

## Appendix A

# Configuring Policies to Support the Redirect Server

The SRC software includes two actions for JUNOSe IP4 and IP6 policies to identify traffic to be sent to a specific Web application. When you use these policies, the JUNOSe router and the redirect server on the C-series Controller can be any number of hops away from each other. Topics include:

- Configuring Policy Actions to Redirect Web Traffic to a Web Application on page 25
- Configuring Exception Application Actions on page 26
- Configuring HTTP Redirect Actions on page 26

## Configuring Policy Actions to Redirect Web Traffic to a Web Application

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Before you configure the redirect server on a C-series Controller:

- Configure and enable the HTTP local server on the JUNOSe router
- On the C-series Controller, configure a policy that includes the following policy actions to define which traffic to send to the redirect server:
  - An exception action to specify that an HTTP application receive traffic.
  - An http redirect policy action to specify the URL to receive packets identified in the exception application action.

Alternatively, if the distance between the JUNOSe routers and the C-series Controller is one hop away, you can configure a next-hop policy on the JUNOSe router that specifies a destination address that is the virtual IP address of the active redirect server rather than configuring an SRC policy.

## Configuring Exception Application Actions

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Use the following statements to configure policy actions that specify exceptions to a rule to identify the client application that is a destination for packets.

```
policies group name list name rule name exception-application name {
    application-type application-type;
    description description;
}
```

To configure an exception action in a policy rule to specify that traffic be sent to a client application:

1. From configuration mode, enter the exception application action configuration. For example, to name the exception application action my-http-application:

```
[edit]
user@host# edit policies group http-policy list http-list rule redirect
exception-application my-http-application
```

2. Specify the application type, such as HTTP for Web traffic.

```
[edit policies group http-policy list http-list rule redirect exception-application
my-http-application]
user@host# set application-type http
```

## Configuring HTTP Redirect Actions

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Use the following statements to configure policy actions to redirect Web traffic to a specified URL.

```
policies group name list name rule name http-redirect name {
    subscriber-url "\"http://URL\"";
    description description;
}
```

To configure an HTTP redirect action in a policy rule to specify that Web traffic be sent to a specified URL:

1. From configuration mode, enter the HTTP redirect action configuration. For example, to name the HTTP redirect action residential-portal:

```
[edit]
user@host# edit policies group http list http-list rule redirect http-redirect
residential-portal
```

2. Specify the destination URL to which traffic will be redirected. For example, to redirect the traffic to www.new.com:

```
[edit policies group http list http-list rule redirect http-redirect residential-portal]
user@host# subscriber-url "\"http://www.new.com\""
```