



Edit Menu Tasks

This chapter describes the Edit menu tasks for Element Manager and contains these sections:

- [Viewing Properties of One Card, page 4-1](#)
- [Viewing Properties of All Cards of the Same Type, page 4-4](#)
- [Viewing Properties of One Port, page 4-4](#)
- [Viewing Properties of All Ports of the Same Type, page 4-8](#)
- [Configuring Card Properties, page 4-8](#)
- [Configuring Port Properties, page 4-9](#)



Note

Use the Edit menu to quickly view port and card properties. You can use the edit menu to choose all cards or ports of the same type, and then view the properties of those elements. You can perform Edit menu tasks with the EM chassis display. To view and configure the Server Switch from the chassis display, refer to the [“Chassis Display Tasks” section on page 2-1](#).

Viewing Properties of One Card

To view the properties of one interface card, perform the following steps:

- Step 1**
- Click the card whose properties you want to view.
- Step 2**
- Click the **Edit** menu and click **Card Properties**. A window opens and displays the properties of the card.
- Step 3**
- Click the **Card** tab. [Table 4-1](#) lists and describes the fields in this display.

Table 4-1 *Card Tab Fields*

Field	Description
Admin Type field (gateway cards only)	Administratively configured card type.
Card Type field	Dynamically discovered card type.
Enable/Disable Card field	Provides up and down radio buttons so you can use the Apply button to enable or disable the card.
Current Card Status field	Displays “up” if the card can currently run traffic, otherwise displays “down.”

Table 4-1 **Card Tab Fields (continued)**

Field	Description
Operational State field	Displays the general condition of the interface card. The general condition may appear as any of the following: • unknown • normal • wrong-image • bootFailed • tooHot • booting A condition of unknown indicates an unsupported interface card. To address this condition, replace the card with a supported card. The operational state of a card must appear as normal for the current status of the card to appear as up. A wrong-image condition indicates that the active system image on the interface card does not match the active system image on the controller. All cards must run the same active system image as the controller card to function. A bootFailed condition indicates that the active system image on the card was incompletely or incorrectly loaded. If the other interface cards come up successfully, reset the individual card. Otherwise, reboot your entire device. When your card overheats, the tooHot condition appears in the show card command output. Enter the show fan command to check to see if your fans failed. The booting condition indicates that the card has not finished loading necessary image data for internal configuration.

Table 4-1 **Card Tab Fields (continued)**

Field	Description
Card Boot Stage field	Boot Stage appears as one of the following: • recovery • ipl • ppcboot • fpga • pic • ib • rootfs • kernel • exe • done • none
Card Boot Status field	Boot Status may appear as any of the following: • upgrading • success • failed • badVersion • badCrc • memoryError • outOfSpace • programmingError • hardwareError • fileNotFound • inProgress • none
Serial Number field	Factory-assigned product serial number of the card.
PCA Serial Number field	Printed circuit assembly (PCA) serial number of the card.
PCA Assembly Number field	Printed circuit assembly (PCA) assembly number of the card.
FRU Number field	Field-replaceable unit (FRU) number of the card.

Table 4-1 Card Tab Fields (continued)

Field	Description
Action field	Provides radio buttons that do the following when you click the Apply button. • Take no action • Reset (reboot) the card • Delete inactive images from the card
Result field	Displays the result of the last action (from the Action field) that a user executed.

Viewing Properties of All Cards of the Same Type

To view the properties of all interface cards of the same type, perform the following steps:

- Step 1** Click **Edit** > **Select All**, and then choose the type of card that you want to select. Yellow selection boundaries appear around all cards of that type.
- Step 2** Click the **Edit** menu and click **Card Properties**. A window opens and displays a table of all of the properties of the selected cards.

Viewing Properties of One Port

To view the properties from one port, perform the following steps:

- Step 1** Click the port whose properties you want to view.
- Step 2** Click the **Edit** menu and click **Port Properties**. A window opens and displays the properties of the port. [Table 4-2](#) lists and describes the fields in the properties window of an Ethernet port.

Table 4-2 Ethernet Port Properties Window Field Descriptions

Field	Description
Port Type field	Displays the port number in slot#/port# notation.
Port Name field	Provides a port name that you can edit and apply to the port.
Enable/Disable Port field	Provides the up and down radio buttons so you can configure the administrative status of the port.
Current Port Status field	Indicates whether or not the port is ready for use.
Auto Negotiation Supported field	Displays “true” if the port supports autonegotiation.
Enable Auto Negotiation checkbox	Enables or disables autonegotiation on the port.

Table 4-2 Ethernet Port Properties Window Field Descriptions (continued)

Field	Description
Set Port Speed field	Provides radio buttons to let you configure the speed of the port.
Current Port Speed field	Displays the speed of the port.
Set Duplex field	Provides radio buttons to let you configure the duplex setting of the port.
Current Duplex field	Indicates whether the port runs in full duplex mode or half duplex mode.
Enable Link Up/Down Trap field	Provides enabled and disabled radio buttons to configure whether or not the port sends a trap when links go up or down.
MTU field	Displays the maximum transmission unit (MTU) of the port, in bytes.
MAC Address field	Displays the media access control (MAC) address of the port.
Last Changed On field	Displays the time and date of the last time that a user configured the port.
Action field	Lets you flush the ARP table when you click the Apply button.
Result field	Displays the result of the action that you perform from the Action field.

Table 4-3 lists and describes the fields in the properties window of an Fibre Channel port.

Table 4-3 Fibre Channel Port Properties Window Field Descriptions

Field	Description
Port Type field	Displays the port number in slot#/port# notation.
Port Name field	Provides a port name that you can edit and apply to the port.
Enable/Disable Port field	Provides the up and down radio buttons so you can configure the administrative status of the port.
Current Port Status field	Indicates whether or not the port is ready for use.
Auto Negotiation Supported field	Displays “true” if the port supports autonegotiation.
Enable Auto Negotiation checkbox	Enables or disables autonegotiation on the port.
Set Port Speed field	Provides radio buttons to let you configure the speed of the port.
Current Connection Type field	Type of Fibre Channel connection between the port and the SAN.
Current Port Speed field	Displays the speed of the port.
Enable Link Up/Down Trap field	Provides enabled and disabled radio buttons to configure whether or not the port sends a trap when links go up or down.
MTU field	Displays the maximum transmission unit (MTU) of the port, in bytes.
WWNN field	World-wide node name of the HCA of the port.

Table 4-3 *Fibre Channel Port Properties Window Field Descriptions (continued)*

Field	Description
WWPN field	World-wide port name of the port.
FC ID field	Native Fibre Channel ID of the port.
Last Changed On field	Displays the time and date of the last time that a user configured the port.

Table 4-4 lists and describes the fields in the properties window of an InfiniBand port.

Table 4-4 *InfiniBand Port Properties Window Field Descriptions*

Field	Description
Port Type field	Displays the port number in slot#/port# notation.
Port Name field	Provides a port name that you can edit and apply to the port.
Enable/Disable Port field	Provides the up and down radio buttons so you can configure the administrative status of the port.
Current Port Status field	Indicates whether or not the port is ready for use.
Physical State field	Status of the physical connection to the port.
Auto Negotiation Supported field	Displays “true” if the port supports autonegotiation.
Enable Auto Negotiation checkbox	Enables or disables autonegotiation on the port.
Set Port Speed field	Provides radio buttons to let you configure the speed of the port.
Current Port Speed field	Displays the speed of the port.
Power Connector Dongle Type field	Displays the power connector Dongle type. This field appears only if the InfiniBand port is supporting power connector.
Enable Link Up/Down Trap field	Provides enabled and disabled radio buttons to configure whether or not the port sends a trap when links go up or down.
MTU field	Displays the maximum transmission unit (MTU) of the port, in bytes.
Last Changed On field	Displays the time and date of the last time that a user configured the port.

Viewing IP Addresses of an Ethernet Port

To view the IP addresses of one Ethernet port, perform the following steps:

-
- Step 1** Click the Ethernet port whose IP addresses you want to view.
- Step 2** Click the **Edit** menu and click **Port Properties**. A window opens and displays the properties of the port.

- Step 3** Click the IP Addresses tab. The IP Addresses display appears. [Table 4-5](#) lists and describes the fields in this display.

Table 4-5 *IP Addresses Tab Field Descriptions*

Field	Description
Port field	Port number, in card#port# format. A port# of 0 represents the internal gateway port of the interface card.
Address field	IP address that you assigned to the port.
Netmask field	Subnet mask that you assigned to the port.
BcastAddrFormat field	IP broadcast address format that the port uses.
ReasmMaxSize field	Size of the largest IP datagram that this port can receive and reassemble from incoming fragmented IP datagrams.
Type field	Displays “primary” or “backup” to indicate that the interface card acts as the primary or backup interface for the IP address that appears in the address field.
Status field	Displays “active” or “inactive” to indicate that the card actively services IP packets addressed to the IP address in the address field or does not service packets to the specified address.

Viewing Bridging Properties of an Ethernet Port

To view the bridging properties of one Ethernet port, perform the following steps:

- Step 1** Click the Ethernet port whose Bridging properties you want to view.
- Step 2** Click the **Edit** menu and click **Port Properties**. A window opens and displays the properties of the port.
- Step 3** Click the **Bridging** tab. The Bridging display appears. [Table 4-6](#) lists and describes the fields in this display.

Table 4-6 *Bridging Tab Field Descriptions*

Field	Description
Port field	Port number, in slot#/port# format.
IEEE VLAN Tag field	VLAN of the bridge group.
Bridge Group ID field	Bridge group to which the port belongs. Assign the bridge group with the Ethernet > Bridging options.

Viewing Properties of All Ports of the Same Type

To view the properties of all ports of the same type, perform the following steps:

-
- Step 1** Click **Edit > Select All**, and then choose the type of port that you want to select. Yellow selection boundaries appear around all ports of that type.
 - Step 2** Click the **Edit** menu and click **Port Properties**. A window opens and displays a table of all of the properties of the selected ports.
-

Configuring Card Properties

You can configure card properties with the Edit menu or with the chassis display. For chassis display instructions, refer to the [“Chassis Display Tasks” section on page 2-1](#).

Configuring Administrative Card Type

Configure administrative card types to reserve Server Switch slots for particular interface cards. You can configure administrative card types from a one-card display or a multiple-card display.

Configuring One Card as Administrative Card Type

To configure the card type from one interface card, perform the following steps:

-
- Step 1** Click the card whose type you want to configure.
 - Step 2** Click the **Edit** menu and click **Card Properties**. A window opens and displays the properties of the card.
 - Step 3** Click the appropriate radio button in the AdminType field, click the **Apply** button, and then click the **Close** button.
-

Configuring Multiple Cards as Administrative Card Types

To configure the card types from multiple interface cards, perform the following steps:

-
- Step 1** Click **Edit > Select All**, and then choose the type of card that you want to select. Yellow selection boundaries appear around all cards of that type.
 - Step 2** Click the **Edit** menu and click **Card Properties**. A window opens and displays a table of all of the properties of the selected cards.
 - Step 3** Click the type, in the **AdminType** column, of the card that you want to configure. A pulldown menu appears. Choose a value from the pulldown menu, and then repeat this step for each additional card that you want to configure.
-

Enabling or Disabling a Card

You can enable and disable cards from a one-card display or a multiple-card display.

Enabling or Disabling Cards from One Card

To enable or disable cards from a one-card display, perform the following steps:

-
- | | |
|---------------|---|
| Step 1 | Click the card that you want to enable or disable. |
| Step 2 | Click the Edit menu and click Card Properties . A window opens and displays the properties of the card. |
| Step 3 | Click the up or down radio button, click the Apply button, and then click the Close button. |
-

Enabling or Disabling Cards from Multiple Cards

To enable or disable cards from a multiple-card display, perform the following steps:

-
- | | |
|---------------|---|
| Step 1 | Click Edit > Select All , and then choose the type of card that you want to select. Yellow selection boundaries appear around all cards of that type. |
| Step 2 | Click the Edit menu and click Card Properties . A window opens and displays a table of all of the properties of the selected cards. |
| Step 3 | Click the status, in the Enable/Disable Card column, of the card that you want to enable or disable. A pulldown menu appears. Choose up or down , and then repeat this step for each additional card that you want to enable or disable. |
-

Configuring Port Properties

You can use the edit menu to configure port properties, or you can use the chassis display directly. To configure port properties from the chassis display, refer to the [“Chassis Display Tasks” section on page 2-1](#).

Configuring Port Name

You can rename ports from a one-port display or a multiple-port display.

Configuring the Name of One Port

To configure the name from one port, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | Click the port whose name you want to change. |
| Step 2 | Click the Edit menu and choose Port Properties . A window opens and displays port details. |

- Step 3** Edit the name in the **Port Name** field, click the **Apply** button, and then click the **Close** button.
-

Configuring the Names of Multiple Ports

To configure the names from multiple ports, perform the following steps:

- Step 1** Click **Edit > Select All**, and then click the type of the ports whose names you want to configure.
- Step 2** Click the **Edit** menu and choose **Port Properties**. A window opens and displays a tabular layout of the properties of the ports.
- Step 3** Double-click the text in the Port Name column of a port that you want to rename, and then edit the name. Repeat this step for all ports that you want to rename.
- Step 4** Click the **Apply** button, and then click the **Close** button.
-

Enabling or Disabling a Port

You can enable or disable ports from a one-port display or a multiple-port display.

Enabling or Disabling a Port from One Port

To enable or disable one port, perform the following steps:

- Step 1** Click the port that you want to enable or disable.
- Step 2** Click the **Edit** menu and choose **Port Properties**. A window opens and displays port details.
- Step 3** In the **Enable/Disable Port** field, click the **up** radio button or **down** radio button.
- Step 4** Click the **Apply** button, and then click the **Close** button.
-

Enabling or Disabling Ports from Multiple Ports

To enable or disable ports from multiple ports, perform the following steps:

- Step 1** Click **Edit > Select All**, and then click the type of the ports whose names you want to configure.
- Step 2** Click the **Edit** menu and choose **Port Properties**. A window opens and displays a tabular layout of the properties of the ports.
- Step 3** Click the cell in the **Enable/Disable Port** column of a port that you want to enable or disable, and then choose **up** or **down** from the pulldown menu that appears.
- Step 4** Click the **Apply** button, and then click the **Close** button.
-

Enabling or Disabling Autonegotiation

You can enable or disable autonegotiation on ports from a one-port display or a multiple-port display.

Enabling or Disabling Autonegotiation from One Port

To enable or disable autonegotiation on a port from one port, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | Click the port that you want to enable or disable. |
| Step 2 | Click the Edit menu and choose Port Properties . A window opens and displays port details. |
| Step 3 | Check or uncheck the Enable Auto-Negotiation checkbox. |
| Step 4 | Click the Apply button, and then click the Close button. |
-

Enabling or Disabling Autonegotiation from Multiple Ports

To enable or disable autonegotiation on ports from multiple ports, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | Click Edit > Select All , and then click the type of the ports whose names you want to configure. |
| Step 2 | Click the Edit menu and choose Port Properties . A window opens and displays a tabular layout of the properties of the ports. |
| Step 3 | Click the cell in the Enable Auto-Negotiation column of a port that you want to configure, and then choose true or false from the pulldown menu that appears. |
| Step 4 | Click the Apply button, and then click the Close button. |
-

Configuring the Port Speed

You can configure port speed from a one-port display or a multiple-port display.

**Note**

You must disable autonegotiation on a port before you assign a speed to the port.

Configuring the Port Speed from One Port

To configure port speed from one port, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | Click the port that you want to enable or disable. |
| Step 2 | Click the Edit menu and choose Port Properties . A window opens and displays port details. |
| Step 3 | Click the radio button, in the Set Port Speed field, of the speed that you want to apply. |
| Step 4 | Click the Apply button, and then click the Close button. |
-

Configuring the Port Speed from Multiple Ports

To configure port speed on ports from multiple ports at once, perform the following steps:

-
- Step 1** Click **Edit > Select All**, and then click the type of the ports whose names you want to configure.
 - Step 2** Click the **Edit** menu and choose **Port Properties**. A window opens and displays a tabular layout of the properties of the ports.
 - Step 3** Click the cell in the **Set Port Speed** column of a port that you want to configure, and then choose the speed that you want to apply from the pulldown menu that appears. Repeat this step for all ports that you want to configure.
 - Step 4** Click the **Apply** button, and then click the **Close** button.
-

Enabling or Disabling Link Up/Down Traps

You can enable or disable link up and link down traps from a one-port display or a multiple-port display.

Enabling or Disabling Link Up/Down Traps from One Port

To enable or disable up/down traps from one port, perform the following steps:

-
- Step 1** Click the port that you want to configure.
 - Step 2** Click the **Edit** menu and choose **Port Properties**. A window opens and displays port details.
 - Step 3** Click the **enabled** or **disabled** radio button in the **Enable Link Up/Down Trap** field.
 - Step 4** Click the **Apply** button, and then click the **Close** button.
-

Enabling or Disabling Link Up/Down Traps from Multiple Ports

To enable or disable up/down traps from multiple ports, perform the following steps:

-
- Step 1** Click **Edit > Select All**, and then click the type of the ports whose names you want to configure.
 - Step 2** Click the **Edit** menu and choose **Port Properties**. A window opens and displays a tabular layout of the properties of the ports.
 - Step 3** Click the cell in the **Enable Link Up/Down Trap** column of a port that you want to configure, and then choose **enabled** or **disabled** from the pulldown menu that appears. Repeat this step for all ports that you want to configure.
 - Step 4** Click the **Apply** button, and then click the **Close** button.
-

Executing Port Actions

Some port types can execute specific actions. You can execute actions from a one-port display or a multiple-port display.

Executing Port Actions from One Port

To execute actions from one port, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | Click the port that you want to enable or disable. |
| Step 2 | Click the Edit menu and choose Port Properties . A window opens and displays port details. |
| Step 3 | In the Action field, click the radio button of the action that you want to execute. |
| Step 4 | Click the Apply button, and then click the Close button. |
-

Executing Port Actions from Multiple Ports

To execute actions from multiple ports, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | Click Edit > Select All , and then click the type of the ports whose names you want to configure. |
| Step 2 | Click the Edit menu and choose Port Properties . A window opens and displays a tabular layout of the properties of the ports. |
| Step 3 | Click the cell in the Action column of a port on which you want to execute an action, and then choose the action from the pulldown menu that appears. Repeat this step for every port on which you want to execute an action. |
| Step 4 | Click the Apply button, and then click the Close button. |
-

