

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:

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- Enabling SRC Components on page 102
- Disabling an SRC Component on page 102
- Restarting an SRC Component on page 103

Verifying Status of SRC Components

To view information about the status for SRC components:

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

Enabling SRC Components

On a C-series platform, 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 platform, 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
```

