

## Configuring PCMM Policies and Parameter Substitutions (SRC CLI)

This topic describes how to define your SRC policies and parameter substitutions so that they comply with the PCMM Web service interface. The sample data shows the types of policies and parameters that you can configure. View the sample data with the following command:

```
user@host> show configuration policies folder sample folder pcmm folder pcmm-ws
```

If you use parameter substitutions, the PCMM Web service interface provides the values for the substitutions. You must name your parameters as specified in this topic.

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### Configuring Classify-Traffic Conditions for Dynamic Service Activator

Table 1 on page 1 lists the classify-traffic condition fields that you can configure for PCMM classifiers that will be used with PCMM Web service interface. It also provides the parameter names that you must use if you configure parameter substitutions for the classifier.

**Table 1: Parameter Names for Classify-Traffic Conditions**

Field	Parameter Name
Protocol	protocol
Source IP Address	sourceIpAddress
Source IP Mask	sourceIpMask
Port	sourcePortStart and sourcePortEnd destinationPortStart and destinationPortEnd
Destination IP Address	destinationIpAddress
Destination IP Mask	destinationIpMask

### Configuring FlowSpec Actions for Dynamic Service Activator

You can use a FlowSpec action to specify the traffic profile in CommitResource messages. Table 2 on page 2 lists the fields that you can use for PCMM policies that will be used with PCMM Web service interface. It also provides the parameter names that you must use if you configure parameter substitutions for the FlowSpec action.

**Table 2: Parameter Names for FlowSpec Actions**

Field	Parameter Name
Service Number	serviceNumber
Token Bucket Rate	bucketRate
Token Bucket Size	bucketDepth
Peak Data Rate	peakRate
Minimum Policed Unit	minPolicedUnit
Maximum Packet Size	maxDatagramSize
Rate	reservedRate
Slack Term	slackTerm

### **Configuring Service Class Name Actions for Dynamic Service Activator**

You can use a service class name action to specify the traffic profile in CommitResource messages. Table 3 on page 2 lists the field that you can use for PCMM policies that will be used with PCMM Web service interface. It also provides the parameter names that you must use if you configure parameter substitutions for a service class name action.

**Table 3: Parameter Names for Service Class Actions**

Field	Parameter Name
Service Class	TrafficClass

### **Configuring DOCSIS Actions for Dynamic Service Activator**

You can use a DOCSIS action to specify the priority and bandwidth in the traffic profile in CommitResource messages. Table 4 on page 2 lists the fields that you can use for PCMM policies that will be used with PCMM Web service interface. It also provides the parameter names that you must use if you configure parameter substitutions for the DOCSIS action.

**Table 4: Parameter Names for DOCSIS Actions**

Field	Parameter Name
Traffic Priority	priority
Maximum Sustained Traffic Rate	bandwidth

**Table 4: Parameter Names for DOCSIS Actions** *(continued)*

Field	Parameter Name
Maximum Traffic Burst	bandwidth
Minimum Reserved Traffic Rate	bandwidth

- Related Topics**
- Overview of Web Service Interface for PCMM
  - Configuring Services That Are Available for PCMM Clients (SRC CLI)
  - Configuring Classify-Traffic Conditions
  - Configuring FlowSpec Actions (SRC CLI)
  - Configuring Service Class Name Actions (SRC CLI)
  - Configuring DOCSIS Actions (SRC CLI)

