

Chapter 4

Configuring a C-series Platform

This chapter describes how to configure a C-series platform. Topics include:

- Before You Begin Configuring the SRC Software on a C-series Platform on page 43
- Configuring the SRC Software on page 44

Before You Begin Configuring the SRC Software on a C-series Platform

Before you begin configuring the SRC software on a C-series platform, be sure that:

- You are familiar with how to use the SRC CLI.
- Initial system setup and configuration have been completed, including configuration for:
 - C-series platform hostname
 - Initial configuration for the Juniper Networks database and the database enabled on the system



NOTE: The Juniper Networks database must be running before you start configuring the SRC software.

- Domain name system
- Eth0 interface
- An administrative account that has superuser privileges



CAUTION: Although root access is used for initial configuration of a C-series platform, user accounts are used to enter commands and statements at the CLI.

- Telnet and or SSH access

For additional information, see the following sources:

- *C-series Hardware Guide*
- *CLI User Guide*

Configuring the SRC Software

To configure the SRC software on a C-series platform:

1. Review the configuration by running the **show configuration** command in operation mode.

```
user@host> show configuration
system {
  host-name my-host;
  domain-search [ mylab.jnpr.net jnpr.net juniper.net ];
  name-server [ 192.0.20.10 192.0.20.30 ];
  time-zone America/New_York;
  services {
    telnet;
    ssh {
      root-login allow;
    }
  }
}
...
```

Make any updates needed to the initial configuration.

2. If the password for the **root** user was not changed from the default value, change it now.

```
root@host> set cli password
```

Do not use the **root** account for normal operation.

3. If the time zone is not set to the time zone where the system resides, set the time zone.

See *Chapter 13, Configuring System Time with the SRC CLI*.

4. Configure NTP.

See *Chapter 13, Configuring System Time with the SRC CLI*.

5. Complete the configuration of the Juniper Networks database, and load sample data.

See *Chapter 15, Managing the Juniper Networks Database*.

If the Juniper Networks database is configured to run in community mode, the admin account already exists.

6. Configure remote access to other interfaces.

See *Chapter 7, Configuring Remote Access to a C-series Platform*.

7. Configure static routes to networks that contain devices to be managed by the SRC software.

See *Chapter 7, Configuring Remote Access to a C-series Platform*.

8. (Optional) Configure other external access to the C-series platform and secure communications to remote hosts.

See *Chapter 7, Configuring Remote Access to a C-series Platform*.

9. (Optional) Configure the system log server.

See *Chapter 14, Configuring System Logging for a C-series Platform*.

10. (Optional) Configure user accounts.

See *Chapter 19, Configuring User Access*.

11. Configure SRC components.

See *Configuring SRC Components* on page 45.

Configuring SRC Components

After you create the basic SRC configuration, you can configure other SRC components and establish configurations for service providers and enterprises.

To configure SRC components in a deployment on C-series platforms:

1. If your configuration includes a RADIUS server, start it.

See *SRC-PE Integration Guide* for information about starting RADIUS servers.

2. Configure SAE local properties.

See *Chapter 16, Setting Up an SAE with the SRC CLI*.

3. Obtain your SRC software license.
See *Chapter 8, Overview of SRC Licenses*.
4. Install the license, and start the license server if you have a server license.
See *Chapter 9, Installing Licenses for C-series Platforms*.
5. (Optional) Configure and start the SNMP agent.
See *Chapter 23, Configuring and Starting the SNMP Agent with the SRC CLI*.
6. Start the SAE.
See *Chapter 16, Setting Up an SAE with the SRC CLI*.
7. If you use firewall software on your internal network, review firewall access for SRC components.
See *Chapter 29, Defining an Initial Configuration on a Solaris Platform*.
8. Configure other SRC components.

Table 7 lists the principle SRC components that you can configure and names the document that provides information about configuring the components.

Table 7: Configuration Information for Other SRC Components

Component	Document
SRC-ACP	<i>SRC Application Library Guide</i>
JPS	<i>SRC-PE Solutions Guide, Chapter 12, Configuring the JPS with the SRC CLI</i>
C-Web interface	<i>Chapter 6, Accessing and Starting the C-Web Interface</i>
Network information collector (NIC)	<i>SRC-PE Network Guide, Chapter 10, Configuring NIC with the SRC CLI</i>
Policies	<i>SRC-PE Services and Policies Guide, Chapter 11, Configuring and Managing Policies with the SRC CLI</i>
Redirect server	<i>SRC-PE Subscribers and Subscriptions Guide, Chapter 20, Configuring Traffic Redirection with the SRC CLI</i>
SAE	<i>SRC-PE Network Guide, Chapter 2, Configuring the SAE with the SRC CLI</i>
SAE access to external database that stores subscriber data	<i>SRC-PE Network Guide, Chapter 2, Configuring the SAE with the SRC CLI</i>
Services	<i>SRC-PE Services and Policies Guide, Chapter 1, Managing Services with the SRC CLI</i>
Subscribers and subscriptions	<i>SRC-PE Subscribers and Subscriptions Guide, Chapter 14, Configuring Subscribers and Subscriptions with the SRC CLI</i>

Table 7: Configuration Information for Other SRC Components (continued)

Component	Document
Residential portal	<i>SRC-PE Subscribers and Subscriptions Guide, Chapter 16, Installing and Configuring the Sample Residential Portal</i>
Enterprise Service Portals	<i>SRC-PE Subscribers and Subscriptions Guide, Chapter 27, Installing and Configuring Enterprise Service Portals</i>

