 0",
          "value": "MS-DPC PIC"
        },
        {
          "key": "PIC 1",
          "value": "MS-DPC PIC"
        },
        {
          "key": "CPU",
          "value": "DPC PMB"
        }
      ]
    }
  },
  {
    "MOID": "net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327799",
    "name": "FPC 3",
    "displayName": "MX-MPC2-3D-EQ",
    "model": "MX-MPC2-3D-EQ",
    "partNum": "750-031090",
    "serial": "YY4714",
    "status": "Online",
    "slotIndex": 3,
    "slotType": "FPC",
    "attributes": {
      "entry": [
        {
          "key": "MIC 0",
          "value": "3D 20x 1GE(LAN) SFP"
        },
        {
          "key": "CPU",
          "value": "MPC PMB 2G"
        },
        {
          "key": "QXM 1",
          "value": "MPC QXM"
        },
        {
          "key": "QXM 0",
          "value": "MPC QXM"
        }
      ]
    }
  }
}

```

```

    }
  ]
}
},
{
  ""MOID"": ""net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327817"",
  ""name"": ""FPC 4"",
  ""displayName"": ""MPC-3D-16XGE-SFPP"",
  ""model"": ""MPC-3D-16XGE-SFPP"",
  ""partNum"": ""750-028467"",
  ""serial"": ""CABG9928"",
  ""status"": ""Online"",
  ""slotIndex"": 4,
  ""slotType"": ""FPC"",
  ""attributes"": {
    ""entry"": [
      {
        ""key"": ""PIC 2"",
        ""value"": ""4x 10GE(LAN) SFP+""
      },
      {
        ""key"": ""PIC 3"",
        ""value"": ""4x 10GE(LAN) SFP+""
      },
      {
        ""key"": ""PIC 0"",
        ""value"": ""4x 10GE(LAN) SFP+""
      },
      {
        ""key"": ""PIC 1"",
        ""value"": ""4x 10GE(LAN) SFP+""
      },
      {
        ""key"": ""CPU"",
        ""value"": ""AMPC PMB""
      }
    ]
  }
},
{
  ""MOID"": ""net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327851"",
  ""name"": ""FPC 5"",
  ""displayName"": ""MPC-3D-16XGE-SFPP"",
  ""model"": ""MPC-3D-16XGE-SFPP"",
  ""partNum"": ""750-028467"",
  ""serial"": ""YW8190"",
  ""status"": ""Online"",
  ""slotIndex"": 5,
  ""slotType"": ""FPC"",
  ""attributes"": {
    ""entry"": [
      {
        ""key"": ""PIC 2"",
        ""value"": ""4x 10GE(LAN) SFP+""
      },
      {

```

```

        ""key"": ""PIC 3"",
        ""value"": ""4x 10GE(LAN) SFP+""
    },
    {
        ""key"": ""PIC 0"",
        ""value"": ""4x 10GE(LAN) SFP+""
    },
    {
        ""key"": ""PIC 1"",
        ""value"": ""4x 10GE(LAN) SFP+""
    },
    {
        ""key"": ""CPU"",
        ""value"": ""AMPC PMB""
    }
]
}
},
{
    ""MOID"": ""net.juniper.jmp.cems.shared.jpa.EquipmentHolderEntity:327747"",
    ""name"": ""Routing Engine 0"",
    ""displayName"": ""RE 0"",
    ""model"": ""RE-S-1800X4-16G-S"",
    ""partNum"": ""740-031116"",
    ""serial"": 9009079894,
    ""status"": ""Online"",
    ""slotIndex"": 0,
    ""slotType"": ""SCB"",
    ""attributes"": {
        ""entry"": [
            {
                ""key"": ""usb0 (addr 2)"",
                ""value"": ""uhub1""
            },
            {
                ""key"": ""DIMM 3"",
                ""value"": """"
            },
            {
                ""key"": ""usb0 (addr 1)"",
                ""value"": ""uhub0""
            },
            {
                ""key"": ""DIMM 1"",
                ""value"": """"
            },
            {
                ""key"": ""ad0"",
                ""value"": ""Compact Flash(disk-size 3896)""
            },
            {
                ""key"": ""DIMM 2"",
                ""value"": """"
            },
            {
                ""key"": ""ad1"",

```

```

    ""value"": ""Disk 1 (disk-size 30533)""
  },
  {
    ""key"": ""DIMM 0"",
    ""value"": ""
  }
]
}
},
{
  ""MOID"": ""net.juniper.jsp.cems.shared.jpa.EquipmentHolderEntity:327765"",
  ""name"": ""Routing Engine 1"",
  ""displayName"": ""RE 1"",
  ""model"": ""RE-S-1800X4-8G-S"",
  ""partNum"": ""740-031118"",
  ""serial"": 9009079801,
  ""status"": ""Online"",
  ""slotIndex"": 1,
  ""slotType"": ""SCB"",
  ""attributes"": {
    ""entry"": [
      {
        ""key"": ""ad0"",
        ""value"": ""Compact Flash(disk-size 3896)""
      },
      {
        ""key"": ""ad1"",
        ""value"": ""Disk 1 (disk-size 30533)""
      }
    ]
  }
}
},
{
  ""sgdName"": ""mobst480w"",
  ""deviceId"": 131086,
  ""serviceDetails"": [
    {
      ""serviceType"": ""ADC"",
      ""slotNumber"": 0,
      ""hostName"": ""mobst480w"",
      ""servicePic"": ""ms-0/0/0"",
      ""instanceNames"": ["b1"]
    },
    {
      ""serviceType"": ""CGNAT"",
      ""slotNumber"": 2,
      ""hostName"": ""mobst480w"",
      ""servicePic"": ""sp-2/0/0.1000, sp-2/0/0.100"",
      ""instanceNames"": ""NAPT44-SS1""
    },
    {
      ""serviceType"": ""CGNAT"",
      ""slotNumber"": 2,
      ""hostName"": ""mobst480w"",
      ""servicePic"": ""sp-2/1/0.1000, sp-2/1/0.100"",
      ""instanceNames"": ""NAPT44-SS2""
    }
  ]
}

```

```

    },
    {
      "serviceType": "SFW",
      "slotNumber": 1,
      "hostName": "mobst480w",
      "servicePic": "sp-1/1/0.100, sp-1/1/0.99",
      "instanceNames": "IPv6-SFW"
    },
    {
      "serviceType": "TLB",
      "slotNumber": 1,
      "hostName": "mobst480w",
      "servicePic": "ms-1/0/0.0",
      "instanceNames": "tlb_sdg"
    },
    {
      "serviceType": "TLB",
      "slotNumber": 1,
      "hostName": "mobst480w",
      "servicePic": "ms-1/0/0.0",
      "instanceNames": "tlb_sdg_v6"
    }
  ],
  "haStatus": false,
  "masterHostMOID":
    "net.juniper.jmp.sgd.discovery.inventory.device.datamodel.jpa.SDGHostEntity:32892",

  "masterHostName": "mobst480w",
  "sdgMOID":
    "net.juniper.jmp.sgd.discovery.inventory.device.datamodel.jpa.SDGEntity:33139",
  "sdgName": "mobst480w",
  "sdgid": 33139
}
}

```

Get the Number of Alarms for an SDG Host

This request is used to retrieve the number of alarms generated for a particular SDG device.

URI	/api/sgd/monitoring/sdg-monitor/alarmsCount/ (SDGHostEntity)
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sdg-monitor.alarmsCount.(SDGHostEntity) +json;version=1;charset=UTF-8
Consumes	None
Produces	Collects alarms generated for an SDG host

Response Status Code

Message	Description
200 OK	Successful collection of alarms generated for an SDG host

Output

Sample JSON Output

```
{ "alarmcount" : { "criticalCount" : 5,
                  "majorCount" : 6,
                  "minorCount" : 0
                } }
```

Get Details for an SDG Host

This request is used to retrieve details of the configuration on an SDG host.

URI	/api/sgd/monitoring/sgd-monitor/hostDetails/ (SDGHostEntity)? sgdName=sanity-service-gateway
HTTP Method	GET
Content-Type	aapplication/vnd.net.juniper.space.monitoring. sgd-monitor.hostDetails.(SDGHostEntity)? sgdName=sanity-service-gateway +json;version=1;charset=UTF-8
Parameters	sgdName,includeTrend
Consumes	None
Produces	Collects information of an SDG host

Response Status Code

Message	Description
200 OK	Successful collection of information of an SDG host

Output

Sample JSON Output

```
{
  "SGDHostDetails": {
    "trendDataMap": "",
    "sgdName": "mobst480w",
    "hostName": "mobst480w",
    "managelp": "10.213.2.219",
    "status": "up",
    "softwareVersion": "12.1X43.11",
    "family": "MX480",
    "upTimeSince": "Host uptime not available"
  }
}
```

```
}  
}"
```

Get the Trend of Alarms Count for an SDG Host

This request is used to retrieve the alarms count trend for an SDG host.

URI	/api/sgd/monitoring/sdg-monitor/alarmsCountTrend/deviceId?interval=LAST_6_HRS
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring.sdg-monitor.alarmsCountTrend.deviceId?interval=LAST_6_HRS+json;version=1;charset=UTF-8
Parameters	interval,serviceType,instanceName
Consumes	None
Produces	Collects the alarms count trend

Response Status Code

Message	Description
200 OK	Successful collection of alarms count trend

Output

Sample JSON Output

```
[ { "alarmcount" : { "criticalCount" : 6,  
  "majorCount" : 0,  
  "minorCount" : 0,  
  "time" : "2014-11-18T09:30:02Z"  
} },  
  { "alarmcount" : { "criticalCount" : 5,  
    "majorCount" : 0,  
    "minorCount" : 1,  
    "time" : "2014-11-18T09:40:02Z"  
} },  
  { "alarmcount" : { "criticalCount" : 6,  
    "majorCount" : 6,  
    "minorCount" : 0,  
    "time" : "2014-11-18T09:50:02Z"  
} },  
  { "alarmcount" : { "criticalCount" : 6,  
    "majorCount" : 6,  
    "minorCount" : 0,  
    "time" : "2014-11-18T10:00:02Z"  
} },  
  { "alarmcount" : { "criticalCount" : 6,  
    "majorCount" : 6,
```

```

        "minorCount" : 0,
        "time" : "2014-11-18T10:10:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 6,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T10:20:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 6,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T10:30:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 5,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T10:40:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 5,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T10:50:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 5,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T11:00:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 5,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T11:10:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 5,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T11:20:02Z"
    } },
    { "alarmcount" : { "criticalCount" : 3,
        "majorCount" : 6,
        "minorCount" : 0,
        "time" : "2014-11-18T11:30:02Z"
    } }
    ]

```

Get Service Status Trend for an SDG Host

This request is used to retrieve the service status trend for an SDG host.

URI	/api/sgd/monitoring/sgd-monitor/serviceStatusTrend? sgdName=MonitoringSDG-Sanity&interval =LAST_24_HRS(sgd-name)
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.monitoring.sdg-monitor.serviceStatusTrend?sgdName=MonitoringSDG-Sanity&interval=LAST_24_HRS(sgd-name)+json;version=1;charset=UTF-8
Parameters	instanceName
Consumes	None
Produces	Collects the service status trend for an SDG host

Response Status Code

Message	Description
200 OK	Successful collection of the service status trend for an SDG host

Output

Sample JSON Output

```
{ "kpiGroupTrendData": { "kpiNames": [ "ADC",
    "CGNAT",
    "SFW",
    "TLB"
  ],
  "trendData": [ { "date": "2014-11-18T09:30:04Z",
    "values": [ "red",
      "red",
      "red",
      "green"
    ]
  },
  { "date": "2014-11-18T09:40:04Z",
    "values": [ "red",
      "red",
      "red",
      "green"
    ]
  },
  { "date": "2014-11-18T09:50:04Z",
    "values": [ "red",
      "red",
      "red",
      "green"
    ]
  },
  { "date": "2014-11-18T10:00:04Z",
    "values": [ "red",
      "red",
      "red",
      "green"
    ]
  },
  { "date": "2014-11-18T10:10:04Z",
```

```
    "values": [ "red",
                "red",
                "red",
                "green"
              ]
    },
    { "date": "2014-11-18T10:20:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T10:30:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T10:40:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T10:50:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:00:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:10:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:20:04Z",
      "values": [ "red",
                  "red",
                  "red",
                  "green"
                ]
    }
  ],
}
```

```
"valueDataType" : "String"
}}

```

Get the HA Switchover Trend of an SDG Host

This request is used to retrieve the high availability (HA) switchover trend in a redundancy pair of devices.

URI	/api/sgd/monitoring/sdg-monitor/haswitchover/sanity-service-gateway?interval=LAST_24_HRS&sdgHosts=hostName
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring.sdg-monitor.haswitchover.sanity-service-gateway?interval=LAST_24_HRS&sdgHosts=hostName+json;version=1;charset=UTF-8
Parameters	interval,sgdHosts
Consumes	None
Produces	Collects the HA switchover status trend for an SDG host

Response Status Code

Message	Description
200 OK	Successful collection of HA switchover status trend for an SDG host

Output

Sample JSON Output

```
{ "haswitchoverTrendData" : { "sgdHosts" : "mobst480w",
  "trendData" : [ { "date" : "2014-11-19T03:20:00Z",
    "values" : 1
  },
  { "date" : "2014-11-19T03:30:00Z",
    "values" : 1
  },
  { "date" : "2014-11-19T03:40:00Z",
    "values" : 1
  },
  { "date" : "2014-11-19T03:50:00Z",
    "values" : 1
  },
  { "date" : "2014-11-19T04:00:00Z",
    "values" : 1
  },
  { "date" : "2014-11-19T04:10:00Z",
    "values" : 1
  },
  }
}

```

```

    { "date": "2014-11-19T04:20:00Z",
      "values": 1
    },
    { "date": "2014-11-19T04:30:00Z",
      "values": 1
    },
    { "date": "2014-11-19T04:40:00Z",
      "values": 1
    },
    { "date": "2014-11-19T04:50:00Z",
      "values": 1
    }
  ],
  "valueDataType": "String"
}

```

Get the HA KPI Trend of an SDG Host

This request is used to retrieve the high availability KPI trend of an SDG host.

URI	/api/sgd/monitoring/sgd-monitor/hostHaKpiTrend ?sgdName=MonitoringSDG-Sanity &interval=LAST_24_HRS(sgd-name)
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sgd-monitor.hostHaKpiTrend ?sgdName=MonitoringSDG-Sanity &interval=LAST_24_HRS(sgd-name)+json;version=1;charset=UTF-8
Parameters	sgdName, interval
Consumes	None
Produces	Collects high availability KPI trend of an SDG host.

Response Status Code

Message	Description
200 OK	Successful collection of high availability KPI trend of an SDG host.

Output

Sample JSON Output

```

{ "kpiGroupTrendData": { "kpiNames": [ "vrrpStatus",
  "icLLinkStatus",
  "adcVIPRouteStatus",
  "cgnatDefaultRouteStatus",
  "dmzLinkStatus"
],
  "trendData": [ { "date": "2014-11-18T09:30:00Z",
    "values": [ "green",

```

```
        "green",
        "red",
        "red",
        "green"
    ]
},
{ "date": "2014-11-18T09:40:00Z",
  "values": [ "green",
              "green",
              "red",
              "red",
              "green"
            ]
},
{ "date": "2014-11-18T09:50:00Z",
  "values": [ "green",
              "green",
              "red",
              "red",
              "green"
            ]
},
{ "date": "2014-11-18T10:00:00Z",
  "values": [ "green",
              "green",
              "red",
              "red",
              "green"
            ]
},
{ "date": "2014-11-18T10:10:00Z",
  "values": [ "green",
              "green",
              "red",
              "red",
              "green"
            ]
},
{ "date": "2014-11-18T10:20:00Z",
  "values": [ "green",
              "green",
              "red",
              "red",
              "green"
            ]
},
{ "date": "2014-11-18T10:30:00Z",
  "values": [ "green",
              "green",
              "red",
              "red",
              "green"
            ]
},
{ "date": "2014-11-18T10:40:00Z",
  "values": [ "green",
```

```
        "green",
        "red",
        "red",
        "green"
      ]
    },
    { "date": "2014-11-18T10:50:00Z",
      "values": [ "green",
                  "green",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:00:00Z",
      "values": [ "green",
                  "green",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:10:00Z",
      "values": [ "green",
                  "green",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:20:00Z",
      "values": [ "green",
                  "green",
                  "red",
                  "red",
                  "green"
                ]
    },
    { "date": "2014-11-18T11:30:00Z",
      "values": [ "green",
                  "green",
                  "red",
                  "red",
                  "green"
                ]
    }
  ],
  "valueDataType": "String"
}
```

Get Ticker Details of an SDG Host

This request is used to retrieve an SDG host ticker information.

URI	/api/sgd/monitoring/sgd-monitor/hostTicker/ sanity-service-gateway?&interval=LAST_6_HRS& sdhHost=hostName
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sgd-monitor.hostTicker. sanity-service-gateway?&interval=LAST_6_HRS& sdhHost=hostName+json;version=1;charset=UTF-8
Parameters	sgdHost, interval
Consumes	None
Produces	Collects an SDG host ticker information

Response Status Code

Message	Description
200 OK	Successful collection of an SDG host ticker information.

Output

Sample JSON Output

```
{ "response": { "data": [ { "log": "<p>\n\t\t\t\tUser defined threshold event:
sfwPacketDropStatusThreshold trap received \n\t\t\t\tService Instance
Name=IPv6-SFW \t\t\t\t\n\t\t\t\tKPI Name =sfwPacketDropStatus \t</p>",
  "message": "User defined threshold event: there is CPU limit, memory limit and
flow limit packet drops ",
  "time": 1416309774000
},
{ "log": "<p>\n\t\t\t\tUser defined threshold event: realServerUpThreshold trap
received \n\t\t\t\tService Instance Name=adc_lb \t\t\t\t\n\t\t\t\tKPI Name
=adcRealServerStatus \n\t\t\t\tThreshold Value =30.0\n\t\t\t\tCurrent Value =0.0
</p>",
  "message": "User defined threshold event: Less than 30.0% of configured real
servers are up",
  "time": 1416308578000
},
{ "log": "<p>\n\t\t\t\tUser defined threshold event:
sfwServicePICStatusDownThreshold trap received \n\t\t\t\tService Instance Name=
NAPT44-SSI \t\t\t\t\n\t\t\t\tKPI Name =sfwServicePICStatus \n\t\t\t\tService PIC
Name =sp-2/0/0 \t </p>",
  "message": "User defined threshold event: service PIC sp-2/0/0 is down",
  "time": 1416308578000
},
{ "log": "<p>\n\t\t\t\tUser defined HA threshold event: sgdVRRPStatusThreshold
trap received \n\t\t\t\tKPI Name = sgdMasterVRRPStatus \t </p>"
}
```

```
{
    "message": "User defined threshold event: VRRP HA status is incorrect ",
    "time": 1416308578000
},
{ "log": "<p>\n\t\t\t\t\tUser defined threshold event:
sfwServicePICStatusDownThreshold trap received \n\t\t\t\t\tService Instance Name=
NAPT44-SS2 \t\t\t\t\tKPI Name =sfwServicePICStatus \n\t\t\t\t\tservice PIC
Name =sp-2/1/0 \t </p>",
    "message": "User defined threshold event: service PIC sp-2/1/0 is down",
    "time": 1416308577000
},
{ "log": "<p>\n\t\t\t\t\tUser defined HA threshold event: sdgVRRPStatusThreshold
trap received \n\t\t\t\t\tKPI Name = sdgMasterVRRPStatus \t </p>",
    "message": "User defined threshold event: VRRP HA status is incorrect ",
    "time": 1416305580000
}
],
"schemaName": "TickerMessageTO",
"success": true,
"totalRows": 17
}
```

Get Master SDG Host Details

This request is used to retrieve details of the configuration on a master SDG device in a high availability pair of devices.

URI	/api/sgd/monitoring/sgd-monitor/hostDetails/{\$MASTER_SDGHOSTMO_ID}?sgdName={sgdname}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring.sgd-monitor.hostDetails.{ \$MASTER_SDGHOSTMO_ID }?sgdName={sgdname}+json;version=1; charset=UTF-8
Parameters	sgdName
Consumes	None
Produces	Collects master SDG host configuration details.

Response Status Code

Message	Description
200 OK	Successful collection of master SDG host configuration details.

Output

Sample JSON Output

```
{ "SGDHostDetails": { "family": "MX480",
  "hostName": "10.2.1.25",
  "managelp": "10.2.1.25",
  "sgdName": "fmTesting",
```



```
"softwareVersion" : "12.1X43.8",
"status" : "up",
"trendDataMap" : "",
"upTimeSince" : "99 days, 1:48"
} }
```

Get ADC Service Instance Details

This request is used to retrieve details of the ADC service template configuration.

URI	/api/sgd/monitoring/sdg-monitor/adc/ {\$SDGMO_ID} ?instanceName={ADCInstanceName}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sdg-monitor.adc/{\$SDGMO_ID} ?instanceName={ADCInstanceName}+json; version=1;charset=UTF-8
Parameters	instanceName, includeTrend
Consumes	None
Produces	Collects information about an ADC service instance

Response Status Code

Message	Description
200 OK	Successful collection of ADC service instance details.

Output

Sample JSON Output

```
{ "adcMonitorData" : { "ipV4RealServerCount" : 0,
"ipV4RealServersDownCount" : 0,
"ipV4RealServersUpCount" : 0,
"ipV4VipCount" : 0,
"ipV4VipDownCount" : 0,
"ipV6RealServerCount" : 0,
"ipV6RealServersDownCount" : 0,
"ipV6RealServersUpCount" : 0,
"ipV6VipDownCount" : 0,
"ipV6VipUpCount" : 0,
"ipV6VipCount" : 0,
"ipV6VipUpCount" : 0,
"serviceInstanceName" : "adc_lb",
"serviceInstanceStatus" : true,
"serviceInstanceType" : "ADC",
"servicePicName" : "ms-0/1/0",
"servicePicStatus" : "Up",
```

```
"trendDataMap" : ""  
} }
```

Get CGNAT Service Instance Details

This request is used to retrieve details of the CGNAT service template configuration.

URI	/api/sgd/monitoring/sdg-monitor/cgnat/ {\$SDGMO_ID}?instanceName={CGNATInstanceName}
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring sdg-monitor.cgnat.{\$SDGMO_ID} ?instanceName={CGNATInstanceName}+json; version=1;charset=UTF-8
Parameters	instanceName, includeTrend
Consumes	None
Produces	Collects information about a CGNAT service instance

Response Status Code

Message	Description
200 OK	Successful collection of CGNAT service instance details.

Output

Sample JSON Output

```
{ "cgnatMonitorData" : { "createdFlowsPerSec" : 0,  
  "deletedFlowsPerSec" : 0,  
  "peakTotalFlowsActive" : 1104,  
  "serviceInstanceName" : "NAPT44-SS2",  
  "serviceInstanceStatus" : true,  
  "serviceInstanceType" : "CGNAT",  
  "servicePicName" : "sp-2/1/0",  
  "servicePicStatus" : "Up",  
  "totalFlowsActive" : 1100,  
  "trendDataMap" : ""  
} }
```

Get TLB Service Instance Details

This request is used to retrieve details of the TLB service template configuration.

URI	/api/sgd/monitoring/sdg-monitor/tlb/ {\$SDGMO_ID}?instanceName ={TLBInstanceName}
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.monitoring.sdg-monitor.tlb.{SDGMO_ID} ?instanceName={TLBInstanceName}+json; version=1; charset=UTF-8
Parameters	instanceName, includeTrend
Consumes	None
Produces	Collects information about a TLB service instance

Response Status Code

Message	Description
200 OK	Successful collection of TLB service instance details.

Output

Sample JSON Output

```
{ "tlbMonitorData" : { "ipV4RealServerCount" : 220,  
  "ipV4RealServersDownCount" : 10,  
  "ipV4RealServersUpCount" : 210,  
  "ipV6RealServerCount" : 0,  
  "ipV6RealServersDownCount" : 0,  
  "ipV6RealServersUpCount" : 0,  
  "ipv4RealServerDownList" : [ "rs1",  
    "rs10",  
    "rs2",  
    "rs3",  
    "rs4",  
    "rs5",  
    "rs6",  
    "rs7",  
    "rs8",  
    "rs9"  
  ],  
  "ipv4RealServerUpList" : [ "rs100",  
    "rs101",  
    "rs102",  
    "rs103",  
    "rs104",  
    "rs105",  
    "rs106",  
    "rs107",  
    "rs108",  
    "rs109",  
    "rs11",  
    "rs110",  
    "rs111",  
    "rs112",  
    "rs113",  
    "rs114",  
    "rs115",  
    "rs116",
```

"rs117",
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    "rs76",
    "rs77",
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    "rs79",
    "rs80",
    "rs81",
    "rs82",
    "rs83",
    "rs84",
    "rs85",
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    "rs89",
    "rs90",
    "rs91",
    "rs92",
    "rs93",
    "rs94",
    "rs95",
    "rs96",
    "rs97",
    "rs98",
    "rs99"
  ],
  "routeHoldTimer" : 180,
  "serviceInstanceName" : "tlb_sdg",
  "serviceInstanceStatus" : true,
  "serviceInstanceType" : "TLB",
  "servicePicName" : "ms-1/0/0",
  "servicePicStatus" : "Up",
  "trendDataMap" : ""
} }
```

Get Stateful Firewall Service Instance Details

This request is used to retrieve details of the stateful firewall (SFW) service template configuration.

URI	/api/sgd/monitoring/sdg-monitor/sfw/{\$SDGMO_ID} ?instanceName={SFWInstanceName}
HTTP Method	GET

Content-Type

application/vnd.net.juniper.space.monitoring.


```
sdg-monitor.sfw.${SDGMO_ID}
?instanceName={SFWInstanceName}+json;version=1;
charset=UTF-8
```

Parameters	instanceName, includeTrend
Consumes	None
Produces	Collects information about an SFW service instance

Response Status Code

Message	Description
200 OK	Successful collection of SFW service instance details.

Output

Sample JSON Output

```
{ "sfwMonitorData" : { "createdFlowsPerSec" : 0,
  "deletedFlowsPerSec" : 0,
  "peakTotalFlowsActive" : 900,
  "serviceInstanceName" : "NAPT44-SS1",
  "serviceInstanceStatus" : true,
  "serviceInstanceType" : "SFW",
  "servicePicName" : "sp-2/0/0",
  "servicePicStatus" : "Up",
  "totalFlowsActive" : 900,
  "trendDataMap" : ""
} }
```

Get Service Ticker Details

This request is used to retrieve the service ticker details.

URI	/api/sgd/monitoring/sdg-monitor/serviceTicker/ serviceTicker/sanity-service-gateway(sgd-name)
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sdg-monitor.serviceTicker. serviceTicker/sanity-service-gateway(sgd-name) +json;version=1;charset=UTF-8
Parameters	serviceType,instanceName,interval
Consumes	None
Produces	Collects the service ticker information

Response Status Code

Message	Description
200 OK	Successful collection of a service ticker information.

Output

Sample JSON Output

```
{ "response": { { "data": " { \"log\" : \"<p>\n\\t\\t\\tUser defined threshold event:\ncgnatMemoryZoneStatusThreshold trap received \\n\\t\\t\\tService Instance\nName=NAPT44-SS1 \\t\\t\\t\\n\\t\\t\\tKPI Name =cgnatMemoryZoneStatus \\t</p>\",  
  \"message\" : \"User defined threshold event: memory usage is in threshold zone \",  
  \"time\" : 1416371492000  
},  
  { \"log\" : \"<p>\n\\t\\t\\tUser defined threshold event:\ncgnatMemoryZoneStatusThreshold trap received \\n\\t\\t\\tService Instance\nName=NAPT44-SS1 \\t\\t\\t\\n\\t\\t\\tKPI Name =cgnatMemoryZoneStatus \\t</p>\",  
  \"message\" : \"User defined threshold event: memory usage is in threshold zone \",  
  \"time\" : 1416368490000  
},  
  { \"log\" : \"<p>\n\\t\\t\\tUser defined threshold event:\ncgnatMemoryZoneStatusThreshold trap received \\n\\t\\t\\tService Instance\nName=NAPT44-SS1 \\t\\t\\t\\n\\t\\t\\tKPI Name =cgnatMemoryZoneStatus \\t</p>\",  
  \"message\" : \"User defined threshold event: memory usage is in threshold zone \",  
  \"time\" : 1416365490000  
},  
  { \"log\" : \"<p>\n\\t\\t\\tUser defined threshold event:\ncgnatMemoryZoneStatusThreshold trap received \\n\\t\\t\\tService Instance\nName=NAPT44-SS1 \\t\\t\\t\\n\\t\\t\\tKPI Name =cgnatMemoryZoneStatus \\t</p>\",  
  \"message\" : \"User defined threshold event: memory usage is in threshold zone \",  
  \"time\" : 1416362490000  
},  
  { \"log\" : \"<p>\n\\t\\t\\tUser defined threshold event:\ncgnatMemoryZoneStatusThreshold trap received \\n\\t\\t\\tService Instance\nName=NAPT44-SS1 \\t\\t\\t\\n\\t\\t\\tKPI Name =cgnatMemoryZoneStatus \\t</p>\",  
  \"message\" : \"User defined threshold event: memory usage is in threshold zone \",  
  \"time\" : 1416359490000  
},  
  { \"log\" : \"<p>\n\\t\\t\\tUser defined threshold event:\ncgnatMemoryZoneStatusThreshold trap received \\n\\t\\t\\tService Instance\nName=NAPT44-SS1 \\t\\t\\t\\n\\t\\t\\tKPI Name =cgnatMemoryZoneStatus \\t</p>\",  
  \"message\" : \"User defined threshold event: memory usage is in threshold zone \",  
  \"time\" : 1416356495000  
}  
},  
  \"schemaName\" : \"TickerMessageTO\",  
  \"success\" : true,  
  \"totalRows\" : 6  
} }
```

Get Service Alarms Count

This request is used to retrieve the count of service alarms

URI	/api/sgd/monitoring/sdg-monitor <\$SDGMO_ID>?instanceName=<instanceName>
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sdg-monitor.<\$SDGMO_ID>?instanceName=<instanceName> +json;version=1;charset=UTF-8
Parameters	instanceName
Consumes	None
Produces	Collects the count of service alarms

Response Status Code

Message	Description
200 OK	Successful collection of the count of service alarms

Output

Sample JSON Output

```
{ "alarmcount" : { "criticalCount" : 2,
                  "majorCount" : 0,
                  "minorCount" : 0
                } }
```

Get Alarms

This request is used to retrieve information regarding the alarms generated.

URI	/api/sgd/monitoring/sdg-monitor alarms/<\$SDGMO_ID>?serviceType=<ADC> &instanceName=<instance>
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sdg-monitor.<\$SDGMO_ID>? instanceName=<instanceName> +json;version=1;charset=UTF-8
Parameters	serviceType,instanceName
Consumes	None

Produces	Collects the alarms generated
----------	-------------------------------

Response Status Code

Message	Description
200 OK	Successful collection of details of generated alarms

Output**Sample JSON Output**

```
{ "response": { "data": [ { "alarmid": 167,
  "description": "This notification is generated when memory status is breached",
  "eventparms":
    "value=1.0(string;text),kpiName=cgnatMemoryZoneStatus(string;text),serviceName=NAPT44-SS1(string;text);

    thresholdValue=1.0(string;text)",
  "ipAddress": "10.2.1.25",
  "lasteventtime": 1416372691000,
  "log": "<p>\n\t\t\t\tUser defined threshold event:
cgnatMemoryZoneStatusThreshold trap received \n\t\t\t\tService Instance
Name=NAPT44-SS1 \t\t\t\t\n\t\t\t\tKPI Name =cgnatMemoryZoneStatus \t</p>",
  "nodeid": 15,
  "severity": 7
},
{ "alarmid": 169,
  "description": "This notification is generated when memory status is breached",
  "eventparms":
    "value=1.0(string;text),kpiName=sfwMemoryZoneStatus(string;text),serviceName=NAPT44-SS1(string;text);thresholdValue=1.0(string;text)",
  "ipAddress": "10.2.1.25",
  "lasteventtime": 1416372691000,
  "log": "<p>\n\t\t\t\tUser defined threshold event: sfwMemoryZoneStatusThreshold
trap received \n\t\t\t\tService Instance Name=NAPT44-SS1 \t\t\t\t\n\t\t\t\tKPI Name
=sfwMemoryZoneStatus \t</p>",
  "nodeid": 15,
  "severity": 7
}
],
"schemaName": "AlarmTO",
"success": true,
"totalRows": 2
} }
```

Get the Trend of KPI Groups

This request is used to retrieve the trend of KPI groups.

URI	/api/sgd/monitoring/sdg-monitor kpiGroupTrend/<\$SDGMO_ID>?serviceType=<ADC>&instance Name=<instance>&kpiNames=<KPIs
HTTP Method	GET

Content-Type	application/vnd.net.juniper.space.monitoring.sdg-monitor.kpiGroupTrend/<\$SDGMO_ID>?serviceType=<ADC>&instanceName=<instance>&kpiNames=<KPIs +json;version=1; charset=UTF-8
Parameters	serviceType,instanceName,kpiNames, interval
Consumes	None
Produces	Collects the trend of KPI groups

Response Status Code

Message	Description
200 OK	Successful collection of the trend of KPI groups

Output

Sample JSON Output

```
{ "kpiGroupTrendData": { "kpiNames": "cgnatFlowCount",
  "trendData": [ { "date": "2014-11-19T00:30:00Z",
    "values": 900
  },
  { "date": "2014-11-19T00:40:00Z",
    "values": 900
  },
  { "date": "2014-11-19T00:50:00Z",
    "values": 900
  },
  { "date": "2014-11-19T01:00:00Z",
    "values": 900
  },
  { "date": "2014-11-19T01:10:00Z",
    "values": 900
  },
  { "date": "2014-11-19T01:20:00Z",
    "values": 900
  },
  { "date": "2014-11-19T01:30:00Z",
    "values": 900
  },
  { "date": "2014-11-19T01:40:00Z",
    "values": 900
  },
  { "date": "2014-11-19T01:50:00Z",
    "values": 900
  },
  { "date": "2014-11-19T02:00:00Z",
    "values": 900
  },
  { "date": "2014-11-19T02:10:00Z",
    "values": 900
  },
  ]
}
```

```
{ "date": "2014-11-19T02:20:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T02:30:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T02:40:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T02:50:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T03:00:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T03:10:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T03:20:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T03:30:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T03:40:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T03:50:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T04:00:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T04:10:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T04:20:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T04:30:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T04:40:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T04:50:00Z",  
  "values": 900  
},  
{ "date": "2014-11-19T05:00:00Z",  
  "values": 900  
}  
],  
"valueDataType": "String"  
} }
```

Monitor the SDG Tree

This request is used to verify the SDG tree structure.

URI	/api/sgd/monitoring/sgd-monitor /monitoringsdgtree
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring. sgd-monitor.monitoringsdgtree <KPIs +json;version=1;charset=UTF-8
Consumes	None
Produces	Displays the SDG tree

Response Status Code

Message	Description
200 OK	Successful display of the SDG tree

Output

Sample JSON Output

```
[ { "children" : [ { "children" : [ { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS1",
    "leaf" : true,
    "text" : "NAPT44-SS1",
    "type" : "CGNAT"
  },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS2",
    "leaf" : true,
    "text" : "NAPT44-SS2",
    "type" : "CGNAT"
  },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS3",
    "leaf" : true,
    "text" : "NAPT44-SS3",
    "type" : "CGNAT"
  },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS4",
    "leaf" : true,
    "text" : "NAPT44-SS4",
    "type" : "CGNAT"
  }
] },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&33920&MonitoringSDG-Trend&CGNAT",
    "text" : "CGNAT",
```

```

    "type": "CGNAT"
  },
  { "children": [ { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&33920&MonitoringSDG-Trend&SFW&NAPT44-SS1",
    "leaf": true,
    "text": "NAPT44-SS1",
    "type": "SFW"
  },
    { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&33920&MonitoringSDG-Trend&SFW&NAPT44-SS2",
    "leaf": true,
    "text": "NAPT44-SS2",
    "type": "SFW"
  },
    { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&33920&MonitoringSDG-Trend&SFW&IPv6-SFW",
    "leaf": true,
    "text": "IPv6-SFW",
    "type": "SFW"
  }
  ],
  "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&SFW",
  "text": "SFW",
  "type": "SFW"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&TLB&tlb_sdg_v6",
  "leaf": true,
  "text": "tlb_sdg_v6",
  "type": "TLB"
},
  { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&TLB&tlb_sdg",
  "leaf": true,
  "text": "tlb_sdg",
  "type": "TLB"
}
],
  "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&TLB",
  "text": "TLB",
  "type": "TLB"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&ADC&adc_lb",
  "leaf": true,
  "text": "adc_lb",
  "type": "ADC"
}
],
  "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&ADC",
  "text": "ADC",
  "type": "ADC"
}
],

```



```

    "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&33920&MonitoringSDG-Trend",
    "leaf": false,
    "text": "MonitoringSDG-Trend"
  },
  { "children": [ { "children": [ { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&CGNAT&NAPT44-SS1",
    "leaf": true,
    "text": "NAPT44-SS1",
    "type": "CGNAT"
  },
  { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&CGNAT&NAPT44-SS2",
    "leaf": true,
    "text": "NAPT44-SS2",
    "type": "CGNAT"
  },
  { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&CGNAT&NAPT44-SS3",
    "leaf": true,
    "text": "NAPT44-SS3",
    "type": "CGNAT"
  },
  { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&CGNAT&NAPT44-SS4",
    "leaf": true,
    "text": "NAPT44-SS4",
    "type": "CGNAT"
  }
  ],
  "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&CGNAT",
  "text": "CGNAT",
  "type": "CGNAT"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&SFW&NAPT44-SS1",
  "leaf": true,
  "text": "NAPT44-SS1",
  "type": "SFW"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&SFW&NAPT44-SS2",
  "leaf": true,
  "text": "NAPT44-SS2",
  "type": "SFW"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&SFW&IPv6-SFW",
  "leaf": true,
  "text": "IPv6-SFW",
  "type": "SFW"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&34612&napt&SFW",

```

```
"text": "SFW",
"type": "SFW"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&TLB&tlb_sdg_v6",
  "leaf": true,
  "text": "tlb_sdg_v6",
  "type": "TLB"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&TLB&tlb_sdg",
  "leaf": true,
  "text": "tlb_sdg",
  "type": "TLB"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&34612&napt&TLB",
"text": "TLB",
"type": "TLB"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&ADC&lb1",
  "leaf": true,
  "text": "lb1",
  "type": "ADC"
} ],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&34612&napt&ADC",
"text": "ADC",
"type": "ADC"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&34612&napt",
"leaf": false,
"text": "napt"
},
{ "children": [ { "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&CGNAT&NAPT44-SS1",
  "leaf": true,
  "text": "NAPT44-SS1",
  "type": "CGNAT"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&CGNAT&NAPT44-SS2",
  "leaf": true,
  "text": "NAPT44-SS2",
  "type": "CGNAT"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&37673&MonitoringSDG-Sanity&CGNAT",
"text": "CGNAT",
"type": "CGNAT"
},
{
```

```

{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&SFW&IPv6-SFW",
  "leaf": true,
  "text": "IPv6-SFW",
  "type": "SFW"
} ],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&37673&MonitoringSDG-Sanity&SFW",
"text": "SFW",
"type": "SFW"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&TLB&tlb_sdg_v6",
  "leaf": true,
  "text": "tlb_sdg_v6",
  "type": "TLB"
} ],
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&TLB&tlb_sdg",
  "leaf": true,
  "text": "tlb_sdg",
  "type": "TLB"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&37673&MonitoringSDG-Sanity&TLB",
"text": "TLB",
"type": "TLB"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&ADC&lb1",
  "leaf": true,
  "text": "lb1",
  "type": "ADC"
} ],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&37673&MonitoringSDG-Sanity&ADC",
"text": "ADC",
"type": "ADC"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&37673&MonitoringSDG-Sanity",
"leaf": false,
"text": "MonitoringSDG-Sanity"
}
]

```

Monitor the SDG Group Tree

This request is used to verify the SDG Group tree structure.

URI	/api/sgd/monitoring/sdg-monitor /monitoringgroup/tree
-----	--

HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.monitoring.sdg-monitor.monitoringgroupptree<KPIs +json;version=1;charset=UTF-8
Consumes	None
Produces	Displays the SDG group tree

Response Status Code

Message	Description
200 OK	Successful display of the SDG group tree

Output**Sample JSON Output**

```
[ { "children": [ { "children": [ { "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS1",
  "leaf": true,
  "text": "NAPT44-SS1",
  "type": "CGNAT"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS2",
  "leaf": true,
  "text": "NAPT44-SS2",
  "type": "CGNAT"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS3",
  "leaf": true,
  "text": "NAPT44-SS3",
  "type": "CGNAT"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&CGNAT&NAPT44-SS4",
  "leaf": true,
  "text": "NAPT44-SS4",
  "type": "CGNAT"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&33920&MonitoringSDG-Trend&CGNAT",
"text": "CGNAT",
"type": "CGNAT"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&SFW&NAPT44-SS1",
  "leaf": true,
  "text": "NAPT44-SS1",
  "type": "SFW"
```

```

    },
    { "iconCls": "x4-tree-noicon-sgd",
      "id": "SDG&33920&MonitoringSDG-Trend&SFW&NAPT44-SS2",
      "leaf": true,
      "text": "NAPT44-SS2",
      "type": "SFW"
    },
    { "iconCls": "x4-tree-noicon-sgd",
      "id": "SDG&33920&MonitoringSDG-Trend&SFW&IPv6-SFW",
      "leaf": true,
      "text": "IPv6-SFW",
      "type": "SFW"
    }
  ],
  "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&SFW",
  "text": "SFW",
  "type": "SFW"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&TLB&tlb_sdg_v6",
  "leaf": true,
  "text": "tlb_sdg_v6",
  "type": "TLB"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&TLB&tlb_sdg",
  "leaf": true,
  "text": "tlb_sdg",
  "type": "TLB"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&33920&MonitoringSDG-Trend&TLB",
"text": "TLB",
"type": "TLB"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&33920&MonitoringSDG-Trend&ADC&adc_lb",
  "leaf": true,
  "text": "adc_lb",
  "type": "ADC"
} ],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&33920&MonitoringSDG-Trend&ADC",
"text": "ADC",
"type": "ADC"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&33920&MonitoringSDG-Trend",
"leaf": false,
"text": "MonitoringSDG-Trend"
},
{ "children": [ { "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&34612&napt&CGNAT&NAPT44-SS1",

```

```

    "leaf" : true,
    "text" : "NAPT44-SS1",
    "type" : "CGNAT"
  },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&34612&napt&CGNAT&NAPT44-SS2",
    "leaf" : true,
    "text" : "NAPT44-SS2",
    "type" : "CGNAT"
  },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&34612&napt&CGNAT&NAPT44-SS3",
    "leaf" : true,
    "text" : "NAPT44-SS3",
    "type" : "CGNAT"
  },
  { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&34612&napt&CGNAT&NAPT44-SS4",
    "leaf" : true,
    "text" : "NAPT44-SS4",
    "type" : "CGNAT"
  }
],
"iconCls" : "x4-tree-noicon-sgd",
"id" : "SDG&34612&napt&CGNAT",
"text" : "CGNAT",
"type" : "CGNAT"
},
{ "children" : [ { "iconCls" : "x4-tree-noicon-sgd",
  "id" : "SDG&34612&napt&SFW&NAPT44-SS1",
  "leaf" : true,
  "text" : "NAPT44-SS1",
  "type" : "SFW"
},
{ "iconCls" : "x4-tree-noicon-sgd",
  "id" : "SDG&34612&napt&SFW&NAPT44-SS2",
  "leaf" : true,
  "text" : "NAPT44-SS2",
  "type" : "SFW"
},
{ "iconCls" : "x4-tree-noicon-sgd",
  "id" : "SDG&34612&napt&SFW&IPv6-SFW",
  "leaf" : true,
  "text" : "IPv6-SFW",
  "type" : "SFW"
}
],
"iconCls" : "x4-tree-noicon-sgd",
"id" : "SDG&34612&napt&SFW",
"text" : "SFW",
"type" : "SFW"
},
{ "children" : [ { "iconCls" : "x4-tree-noicon-sgd",
  "id" : "SDG&34612&napt&TLB&tlb_sdg_v6",
  "leaf" : true,
  "text" : "tlb_sdg_v6",

```

```

        "type": "TLB"
      },
      { "iconCls": "x4-tree-noicon-sgd",
        "id": "SDG&34612&napt&TLB&tlb_sdg",
        "leaf": true,
        "text": "tlb_sdg",
        "type": "TLB"
      }
    ],
    "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&TLB",
    "text": "TLB",
    "type": "TLB"
  },
  { "children": [ { "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&ADC&lb1",
    "leaf": true,
    "text": "lb1",
    "type": "ADC"
  } ],
    "iconCls": "x4-tree-noicon-sgd",
    "id": "SDG&34612&napt&ADC",
    "text": "ADC",
    "type": "ADC"
  }
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&34612&napt",
"leaf": false,
"text": "napt"
},
{ "children": [ { "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&CGNAT&NAPT44-SS1",
  "leaf": true,
  "text": "NAPT44-SS1",
  "type": "CGNAT"
},
{ "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&CGNAT&NAPT44-SS2",
  "leaf": true,
  "text": "NAPT44-SS2",
  "type": "CGNAT"
}
],
"iconCls": "x4-tree-noicon-sgd",
"id": "SDG&37673&MonitoringSDG-Sanity&CGNAT",
"text": "CGNAT",
"type": "CGNAT"
},
{ "children": [ { "iconCls": "x4-tree-noicon-sgd",
  "id": "SDG&37673&MonitoringSDG-Sanity&SFW&IPv6-SFW",
  "leaf": true,
  "text": "IPv6-SFW",
  "type": "SFW"
} ],
"iconCls": "x4-tree-noicon-sgd",

```

```

      "id" : "SDG&37673&MonitoringSDG-Sanity&SFW",
      "text" : "SFW",
      "type" : "SFW"
    },
    { "children" : [ { "iconCls" : "x4-tree-noicon-sgd",
      "id" : "SDG&37673&MonitoringSDG-Sanity&TLB&tlb_sdg_v6",
      "leaf" : true,
      "text" : "tlb_sdg_v6",
      "type" : "TLB"
    },
    { "iconCls" : "x4-tree-noicon-sgd",
      "id" : "SDG&37673&MonitoringSDG-Sanity&TLB&tlb_sdg",
      "leaf" : true,
      "text" : "tlb_sdg",
      "type" : "TLB"
    }
    ],
    "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&37673&MonitoringSDG-Sanity&TLB",
    "text" : "TLB",
    "type" : "TLB"
  },
  { "children" : [ { "iconCls" : "x4-tree-noicon-sgd",
    "id" : "SDG&37673&MonitoringSDG-Sanity&ADC&lb1",
    "leaf" : true,
    "text" : "lb1",
    "type" : "ADC"
  } ],
  "iconCls" : "x4-tree-noicon-sgd",
  "id" : "SDG&37673&MonitoringSDG-Sanity&ADC",
  "text" : "ADC",
  "type" : "ADC"
}
],
"iconCls" : "x4-tree-noicon-sgd",
"id" : "SDG&37673&MonitoringSDG-Sanity",
"leaf" : false,
"text" : "MonitoringSDG-Sanity"
}
],
"iconCls" : "x4-tree-noicon-sgd",
"id" :
"Group&net.juniper.jmp.sgd.management.sdg.groups.jpa.SDGGroupEntity:32768&Default-Group",

"leaf" : false,
"text" : "Default-Group"
} ]

```


Service Analyzer RESTful Web Services

- [Service Analyzer RESTful Web Services on page 815](#)

Service Analyzer RESTful Web Services

The following operations can be performed using the Edge Services Director Service Analyzer RESTful Web Services.

Get All Service Analyzer Instances

This request is used to obtain a list of all the configured service analyzer instances on the devices along with last execution status details.

URI	/api/sgd/monitoring/service-analyzer/ getAllServiceAnalyzerDetails
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring getAllServiceAnalyzerDetails +json;version=1;charset=UTF-8
Parameters	None
Consumes	None
Produces	List of all configured service analyzer instances

Output

Sample JSON Output

```
{
  "sdgId":33596,
  "sdgName":"mobst480w-mobst480x",
  "cgnatStatus":"PREPARED",
  "cgnatLastExecutionStatus":"Provisioning Failed",
  "tlbStatus":" PREPARED "
},
{
  "sdgId":33324,
  "sdgName":"mcmx240a-mcmx240c",
  "adcStatus":"PREPARED",
```

```

      "adcLastExecutionStatus":"Provisioning Failed",
      "tlbStatus":"PREPARED"
    }

```

Get All SDG Details

This request is used to obtain the list of all the managed SDG devices along with the service names to configure the service analyzer instance details.

URI	/api/sgd/monitoring/service-analyzer/ getAllSDGDetails
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring getAllSDGDetails +json;version=1;charset=UTF-8
Parameters	None
Consumes	None
Produces	List of all managed SDG devices and service names

Output

Sample JSON Output

```

{
  "sdgId":33324,
  "sdgName":"mcmx240a-mcmx240c",
  "serviceTypes":
  [
    "ADC",
    "TLB",
    "CGNAT"
  ]
},
{
  "sdgId":33596,
  "sdgName":"mobst480w-mobst480x",
  "serviceTypes":
  [
    "ADC",
    "TLB",
    "CGNAT"
  ]
}

```

Get All Interface Details

This request lists all the interfaces from a specific SDG device for a particular service type.

URI	/api/sgd/monitoring/service-analyzer/ getSDGConfigurationDetails
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring getSDGConfigurationDetails +json;version=1;charset=UTF-8
Parameters	{sdgID} - SDG device ID (eg., 33324) {serviceType} – Type of the SDG service (eg., CGNAT)
Consumes	None
Produces	List of all interfaces on a specified SDG for a particular service instance.

Output

Sample JSON Output

```
{
  "interfaceNames":
  [
    "ae100.0", "ae100.10", "ae100.3023",
    "ae100.3025", "ae100.3027", "ae100.3820",
    "ae100.3821", "ae100.3825", "ae100.400",
    "ae100.401", "ae100.402", "ae100.410",
    "ae100.411", "ae100.412", "ae100.800",
    "ae161.0", "ae161.3822", "ae165.0",
    "ae165.3820", "ae165.3821", "ae165.3824",
    "ae165.3825", "ae167.0", "ae167.3827",
    "ae50.0", "ae50.400", "ae50.401",
    "ae50.402", "ae50.411", "ae52.0",
    "ae52.400", "ae52.401", "ae52.402",
    "ae52.410", "ae52.411", "ae52.412",
    "ae61.0", "ae61.201", "ae61.202",
    "ae62.0", "ae62.3203", "ge-2V0V5.0",
    "ge-2V0V6.0", "irb.0", "irb.3820",
    "irb.3821", "irb.3822", "irb.3824",
    "irb.3825", "irb.3827", "irb.400",
    "irb.401", "irb.402", "irb.410",
    "irb.411", "irb.412", "irb.800"
  ],
  "serviceInstanceNames": "IPv6-SFW",
  "serviceType": "CGNAT"
}
```

Update Service Instance Details

This request enables you to create or modify an instance of service analyzer for a particular SDG pair, service type, control forward and control reverse flows, and data forward and data reverse flows.

URI	/api/sgd/monitoring/service-analyzer/ updateServiceInstanceAnalyzerDetails
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.monitoring updateServiceInstanceAnalyzerDetails +json;version=1;charset=UTF-8
Parameters	None
Consumes	None
Produces	Creates or modifies a service analyzer instance

Input

Sample JSON Input

```
{
  "sdgId":33324,
  "serviceInstanceName":null,
  "serviceType":"TLB",
  "controlForwardFlowEgressInterfaceName":
  [
    "ae161.0",
    "ae161.3822"
  ],
  "controlForwardFlowIngressInterfaceName":
  [
    "ge-2/0/5.0"
  ],
  "controlReverseFlowEgressInterfaceName":[],
  "controlReverseFlowIngressInterfaceName":[],
  "dataForwardFlowEgressInterfaceName":
  [
    "irb.3820"
  ],
  "dataForwardFlowIngressInterfaceName":
  [
    "irb.400",
    "irb.401"
  ],
  "dataReverseFlowEgressInterfaceName":[],
  "dataReverseFlowIngressInterfaceName":[]
}
```

Output

Sample JSON Output

```
{
  "sdgId":33324,
  "serviceInstanceName":null,
  "serviceType":"TLB",
  "controlForwardFlowEgressInterfaceName":
  [
    "ae161.0",
    "ae161.3822"
  ],
  "controlForwardFlowIngressInterfaceName":
  [
    "ge-2/0/5.0"
  ],
  "controlReverseFlowEgressInterfaceName":[],
  "controlReverseFlowIngressInterfaceName":[],
  "dataForwardFlowEgressInterfaceName":
  [
    "irb.3820"
  ],
  "dataForwardFlowIngressInterfaceName":
  [
    "irb.400",
    "irb.401"
  ],
  "dataReverseFlowEgressInterfaceName":[],
  "dataReverseFlowIngressInterfaceName":[]
}
```

Get a Summary of All Defined Service Analyzer Instance Details

This request provides a synopsis of created service analyzer instance details, running state, collection status, poll count, and an error status.

URI	/api/sgd/monitoring/service-analyzer/ getPreparedServiceInstances
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring getPreparedServiceInstances +json;version=1;charset=UTF-8
Parameters	{sdgId} – SDG device ID (eg., 33324) {serviceType} – Type of the SDG service (eg., TLB)
Consumes	None
Produces	A summarized view of all configured service analyzer instance details

Output

Sample JSON Output

```
{
  "id":2752534,
  "MOID":"net.juniper.jmp.sgd.monitoring.
    service.analyzer.device.service.type.jpa.
    SDGServiceAnalyzerTLBServiceDetailsEntity:2752534",
  "createdBy":"super",
  "modifiedBy":"super",
  "createdTime":"2014-11-09T06:15:25Z",
  "modifiedTime":"2014-11-11T23:56:26Z",
  "sdgId":33324,
  "sdgName":"mcmx240a-mcmx240c",
  "serviceType":"TLB",
  "controlForwardFlowEgressInterfaceName":"ae161.0",
  "controlForwardFlowIngressInterfaceName":
    ["ge-2\0\0\5.0","ae52.411","ae61.201"],
  "status":"PREPARED",
  "collectionJobId":0,
  "provisioningJobId":3604512,
  "isCollectionInProgress":false,
  "startTime":1415612738809,
  "pollInterval":60000,
  "runUntilStopped":true,
  "provisioningErrors":[],
  "currentPollCount":0
}
```

Start a Service Analyzer Instance

This request is used to schedule the date and time at which a service analyzer instance must be run and start a configured service analyzer instance. You can provide the SDG device ID, service type, and scheduler information.

URI	/api/sgd/monitoring/service-analyzer/ startServiceAnalyzerInstance
HTTP Method	POST
Content-Type	application/vnd.net.juniper.space.sgd.monitoring startServiceAnalyzerInstance +json;version=1;charset=UTF-8
Parameters	None
Consumes	None
Produces	Schedule and start a service analyzer instance

Input

Sample JSON Input

```
{
  "sdgId":33324,
  "serviceType":"TLB",
  "serviceInstanceName":"",
  "pollInterval":1,
```

```

    "startNow":true,
    "startAt":false,
    "startAtDateMilliseconds":null,
    "runUntilStopped":true,
    "stopAt":false,
    "stopAfter":false,
    "stopAtDateMilliseconds":null,
    "stopAfterCount":null
  }

```

Output

Sample JSON Output

```

{
  "sdgId":33324,
  "serviceType":"TLB",
  "serviceInstanceName": "",
  "pollInterval":1,
  "startNow":true,
  "startAt":false,
  "startAtDateMilliseconds":null,
  "runUntilStopped":true,
  "stopAt":false,
  "stopAfter":false,
  "stopAtDateMilliseconds":null,
  "stopAfterCount":null
}

```

Get Service Analyzer Instance Details By Device and Service Type

This request retrieves service analyzer instance details for a particular SDG device and service type.

URI	/api/sgd/monitoring/service-analyzer/ getServiceInstanceAnalyzerDetails
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring getServiceInstanceAnalyzerDetails +json;version=1;charset=UTF-8
Parameters	{sdgId}—SDG device ID (eg., 33324) {serviceInstanceName}—Service Instance Name {serviceType}—Type of the SDG service (eg., TLB)
Consumes	None
Produces	List of all configured service analyzer instances for a particular device and service type

Output

Sample JSON Output

```

{
  "id":2752541,
  "MOID":"net.juniper.jmp.sgd.monitoring.

```

```

    service.analyzer.device.service.type.jpas.
    SDGServiceAnalyzerCGNATServiceDetailsEntity:2752541",
    "createdBy":"super",
    "createdTime":"2014-11-08T13:55:16Z",
    "modifiedTime":"2014-11-10T22:55:50Z",
    "sdgId":33161,
    "sdgName":"mobrg480m",
    "serviceType":"CGNAT",
    "dataForwardFlowEgressInterfaceName":"xe-5V3V2.20",
    "dataForwardFlowIngressInterfaceName":"ge-5V2V9.0",
    "status":"RUNNING",
    "collectionJobId":3605443,
    "provisioningJobId":3604518,
    "isCollectionInProgress":false,
    "startTime":1415613325798,
    "pollInterval":60000,
    "runUntilStopped":true,
    "filterNames":
    [
      "ESD_CGNAT_data_rf_preScv_IPv6",
      "ESD_CGNAT_data_rf_preScv_IPv4",
      "ESD_CGNAT_data_rf_postScv_IPv6",
      "ESD_CGNAT_data_rf_egress_IPv4",
      "ESD_CGNAT_data_ff_postScv_IPv4",
      "ESD_CGNAT_data_ff_postScv_IPv6",
      "ESD_CGNAT_data_rf_ingress_IPv4",
      "ESD_CGNAT_data_rf_egress_IPv6",
      "ESD_CGNAT_data_rf_postScv_IPv4",
      "ESD_CGNAT_data_rf_ingress_IPv6",
      "ESD_CGNAT_data_ff_egress_IPv4",
      "ESD_CGNAT_data_ff_ingress_IPv6",
      "ESD_CGNAT_data_ff_preScv_IPv6",
      "ESD_CGNAT_data_ff_ingress_IPv4",
      "ESD_CGNAT_data_ff_preScv_IPv4",
      "ESD_CGNAT_data_ff_egress_IPv6"
    ],
    "currentPollCount":855
  }

```

Get Service Analyzer Collection Data

This request API lists all the collection data details for a particular SDG device, service type, packet type, and flow direction.

URI	/api/sgd/monitoring/service-analyzer/ getCollectionData
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring getCollectionData +json;version=1;charset=UTF-8

Parameters	{sdgId} – SDG device Id (eg., 33324) {serviceType} – Type of the SDG Service (CGNAT, TLB, ADC) {packetType} – Type of the packet (Control/Data) {protocolType} – Type of the protocol (IPv4/IPv6) {flowDirection} – Flow Direction (ff/rf – Forward Flow/Reverse Flow) {collectionFromTime} – Collection beginning time {start} – start 0
Consumes	None
Produces	Service analyzer instance collection data

Output

Sample JSON Output

```
{
  "data": [
    {
      "collectionTime":1415679757055,
      "ingressPacketCount":463046,
      "egressPacketCount":470077,
      "ingressByteCount":24160149,
      "egressByteCount":24689642
    },
    {
      "collectionTime":1415679678192,
      "ingressPacketCount":462433,
      "egressPacketCount":469461,
      "ingressByteCount":24128159,
      "egressByteCount":24657280
    },
    {
      "collectionTime":1415679603522,
      "ingressPacketCount":461866,
      "egressPacketCount":468883,
      "ingressByteCount":24098599,
      "egressByteCount":24626918
    },
    {
      "collectionTime":1415679527840,
      "ingressPacketCount":461281,
      "egressPacketCount":468285,
      "ingressByteCount":24068065,
      "egressByteCount":24595511
    }
  ],
  "sdgId":33161,
  "sdgName":"mobrg480m",
  "serviceType":"CGNAT"
}
```

Stop a Service Analyzer Instance

This request enables you to stop a running service analyzer instance for a particular SDG device and service type.

URI	/api/sgd/monitoring/service-analyzer/ stopServiceAnalyzerInstances
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring stopServiceAnalyzerInstances +json;version=1;charset=UTF-8
Parameters	{sdgId} - SDG device Id (eg., 33324) {serviceInstanceName} - Service Instance Name {serviceType} - Type of the SDG Service (CGNAT, TLB, ADC)
Consumes	None
Produces	Stops a service analyzer instance

Delete a Service Analyzer Instance

This request enables you to delete a running service analyzer instance for a particular SDG device and service type.

URI	/api/sgd/monitoring/service-analyzer/ deleteServiceAnalyzerInstances
HTTP Method	GET
Content-Type	application/vnd.net.juniper.space.sgd.monitoring deleteServiceAnalyzerInstances +json;version=1;charset=UTF-8
Parameters	{sdgId} - SDG device Id (eg., 33324) {serviceInstanceName} - Service Instance Name {serviceType} - Type of the SDG Service (CGNAT, TLB, ADC)
Consumes	None
Produces	Deletes a service analyzer instance

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