



# CHAPTER 3

## File Tasks

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These topics describe the File tasks for Element Manager:

- [Opening a Server Switch with Element Manager, page 3-1](#)
- [Configuring Polling, page 3-2](#)
- [Configuring SNMP Preferences, page 3-3](#)
- [Configuring Miscellaneous Trap Preferences, page 3-4](#)
- [Viewing Element Manager Trace Log, page 3-4](#)
- [Refreshing the Element Manager Display, page 3-5](#)
- [Launching a Telnet Session, page 3-5](#)
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### Note

The File menu in the Element Manager GUI provides basic GUI functions and configuration options. Some icons provide the same functions. Where the menu and the icons overlap, the tasks in this chapter describe both options.

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## Opening a Server Switch with Element Manager

After you launch Element Manager, you can change the server switch that you view and configure with the GUI. You can configure a server switch other than the one that you opened when you launched Element Manager, using one of the following procedures:

- [Opening a Server Switch from the File Menu, page 3-1](#)
- [Opening a Server Switch Using the Open Icon, page 3-2](#)

### Opening a Server Switch from the File Menu

To open a server switch from the File menu, follow these steps:

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- |               |                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Step 1</b> | From the File menu, choose <b>Open</b> .<br>The Open Device window opens.                                                            |
| <b>Step 2</b> | In the Device Name or IP Address field, enter the IP address or DNS name (if applicable) of the server switch that you want to open. |

**Step 3** In the SNMP Community field, enter the SNMP community to which the server switch belongs.

**Step 4** Click **Open**.

The server switch loads in the Element Manager GUI.

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## Opening a Server Switch Using the Open Icon

To open a server switch with the **Open** icon, do the following:

**Step 1** Click the **Open** icon (.

The Open Device window opens.

**Step 2** Enter the IP address or DNS name (if applicable) of the server switch that you want to open in the Device Name or IP Address field.

**Step 3** Enter the SNMP community to which the server switch belongs in the SNMP Community field.

**Step 4** Click **Open**.

The server switch loads in the Element Manager GUI.

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## Configuring Polling

These topics describe how to configure the way Element Manager polls the server switch for updates:

- [Configuring Polling Interval, page 3-2](#)
- [Disabling Polling, page 3-3](#)

## Configuring Polling Interval

To configure the frequency with which Element Manager polls the server switch for updates, do the following:

**Step 1** From the File menu, choose **Preferences**.

The Preferences window opens.

**Step 2** Click the **Polling** tab.

**Step 3** In the Status Interval field, enter an integer value to configure the interval, in seconds, at which Element Manager polls the server switch.

**Step 4** In the Hotswap Detect every field, enter an integer value to configure the number of status intervals that pass before Element Manager detects removed or replaced hot-swappable hardware components.

**Step 5** Check the **Enable** check box, and then click **OK**.

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## Disabling Polling

When you disable polling, Element Manager refreshes only when you manually refresh the display. (See the [“Refreshing the Element Manager Display”](#) section on page 3-5.) To disable polling, do the following:

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- Step 1** From the File menu, choose **Preferences**.  
The Preferences window opens.
  - Step 2** Click the **Polling** tab.
  - Step 3** Uncheck the **Enable** check box, and then click **OK**.
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## Configuring SNMP Preferences

The SNMP preferences that you can configure depend on the application that controls port 162 on the host that runs Element Manager. Server switches send all SNMP traps to port 162. If you run an application other than Element Manager that manages port 162, you must manually register your host in each server switch that you open with Element Manager to send server switch traps to your application. To manually register your host, see the [“Configuring Your Host as a Trap Receiver”](#) section on page 6-8.

If Element Manager controls port 162 to receive SNMP traps from the server switch, you can configure host registration and other options. To configure SNMP preferences, do the following:

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- Step 1** From the File menu, choose **Preferences**.  
The Preferences window opens.
  - Step 2** Click the **SNMP** tab.
  - Step 3** In the Retry Count field, enter an integer value (from 0 to 5) to specify the maximum number of retries.
  - Step 4** In the Timeout field, enter an integer value (from 3 to 30) to configure the SNMP timeout interval, in seconds.
  - Step 5** (Optional) Check the **Trace** check box to begin tracing SNMP traps.



**Note** You can view the SNMP traps as you trace them with the Trace Log. (See the [“Viewing Element Manager Trace Log”](#) section on page 3-4.)

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- Step 6** (Optional) Check the **Register for Traps** check box to configure Element Manager to automatically add your host to the Trap Receivers table on any server switch that you open in the Element Manager GUI. If another application on your host receives SNMP traps, see the [“Configuring Your Host as a Trap Receiver”](#) section on page 6-8 to send server switch traps to that application.



**Note** When you check the **Register for Traps** check box, Element Manager automatically checks the **Listen for Traps** check box.

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**Step 7** (Optional) Check the **Listen for Traps** check box to receive SNMP traps from the server switch.



**Note** If Element Manager does not let you access this check box, uncheck the **Register for Traps** check box.

**Step 8** Click **OK**.

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## Configuring Miscellaneous Trap Preferences

To configure miscellaneous trap preferences, do the following:

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**Step 1** From the File menu, and choose **Preferences**.

**Step 2** Click the **Misc** tab.

**Step 3** In the Max Traps in Log field, enter an integer value to limit the number of traps that appear in the log.

**Step 4** (Optional) Check the **Confirm row deletion** check box to confirm the row deletion.

**Step 5** (Optional) Check the **Save communities in configuration files** check box to save SNMP communities in the configuration file.

**Step 6** Click **OK**.

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## Viewing Element Manager Trace Log

To view the Element Manager trace log, do the following:

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**Step 1** From the File menu, choose **Preferences**.

**Step 2** Click the **SNMP** tab.

**Step 3** Check the **Trace** check box to begin tracing SNMP traps.

**Step 4** Click the **Misc** tab.

**Step 5** Check the **Show Element Manager Trace Log** check box.

**Step 6** Click **OK**.

The Trace Log window opens.

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## Refreshing the Element Manager Display

To refresh the Element Manager display to reflect the most recent status of the server switch, do one of the following:

- From the File menu, choose **Refresh**.
- Click the **Refresh** icon ().

## Launching a Telnet Session

To refresh the Element Manager display to reflect the most recent status of the server switch, do one of the following:

- From the File menu, choose **Telnet**.
- Click the **Telnet** icon ().

## Closing Element Manager

To close Element Manager, from the File menu, choose **Exit**.

