

Chapter 4

Configuring Logging for SRC Components with the C-Web Interface

This chapter describes how to use the C-Web interface to configure logging for SRC components. You can use the C-Web interface to configure logging on a Solaris platform or on a C-series controller.

- To use the SRC CLI, see *Chapter 3, Configuring Logging for SRC Components with the CLI*.
- To use SRC configuration applications to configure component logging on a Solaris platform, see *Chapter 5, Managing SRC Log Files on a Solaris Platform*.

Topics in this chapter include:

- Before You Configure Logging on page 17
- Configuring a Component to Store Log Messages in a File with the C-Web Interface on page 17

Before You Configure Logging

Before you configure logging for SRC components, you should be familiar with the logging filters that you can configure. If you use a syslog log facility, you should be familiar with the syslog protocol. For information about logging filters see *Chapter 2, Configuring Logging for SRC Components*.

Configuring a Component to Store Log Messages in a File with the C-Web Interface

When you enable logging to a file, by default SRC components and applications write log files in the `/opt/UMC/<component-directory>/var/log` folder for a component, such as `/opt/UMC/sae/var/log`.

All log files with the file extension `.log` in a `var/log` directory are rotated daily. When a new log file is created, the previous day's file is compressed and saved.

If you plan to filter log messages, you should be familiar with severity levels and filters for logging before you configure system logging for a component. See *Chapter 2, Configuring Logging for SRC Components*.

To configure component logging for ACP:

1. Click **Configure**, expand **Shared**, expand **ACP**, and then click **Configuration**.

The Configuration pane appears.

2. From the Create new list, select **Logger**.
3. In the dialog box, type a name for the new logger, and click **OK**.
The name of the logger appears in the side pane and the Logger pane.
4. Expand the logger in the side pane, and then click **File** or **Syslog**.
5. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.

To configure component logging for SAE:

1. Click **Configure**, expand **Shared**, expand **ACP**, and then click **Configuration**.

The Configuration pane appears.

2. From the Create new list, select **Logger**.
The name of the logger appears in the side pane and the Logger pane.
3. Expand the logger in the side pane, and then click **File** or **Syslog**.
4. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.

To configure component logging for NIC:

1. Click **Configure**, expand **Shared**, and then click **NIC**.

The NIC pane appears.

2. In the side pane, expand a configuration scenario, such as Scenario:OnePopSharedlp,
3. In the side pane, expand a host, such as Demohost.
The Hosts pane appears.
4. From the Create new list, select **Logger**.
The name of the logger appears in the side pane and the Logger pane.
5. Expand the logger in the side pane, and then click **File** or **Syslog**.
6. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.

To configure component logging for SNMP:

1. Click **Configure**, expand **Snmp**, and then click **Agent**.

The Agent pane appears.

2. From the Create new list, select **Logger**.

The name of the logger appears in the side pane and the Logger pane.

3. Expand the logger in the side pane, and then click **File** or **Syslog**.
4. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.

To configure component logging for JPS:

1. Click **Configure**, expand **Slot**, and then expand the slot for which you want to configure component logging.

2. Click **JPS**.

The JPS pane appears.

3. From the Create new list, select **Logger**.

The name of the logger appears in the side pane and the Logger pane.

4. Expand the logger in the side pane, and then click **File** or **Syslog**.
5. Click **Create**, enter information as described in the Help text in the main pane, and click **Apply**.



NOTE: On a C-series controller, log files are automatically rotated on a daily basis. Typically, you do not specify a maximum file size when log files are rotated. Consider whether specifying a rollover filename is needed for SRC software running on a C-series controller. If you do configure a rollover file when files are rotated, the software creates five compressed versions of partial log files, and one uncompressed log file.

You can configure components to send log messages to the system log server (also called a syslog server) on the platform on which the SRC software is running.

If you plan to filter log messages, you should be familiar with severity levels and filters for logging before you configure system logging for a component. See *Chapter 2, Configuring Logging for SRC Components*.

