

Chapter 23

Managing SRC-ACP with the SRC CLI

This chapter describes how to use the SRC command-line interface (CLI) to manage the SRC Admission Control Plug-In (SRC-ACP) application. You can use the CLI to manage SRC-ACP on a Solaris platform or on a C-series Controller.

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Starting SRC-ACP

To start SRC-ACP:

```
user@host> enable component acp
```

Stopping SRC-ACP

To stop SRC-ACP:

```
user@host> disable component acp
```

Reorganizing the File That Contains ACP Data

Periodically, you should reorganize the files that contain ACP data about subscribers, services, and congestion points. This action reduces the sizes of these files. To do so:

```
user@host> request acp reorganize-backup-database
```

Modifying Congestion Points

By default, SRC-ACP does not register changes in congestion points until you stop and restart SRC-ACP. To modify the congestion point associated with a service without stopping and starting SRC-ACP:

1. Make sure that no subscribers have subscriptions to services that use the congestion point you want to modify.
2. From configuration mode, access the configuration statement that configures SRC-ACP connections to the services' directory.

```
user@host# edit shared acp configuration ldap service-data
```

3. Specify whether SRC-ACP detects changes in the backbone congestion point for a service while SRC-ACP is operative.

```
[edit shared acp configuration ldap service-data]
user@host# set reload-congestion-points
```

4. Wait for 30 seconds before you proceed to the next step.

Depending on the value of the polling interval for directory eventing, SRC-ACP may take up to 30 seconds to register the change to the **reload-congestion-points** option. If you modify the congestion point before SRC-ACP registers the new setting for the **reload-congestion-points** option, SRC-ACP will not register the change for the congestion point.

5. Modify the congestion point in the service definition. See *Configuring Congestion Points for Services in the Backbone Network* on page 312.

SRC-ACP immediately registers the change.

6. From configuration mode, access the configuration statement that configures SRC-ACP connections to the services' directory.

```
user@host# edit shared acp configuration ldap service-data
```

7. Specify whether SRC-ACP detects changes in the backbone congestion point for a service while SRC-ACP is operative.

```
[edit shared acp configuration ldap service-data]
user@host# set reload-congestion-points
```