Chassis Icon Tasks

This chapter describes the Chassis Manager icon tasks and contains these sections:

Viewing Cards on a Chassis

To view the cards on your chassis, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Cards** branch. A table that includes all cards on the chassis appears in the View frame. Table 3-1 lists and describes the fields in the Cards table.

Table 3-1 Cards Table Field Descriptions

Field	Description
Slot	Number of the chassis slot in which the card resides.
Type	Type of the card.
Current Status	Displays “up” if the card can currently run traffic; otherwise, displays “down.”

Table 3-1 Cards Table Field Descriptions (continued)

Field	Description
Operational State	Displays the general condition of the interface card. The general condition may appear as any of the following: • unknown • normal • bootFailed • tooHot • booting • checkingBootImage • wrongBootImage • rebooting • standby • recoveryImage 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. Expand the Chassis icon and click the Fans branch to check to if your fans have failed. The booting condition indicates that the card has not finished loading the necessary image data for internal configuration.

Table 3-1 Cards Table Field Descriptions (continued)

Field	Description
Boot Stage	Boot Stage appears as one of the following: • recovery • ipl • ppcboot • fpga • pic • ib • rootfs • kernel • exe • done
Boot Status	Boot Status may appear as any of the following: • upgrading • success • failed • badVersion • badCrc • memoryError • outOfSpace • programmingError • hardwareError • fileNotFound • inProgress

Step 3 (Optional) Click the **Refresh** button to update the attributes in the display.

Viewing Card Properties

To view card properties, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Cards** branch. A Cards table that includes all cards in the chassis appears. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the card whose properties you want to view.

Step 4 Click the **Properties** button. A Card Properties window opens. Table 3-2 lists and describes the elements in the Card Properties window.

Table 3-2 Card Properties Window Element Descriptions

Element	Description
Slot ID field	Number of the chassis slot in which the card resides.
Type field	Type of the card.
Admin Status field	Displays the “up” and “dow”n radio buttons. Click a radio button, then click the **Apply** button to change the administrative status and bring up or bring down the port.
Current Status field	Displays “up” if the card can currently run traffic, otherwise displays “down.”
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 if your fans have failed. The “booting” condition indicates that the card has not finished loading necessary image data for internal configuration.

Table 3-2 Card Properties Window Element Descriptions (continued)

Element	Description
Boot Stage field	Boot Stage appears as one of the following: • recovery • ipl • ppcboot • fpga • pic • ib • rootfs • kernel • exe • done • none
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.
Action field (select cards only)	Lists radio buttons with the actions that you make the card perform when you click a radio button and then click the **Apply** button.
Result field (select cards only)	Displays the result that occurs when you choose an action from the Action field and click the **Apply** button.
Apply button	Applies the changes that you make in the Card Properties window to the card.
Reset button	Resets the fields in the window to match the properties of the card.

Table 3-2 Card Properties Window Element Descriptions (continued)

Element	Description
Close button	Closes the Card Properties window. If you close the window before you apply changes, Chassis Manager makes no changes to the card.
Help button	Opens online help.

Viewing Card Inventory

To view memory and image information on a card, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Cards** branch. The Cards table appears.

Step 3 Click the radio button next to the card whose inventory you want to view, and then click the **Inventory** button. The Card Inventory window opens. Table 3-3 lists and describes the elements in this window.

Table 3-3 Card Inventory Window Element Descriptions

Element	Description
Slot ID field	Slot on the Server Switch in which the card resides.
Used Memory field	Used memory on the card, in kilobytes.
Free Memory field	Available memory on the device, in kilobytes.
Used Disk Space field	Used disk space on the card, in kilobytes.
Free Disk Space field	Available disk space on the device, in kilobytes.
Current Image Source field	Image that the card runs.
Image Source for Next Reboot field	Image that the card runs when you reboot.
Image One field	First image stored on the card.
Image Two field	Second image stored on the card.
CPU Description field	Description of the CPU on the card.
PIC Firmware Revision field (select cards)	Current PIC firmware version that the card runs.
FPGA Firmware Revision field (select cards)	Current FPGA firmware version that the card runs.
IB Firmware Revision field	Version of InfiniBand firmware on the card. Chassis Manager displays the device-id and version number of the IB chip for each card for Anafa 2 chips. This content appears in parentheses next to the firmware version. For original Anafa chips, no parenthetical text appears.
Close button	Closes the Card Inventory window.
Help button	Opens online help.

Configuring Administrative Status of a Card

With Chassis Manager, you can bring up or shut down any card on your chassis. To configure the administrative status of a card, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Cards** branch. A table of the cards in the chassis appears. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the card that you want to configure.

Step 4 Click the **Properties** button. A Card Properties window opens.

Step 5 In the Admin Status field of the, click the “up” or “down” radio button, and then click the **Apply** button.

Viewing Internal Gateway Ports

Each Fibre Channel gateway and Ethernet gateway uses two internal ports to pass traffic through your device.

Note Not all hardware platforms provide this option.

To view gateway port details, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Cards** branch. A Cards table that includes all cards in the chassis appears. A radio button appears to the left of each table entry.

Step 3 Click the radio button to the left of the card whose gateway (internal) ports you want to view.

Step 4 From the Show Options... pulldown menu, select **Show Gateway Ports**. The Gateway Ports table opens in the View frame. For a description of the fields in the Gateway Ports table, refer to Table 3-4.

Table 3-4 Gateway Ports Table Field Descriptions

Field	Description
GW Port	Port number, in slot#/port# format.
Name	Port name.
Type	Port type.

Viewing Physical Ports on a Chassis

To view the physical ports on your device, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. A table that includes all ports on the chassis appears in the View frame. Table 3-5 lists and describes the fields in the Ports table.

Table 3-5 Ports Display Field Descriptions

Field	Description
Port	Slot#/port# identifier of the port.
Name	User-configured port name.
Type	Displays the type of the port. Types begin with fc to indicate Fibre Channel, en to indicate Ethernet, and ib to indicate InfiniBand.
Admin Status	Displays “up” when you bring up the port, otherwise displays “down.”
Oper Status	Indicates whether or not the port is ready for use.
MTU	Maximum transmission unit (MTU) of the port, in bytes.

Step 3 (Optional) Click the **Refresh** button to update the attributes in the display.

Viewing Port Properties

To view port properties, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. A Ports table that includes all cards in the chassis appears. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the port whose properties you want to view.

Step 4 Click the **Properties** button. The Port Properties window opens. Each type of port displays different properties in this window.

Note Available port types vary by hardware platform.

Table 3-6 lists and describes the fields in the Port Properties window of an Ethernet port.

Table 3-6 Ethernet Port Properties Window Element Descriptions

Element	Description
Port field	Displays the port number in slot#/port# notation.
Name field	Provides a port name that you can edit and apply to the port.

Table 3-6 Ethernet Port Properties Window Element Descriptions (continued)

Element	Description
Type field	Displays the type of the port.
Admin Status field	Provides the “up” and “down” radio buttons so you can configure the administrative status of the port.
Oper Status field	Indicates whether or not the port is ready for use.
Auto Negotiation Supported field	Displays “true” if the port supports auto-negotiation
Auto Negotiation field	Provides the Enable checkbox so you can enable or disable autonegotiation on the port.
Set Port Speed field	Provides radio buttons to let you configure the speed of the port.
Current Speed field	Displays the speed of the port.
Set Port 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.
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.
Result field	Displays the result of the action that you perform from the Action field.
Apply button	Applies the changes that you make in the Port Properties window to the port.
Reset button	Resets the fields in the window to match the properties of the card.
Close button	Closes the window. If you close the window before you apply changes, Chassis Manager makes no changes to the card.
Help button	Opens on-line help.

Table 3-7 lists and describes the fields in the Port Properties window of an Fibre Channel port.

Table 3-7 Fibre Channel Port Properties Window Element Descriptions

Element	Description
Port field	Displays the port number in slot#/port# notation.
Name field	Provides a port name that you can edit and apply to the port.
Type field	Displays the type of the port.
Admin Status field	Provides the “up” and “down” radio buttons so you can configure the administrative status of the port.

Table 3-7 Fibre Channel Port Properties Window Element Descriptions (continued)

Element	Description
Oper Status field	Displays “up” to indicate that the port is physically ready for use, otherwise displays “down.”
Auto Negotiation Supported field	Displays “true” if the port supports auto-negotiation
Auto Negotiation field	Provide the Enable checkbox so you can enable or disable auto-negotiation on the port.
Set Port Speed field	Provides the 1G and 2G radio buttons so you can configure the port speed.
Current Speed field	Displays the speed of the port.
Current Connection Type field	Indicates the type of connection that the Server Switch dynamically discovered for this port.
MTU field	Displays the maximum transmission unit (MTU) of the port, in bytes.
WWNN field	Displays the world-wide node name (WWNN) of your device.
WWPN field	Displays the world-wide port name (WWPN) of the port.
FC ID field	Fibre Channel Protocol (FCP) identifier of the port.
Last Changed On field	Displays the time and date of the last time that a user configured the port.
Apply button	Applies the changes that you make in the Port Properties window to the port.
Reset button	Resets the fields in the window to match the properties of the card.
Close button	Closes the window. If you close the window before you apply changes, Chassis Manager makes no changes to the port.
Help button	Opens on-line help.

Table 3-8 lists and describes the fields in the Port Properties window of an InfiniBand port.

Table 3-8 InfiniBand Port Properties Window Element Descriptions

Element	Description
Port field	Displays the port number in slot#/port# notation.
Name field	Provides a port name that you can edit and apply to the port.
Type field	Displays the type of the port.
Admin Status field	Provides the “up” and “down” radio buttons so you can configure the administrative status of the port.
Oper Status field	Displays “up” to indicate that the port is physically ready for use, otherwise displays “down.”
Auto Negotiation Supported field	Displays “true” if the port supports auto-negotiation
Auto Negotiation field	Provide the Enable checkbox so you can enable or disable autonegotiation on the port.

Table 3-8 InfiniBand Port Properties Window Element Descriptions (continued)

Element	Description
Set Port Speed field	Provides the 2500M, 10G, and 30G radio buttons so you can configure the port speed.
Current Speed field	Displays the speed of the port.
Physical State field	Displays the physical state of the port.
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.
Apply button	Applies the changes that you make in the Port Properties window to the port.
Reset button	Resets the fields in the window to match the properties of the card.
Close button	Closes the window. If you close the window before you apply changes, Chassis Manager makes no changes to the port.
Help button	Opens on-line help.

Viewing Port Bridging Properties

To view the bridge to which a port belongs, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. A Ports table that includes all cards in the chassis appears. A radio button appears to the left of each table entry.

Step 3 Click the radio button next to the port whose bridging properties you want to view.

Step 4 Select **Show Bridging** from the Show Options pulldown menu. The Port Bridging table appears in the View frame. Table 3-9 lists and describes the fields in this table.

Table 3-9 Port Bridging Table Field Descriptions

Field	Description
Port	Port that you chose from the Ports table.
Vlan	Virtual LAN (VLAN) of the bridge to which the port belongs.
Bridge ID	Bridge ID of the bridge to which the port belongs.

Viewing Port Statistics

To view port statistics, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. The Ports table appears in the View frame.

Step 3 Click the radio button next to the port whose statistics you want to view, then select **Show Port Statistics** from the Show Options pulldown menu. The Port Statistics display appears in the View frame. Table 3-10 lists and describes the fields in this display.

Table 3-10 Port Statistics Display Field Descriptions

Field	Description
Port	Port number, as assigned by the subnet manager.
Name	Administratively assigned port name.
In Octets	Cumulative number of octets that arrived at the port, including framing characters.
In Unicast Packets	Cumulative number of incoming packets destined for a single port.
In Multicast Packets	Cumulative number of incoming packets destined for the ports of a multicast group.
In Broadcast Packets	Cumulative number of incoming packets destined for all ports on the fabric.
In Discards	Cumulative number of inbound packets that the port discarded for a reason other than a packet error (lack of buffer space).
In Errors	Number of inbound packets with errors that the port discarded.
In Unknown Protocols	For packet-oriented interfaces, the number of packets received via the interface that were discarded because of an unknown or unsupported protocol. For character-oriented or fixed-length interfaces that support protocol multiplexing, the number of transmission units received via the interface that were discarded because of an unknown or unsupported protocol. For any interface that does not support protocol multiplexing, this counter is always 0.
Out Octets	Total number of octets transmitted out of the interface, including framing characters.
Out Unicast Packets	Total number of packets that higher-level protocols requested be transmitted, and which were not addressed to a multicast or broadcast address at this sublayer, including those that were discarded or not sent.
Out Multicast Packets	Total number of packets that higher-level protocols requested be transmitted, and which were addressed to a multicast address at this sublayer, including those that were discarded or not sent. For a MAC layer protocol, this includes both Group and Functional addresses.
Out Broadcast Packets	Total number of packets that higher-level protocols requested to be transmitted, and which were addressed to a broadcast address at this sub-layer, including those that were discarded or not sent.

Table 3-10 Port Statistics Display Field Descriptions (continued)

Field	Description
Out Discards	Number of outbound packets that were chosen to be discarded even though no errors had been detected to prevent their transmission. One possible reason for discarding such a packet could be to free buffer space.
Out Errors	For packet-oriented interfaces, the number of outbound packets that could not be transmitted because of errors. For character-oriented or fixed-length interfaces, the number of outbound transmission units that could not be transmitted because of errors.

Configuring Ports

Chassis Manager provides different configuration options for each type of port. The options available to each port will appear in the Port Properties window.

Configuring a Port Name

To configure the administrative name of a port, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. The Ports table appears in the View frame. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the port to which you want to assign a name.

Step 4 Click the **Properties** button. The Port Properties window opens.

Step 5 In the Name field of the Port Properties window, enter a name for the port, and then click the **Apply** button.

Step 6 Click the **Close** button to close the Port Properties window.

Enabling or Disabling a Port

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

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. The Ports table appears in the View frame. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the port to which you want to assign a name.

Step 4 Click the **Properties** button. The Port Properties window opens.

Step 5 In the Admin Status field of the Port Properties window, click the **up** (enable) or **down** (disable) radio button, and then click the **Apply** button.

Step 6 Click the **Close** button to close the Port Properties window.

Configuring Autonegotiation on a Port

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

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. The Ports table appears in the View frame. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the port to which you want to assign a name.

Step 4 Click the **Properties** button. The Port Properties window opens.

Step 5 In the Auto Negotiation field of the Port Properties window, click the **Enable** checkbox to check (enable) or uncheck (disable) it, and then click the **Apply** button.

Step 6 Click the **Close** button to close the Port Properties window.

Configuring Port Speed

To configure the speed of a port, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Ports** branch. The Ports table appears in the View frame. A radio button appears to the left of each table entry.

Step 3 Click the radio button of the port to which you want to assign a name.

Step 4 Click the **Properties** button. The Port Properties window opens.

Step 5 In the Auto Negotiation field, uncheck the **Enable** checkbox (if necessary).

Step 6 In the Set Port Speed field of the Port Properties window, click a radio button to select a speed, and then click the **Apply** button.

Step 7 Click the **Close** button to close the Port Properties window.

Viewing Power Supply Status

To view the status of the power supplies on your device, perform the following steps:

Note Not all hardware platforms include power supply information. In such cases, the Power Supplies branch does not appear.

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Power Supplies** branch. The Power Supplies table appears in the View frame. Table 3-11 lists and describes the fields in the Power Supplies table.

Table 3-11 Power Supply Table Field Descriptions

Field	Description
PS ID	Numeric identifier of the power supply. For more information on the power supplies in your device, refer to your hardware documentation.
Type	Type of power (AC or DC).
Admin Status	Displays “up” if you have activated your power supply or “down” (on select chassis) if you have disabled your power supply.
Current Status	Displays “up” to indicate that your power supply functions and currently supplies power to your device. Displays “down” for faulty power supplies.
Utilization	Percentage of total power supply resources in use.
Voltage	Voltage of the power supply.

Viewing Power Supply Properties

To view the properties of the power supplies on your device, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Power Supplies** branch. The Power Supplies table appears in the View frame.

Step 3 Click the radio button next to the power supply whose properties you want to view.

Step 4 Click the **Properties** button. The Power Supply Properties window opens. Table 3-12 lists and describes the fields in the Power Supplies Properties table.

Table 3-12 Power Supply Property Window Field Descriptions

Field	Description
PS ID field	Numeric identifier of the power supply. For more information on the power supplies in your device, refer to your hardware documentation.
Type field	Type of power (AC or DC).
Current Status field	Displays “up” to indicate that your power supply functions and currently supplies power to your device. Displays “down” for faulty power supplies.
Utilization field	Percentage of total power supply resources in use.
Voltage field	Voltage of the power supply.
Product Serial Num field	Product serial number of the power supply.
PCA Serial Num field	PCA serial number of the power supply.

Table 3-12 Power Supply Property Window Field Descriptions (continued)

Field	Description
PCA Assembly Num field	PCA assembly number of the power supply.
FRU Num field	FRU number of the power supply.
Apply button	Applies the changes that you make in the window to the port.
Reset button	Resets the fields in the window to match the properties of the element.
Close button	Closes the window. If you close the window before you apply changes, Chassis Manager makes no changes to the element.
Help button	Launches on-line help.

Viewing Fan Status

To view the status of the fans on your device, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Fans** branch. The Fans table appears in the View frame. Table 3-13 lists and describes the fields in the Fans table.

Table 3-13 Fan Table Field Descriptions

Field	Description
Fan ID	Numeric identifier of the fan. For more information on the fans in your device, refer to your hardware documentation.
Current Status	Displays “up” if the fan functions properly; otherwise, displays “down.”
Speed (%)	Displays the speed of the fan in percentage of maximum speed.

Viewing Fan Properties

To view the properties of the power supplies on your device, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Fans** branch. The **Fans** table appears in the View frame.

Step 3 Click the radio button next to the fan whose properties you want to view.

Step 4 Click the **Properties** button. The Fan Properties window opens. Table 3-14 lists and describes the fields in the Fans Properties table.

Table 3-14 Fan Properties Window Field Descriptions

Field	Description
Fan ID field	Numeric identifier of the fan. For more information on the fans in your device, refer to your hardware documentation.
Current Status field	Displays “up” if the fan functions properly; otherwise, displays “down.”
Speed field	Displays the speed of the fan in percentage of maximum speed.
Product Serial Num field	Product serial number of the fan.
PCA Serial Num field	PCA serial number of the fan.
PCA Assembly Num field	PCA assembly number of the fan.
FRU Num field	FRU number of the fan.
Close button	Closes the window. If you close the window before you apply changes, Chassis Manager makes no changes to the element.
Help button	Launches online help.

Viewing Temperature Sensor Status

To view the status of the power supplies on your device, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Sensors** branch. The Sensors table appears in the View frame. Table 3-15 lists and describes the fields in the Power Supplies table.

Table 3-15 Sensors Table Field Descriptions

Field	Description
Slot ID	Numeric identifier of the slot in which the temperature sensor resides. For more information on the slots in your device, refer to your hardware documentation.
Sensor ID	Numeric identifier of the temperature sensor.
Current Status	Displays “up” for functional sensors and “down” for faulty sensors.
Operational Code (Oper Code)	Operational code of the sensor. This field displays normal, tempAlert, currAlert, or voltAlert.
Current Temp (select chassis)	Current temperature of the chassis.
Alarm Temp (select chassis)	Chassis temperature that triggers an alarm.
Shutdown Temp (select chassis)	Chassis temperature that triggers a shutdown.

Viewing the Backplane Information

To view backplane information, perform the following steps:

Note This feature is not available on all hardware platforms.

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Click the **Backplane** branch. The Backplane display appears in the View frame. Table 3-16 lists and describes the fields in this display.

Table 3-16 Backplane Display Field Descriptions

Field	Description
Serial Number	Factory-assigned product serial number.
PCA Serial Number	Printed circuit assembly (PCA) serial number.
PCA Assembly Number	Printed circuit assembly (PCA) assembly number.
FRU Num	Field replaceable unit (FRU) number.
Chassis ID	GUID of the chassis
Base MAC Address	24-bit base MAC address of this chassis.
Chassis GUID	GUID of the chassis.

Viewing Management Ports on a Chassis

To view the configurations of management ports on your device, perform the following steps:

Step 1 Expand the **Chassis** icon in the Tree frame.

Step 2 Expand the **Management Ports** sub-icon in the Tree frame.

Step 3 Click the **Serial**, **Ethernet**, or **InfiniBand** branch to view the attributes of that management port.

Table 3-17 lists and describes the fields in the Serial Management Ports display.

Table 3-17 Serial Management Ports Display Field Descriptions

Field	Description
Baud Rate	Transmission speed to which you must configure your serial connection.
Data Bits	Data bits value to which you must configure your serial connection.

Table 3-17 Serial Management Ports Display Field Descriptions (continued)

Field	Description
Stop Bits	Stop bits setting to which you must configure your serial connection.
Parity	Parity setting to which you must configure your serial connection.

Table 3-18 lists and describes the fields in the Ethernet Management Ports display.

Table 3-18 Ethernet Management Ports Display Field Descriptions

Field	Description
MAC Address	Media access control (MAC) address of the Ethernet Management Port.
Enable Auto Negotiation	Displays “true” if you have enabled autonegotiation and “false” if you have disabled auto-negotiation.
Administrative Port Status	Displays “down” if you have shut down the port and “up” if you brought up the port.
Current Port Status	Displays “up” if the port runs successfully and “down” if the port cannot run traffic for physical, logical, or administrative reasons.
IP Address	IP address of the Ethernet Management port.
Net Mask	Subnet mask of the Ethernet Management port.
Gateway	Default IP gateway of the Ethernet Management port.
Address Option	Configured Management Port address option.

Table 3-19 lists and describes the fields in the InfiniBand Management Ports display.

Table 3-19 InfiniBand Management Ports Display Field Descriptions

Field	Description
Administrative Port Status	Displays “down” if you have shut down the port and “up” if you brought up the port.
Current Port Status	Displays “up” if the port runs successfully and “down” if the port cannot run traffic for physical, logical, or administrative reasons.
IP Address	IP address of the InfiniBand Management port.
Net Mask	Subnet mask of the InfiniBand Management port.
Gateway	Default IP gateway of the InfiniBand Management port.
Address Option	Address option of the IB management port.
MTU	Maximum transmission unit of the IB management port.