Chapter 12

Monitoring with the SRC CLI and the C-Web Interface

This chapter describes how to use the SRC command line interface (CLI) and the C-Web interface to monitor your SRC environment. Topics include:

- Monitoring with the SRC CLI and the C-Web Interface on page 83

- SRC Monitoring Options on page 83

Monitoring with the SRC CLI and the C-Web Interface

You can use the **show** commands available with the SRC CLI to monitor the operation and configuration of your SRC environment. For more information about setting up the initial configuration for the SRC CLI, see the *SRC-PE Getting Started Guide*.

The C-Web graphical user interface (GUI) allows you to monitor the operation and configuration of your SRC environment by using a Web browser with Hypertext Transfer Protocol (HTTP) or HTTP over Secure Sockets Layer (HTTPS) enabled.

SRC Monitoring Options

The *SRC-PE Monitoring and Troubleshooting Guide* contains monitoring information for core SRC components. Monitoring information for licensed applications, such as SRC Admission Control Plug-In (SRC-ACP), is located in the *SRC-PE Network Guide: SAE, Juniper Networks Routers, NIC, and SRC-ACP*. Monitoring information for solutions such as Juniper Policy Server (JPS) is located in the *SRC-PE Solutions Guide*.

Table 20 lists and compares the monitoring options for the C-Web interface and the SRC CLI.

Table 20: Comparison of SRC Monitoring Options

C-Web Interface Monitor Option	Information Displayed	Corresponding SRC CLI Commands
ACP	Admission Control Plug-In (ACP) data and statistics	■ show acp backbone congestion-point congestion-point-expression ■ show acp backbone congestion-point dn ■ show acp backbone service ■ show acp edge congestion-point dn ■ show acp edge congestion-point subscriber-session-id ■ show acp edge subscriber ■ show acp remote-update congestion-point dn ■ show acp remote-update congestion-point name ■ show acp remote-update subscriber ■ show acp statistics directory ■ show acp statistics general ■ show acp statistics router
CLI	SRC CLI level and authorization data	■ show cli ■ show cli authorization
Component	Installed components	■ show component
Date	System date and time	■ show date
Disk	System disk status	■ show disk status
Interfaces	System interfaces	■ show interfaces
Iptables	Filtered traffic statistics from the iptables Linux tool	■ show iptables
JPS	Juniper Policy Server (JPS) data and statistics	■ show jps statistics ■ show jps statistics am ■ show jps statistics am connections ■ show jps statistics cmts-locator ■ show jps statistics cmts ■ show jps statistics_cmts connections ■ show jps statistics message-handler ■ show jps statistics message-handler message-flow ■ show jps statistics process ■ show jps statistics rks

Table 20: Comparison of SRC Monitoring Options (continued)

C-Web Interface Monitor Option	Information Displayed	Corresponding SRC CLI Commands
NIC	Network information collector (NIC) component configuration data and statistics, including NIC agents, resolvers, and process	■ show nic data ■ show nic data agent ■ show nic data resolver ■ show nic statistics ■ show nic statistics agent ■ show nic statistics host ■ show nic statistics process ■ show nic statistics resolver ■ show nic slot number data ■ show nic slot number statistics
NTP	Network Time Protocol (NTP) configuration data and statistics	■ show ntp associations ■ show ntp statistics ■ show ntp status
Redirect server	Redirect server statistics	■ show redirect server statistics
Route	Route data from the local system to a remote host	■ show route

Table 20: Comparison of SRC Monitoring Options (continued)

C-Web Interface Monitor Option	Information Displayed	Corresponding SRC CLI Commands
SAE	SAE configuration data and statistics	■ show sae interfaces ■ show sae licenses ■ show sae policies ■ show sae registered equipment ■ show sae registered login ■ show sae routers ■ show sae services ■ show sae statistics directory ■ show sae statistics directory connections ■ show sae statistics license client ■ show sae statistics license local ■ show sae statistics license virtual-router ■ show sae statistics policy-management ■ show sae statistics process ■ show sae statistics radius ■ show sae statistics radius client ■ show sae statistics router ■ show sae statistics router common ■ show sae statistics sessions ■ show sae subscribers ■ show sae subscribers dn ■ show sae subscribers ip ■ show sae subscribers login-name ■ show sae subscribers service-name ■ show sae subscribers session-id ■ show sae threads
Security	Security certificate configuration and statistics	■ show security certificate
System	SRC software and C-series controller configuration data	■ show configuration ■ show system boot-messages ■ show system information ■ show system ldap community ■ show system ldap server ■ show system ldap statistics ■ show system users