Chapter 11

Managing SRC Components with the CLI

This chapter describes how you can start, stop, and view status of SRC components from the CLI. Topics include:

Verifying Status of SRC Components

To view information about the status for SRC components:

```
user@host> show component
Installed Components
Name      Version                                          Status
cli       Release: 7.0 Build: CLI.A.7.0.0.0171             running
acp       Release: 7.0 Build: ACP.A.7.0.0.0174             disabled
jdb       Release: 7.0 Build: DIRXA.A.7.0.0.0176           running
editor    Release: 7.0 Build: EDITOR.A.7.0.0.0176          disabled
redir     Release: 7.0 Build: REDIR.A.7.0.0.0176           disabled
licSvr    Release: 7.0 Build: LICSVR.A.7.0.0.0179          stopped
nic       Release: 7.0 Build: GATEWAY.A.7.0.0.0170         disabled
sae       Release: 7.0 Build: SAE.A.7.0.0.0166             running
www       Release: 7.0 Build: UMC.A.7.0.0.0169             disabled
jps       Release: 7.0 Build: JPS.A.7.0.0.0172             disabled
agent     Release: 7.0 Build: SYSMAN.A.7.0.0.0174          disabled
webadm    Release: 7.0 Build: WEBADM.A.7.0.0.0173          disabled
```

Enabling SRC Components

On a C-series Controller, you can enable all SRC components from the CLI. On a Solaris platform, you can enable the subset of components supported by the CLI.

You can enable the following SRC components from the CLI:

- Admission Control Plug-In (ACP)
- Service activation engine (SAE)
- C-Web
- Juniper Networks database
- Juniper Policy Server (JPS)
- Network Information Collector (NIC)
- Policy and Services Editor
- Redirect Server
- SNMP agent

To enable a component:

- In operational mode, use the enable *component* command. For example:

  user@host> **enable sae**

Disabling an SRC Component

On a C-series Controller, you can disable a running SRC component from the CLI. On a Solaris platform, you can disable a running component that is supported by the CLI.

To disable a component:

1. Verify which components are running by entering the show component command in operation mode:

```
user@host> show component
Installed Components
Name      Version                                          Status
cli       Release: 7.0 Build: CLI.A.7.0.0.0171             running
acp       Release: 7.0 Build: ACP.A.7.0.0.0174             disabled
jdb       Release: 7.0 Build: DIRXA.A.7.0.0.0176           running
editor    Release: 7.0 Build: EDITOR.A.7.0.0.0176          disabled
redir     Release: 7.0 Build: REDIR.A.7.0.0.0176           disabled
licSvr    Release: 7.0 Build: LICSVR.A.7.0.0.0179          stopped
nic       Release: 7.0 Build: GATEWAY.A.7.0.0.0170         disabled
sae       Release: 7.0 Build: SAE.A.7.0.0.0166             running
www       Release: 7.0 Build: UMC.A.7.0.0.0169             disabled
jps       Release: 7.0 Build: JPS.A.7.0.0.0172             disabled
```

```
agent     Release: 7.0 Build: SYSMAN.A.7.0.0.0174           disabled
webadm    Release: 7.0 Build: WEBADM.A.7.0.0.0173           disabled
```

2. Disable a component by using the disable component command in operational mode. For example:

   user@host> **disable sae**

Restarting an SRC Component

If an SRC component is enabled, you can restart it if needed. You can use one of the following methods to restart a component:

- gracefully— Shuts down the component, then starts it again. (Default)
- immediately— Sends a signal kill (SIGKILL) signal to immediately stop the component, then starts it again.
- soft—Sends a signal hangup (SIGHUP) signal to the process for the component, then starts it again.

To restart an SRC component:

- In operational mode, use the restart component command.

  user@host **restart component** *component* <gracefully | immediately | soft>

  For example, to restart the SAE gracefully:

  user@host **restart component sae gracefully**