

## Chapter 14

# 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 platform.

You can also use the C-Web interface to monitor the JPS. See *Chapter 15, Monitoring the JPS with the C-Web Interface*.

Topics include:

- Monitoring the JPS on page 147
- Viewing Server Process Information on page 147
- Viewing JPS State on page 148

For information about the JPS, see *Chapter 11, Using PCMM Policy Servers*.

## Monitoring the JPS

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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

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To view information about the server process:

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

## Viewing JPS State

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You can monitor the current state of the JPS by:

- Viewing Performance Statistics for the JPS Interfaces on page 148
- Viewing Network Connections for the Application Manager on page 148
- Viewing Network Connections for the CMTS Device on page 148
- Viewing Performance Statistics for the CMTS Locator on page 149
- Viewing Message Handler Information on page 149

### 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.

