

Chapter 12

Monitoring the JPS with the SRC CLI

This chapter describes how to use the SRC command-line interface (CLI) to monitor the Juniper Policy Server (JPS), a component of the SRC software that acts as a policy server in the PacketCable Multimedia Specification (PCMM) environment. You can use the CLI to monitor the JPS on a Solaris platform or on a C-series Controller.

You can also use the C-Web interface to monitor the JPS. See *Chapter 13, Monitoring the JPS with the C-Web Interface*.

Topics in this chapter include:

- Monitoring the JPS on page 119
- Viewing Server Process Information on page 120
- Viewing JPS State on page 120

For information about the JPS, see *Chapter 9, Using PCMM Policy Servers*.

Monitoring the JPS

You can monitor:

- The basic health indicators for the server process
- The current state of the JPS, such as the current network connections or recent performance statistics

To view information about the server process and the current state of the JPS:

```
user@host> show jps statistics
```

Viewing Server Process Information

To view information about the server process:

```
user@host> show jps statistics process
```

Viewing JPS State

You can monitor the current state of the JPS by:

- Viewing Performance Statistics for the JPS Interfaces on page 120
- Viewing Network Connections for the Application Manager on page 120
- Viewing Network Connections for the CMTS Device on page 121
- Viewing Performance Statistics for the CMTS Locator on page 121
- Viewing Message Handler Information on page 121

Viewing Performance Statistics for the JPS Interfaces

To view recent performance statistics for the application manager-to-policy server interface:

```
user@host> show jps statistics am
```

To view recent performance statistics for the policy server-to-CMTS interface:

```
user@host> show jps statistics cmts
```

To view recent performance statistics for the policy server-to-RKS interface:

```
user@host> show jps statistics rks
```

Viewing Network Connections for the Application Manager

To view information about the current JPS network connections for all the application managers:

```
user@host> show jps statistics am connections
```

To view information about the current JPS network connections for a specific application manager:

```
user@host> show jps statistics am connections ip-address ip-address
```

Enter all or part of the IP address to list connections for all matching addresses.

Viewing Network Connections for the CMTS Device

To view information about the current JPS connections for all the CMTS devices:

```
user@host> show jps statistics cmts connections
```

To view information about the current JPS connections for a specific CMTS device:

```
user@host> show jps statistics cmts connections ip-address ip-address
```

Enter all or part of the IP address to list connections for all matching addresses.

Viewing Performance Statistics for the CMTS Locator

To view information about the recent performance statistics for the CMTS locator:

```
user@host> show jps statistics cmts-locator
```

Viewing Message Handler Information

To view information about the JPS message handler and message flows:

```
user@host> show jps statistics message-handler
```

```
user@host> show jps statistics message-handler message-flow
```

To view information about specific JPS message flows:

```
user@host> show jps statistics message-handler message-flow id id
```

Enter all or part of the message flow identifier to list all matching message flows.

