CHAPTER 28

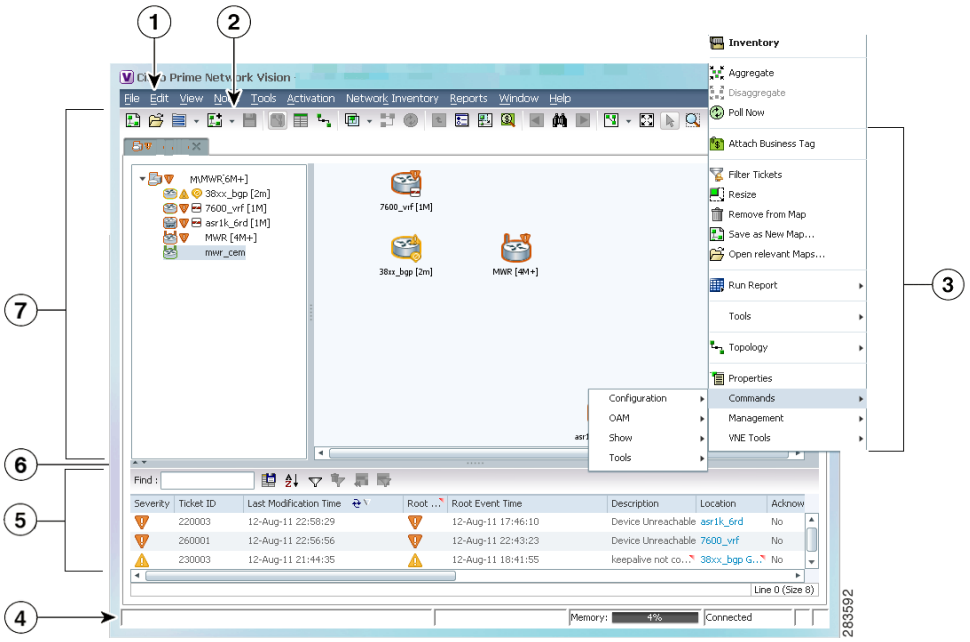
Using the Prime Network Basic Operation Commands

Prime Network allows you to perform basic operations on a selected network element. To perform the basic operation commands, you can launch it in a network element from the Prime Network Vision List or Map View. Figure 28-1 shows what happens when you right-click a network element. From here, you can choose **Commands**.

Note To view the basic operation commands in the Cisco Carrier Packet Transport (CPT) System, you must right-click the Cisco Carrier Packet Transport (CPT) System in the Prime Network Vision List or Map View and click **Logical Inventory > CPT Context Container**.

Note The basic operation commands in this chapter can be executed by all network elements that run on Cisco IOS software, Cisco IOS XR software, and Cisco NX OS software. You will not be able to execute these commands on network elements that have Cisco Catalyst OS software.

Figure 28-1 Basic Operation Commands



1	Menu Bar	**5**	Ticket Pane
2	Tool bar	**6**	Hide/display Ticket Pane
3	Device Right-click Menu	**7**	Navigation Pane
4	Status Bar		

The basic operation commands that you can perform include:

- Configuration Commands, page 28-2
- Show Commands, page 28-24
- Tools Commands, page 28-27
- OAM Commands, page 28-30

Configuration Commands

The configuration commands allow you to configure the selected network element. The commands include:

- Add Interface Configuration, page 28-3
- Remove Interface Configuration, page 28-4
- Update Interface Configuration, page 28-4
- Add Loopback Interface, page 28-5
- Add Port Description, page 28-6
- Remove Port Description, page 28-6

Add Interface Configuration

Use the **Add Interface Configuration** command to add an interface configuration to the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Physical Inventory**.

Step 3 Choose the corresponding interface and right-click, choose **Commands > Configuration > Add Interface Configuration**.

Step 4 Enter the value for the following parameters.

Input Parameter	Description
IP Address Type	The IP address family- can be IPv4 or IPv6
IP Address	The IP address - can be IPv4 or IPv6
Mask	The subnet mask IP address.
Description	The description of the interface.

Step 5 To see the commands that will be applied on the device, click **Preview**.

Step 6 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 7 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 8 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 9 To close the dialog box, click **Close**.

Remove Interface Configuration

Use the **Remove Interface Configuration** command to remove an interface configuration from the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Logical Inventory > Routing Entities.** Choose the corresponding interface and right-click.

Step 3 Choose **Commands > Configuration > Remove Interface Configuration.**

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Update Interface Configuration

Use the **Update Interface Configuration** command to update an interface configuration on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Logical Inventory > Routing Entities.** Choose the corresponding interface and right-click.

Step 3 Choose **Commands > Configuration > Update Interface Configuration**.

Step 4 Enter the value for the following parameter.

Input Parameter	Description
Description	The description of the interface.

Step 5 To see the commands that will be applied on the device, click **Preview**.

Step 6 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 7 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 8 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 9 To close the dialog box, click **Close**.

Add Loopback Interface

Use the **Add Loopback Interface** command to add a loop back interface on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > Add Loopback Interface**.

Step 3 Enter the value for the following parameter

Input Parameter	Description
IPAddress Type	The IP address family- can be IPv4 or IPv6
Address	The IP address - can be IPv4 or IPv6
Loopback ID	The loopback identifier of the IP address.
Mask	The subnet mask IP address - can be IPv4 or IPv6

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add Port Description

Use the **Add port description** command to add a port description on the selected network element.

Note This command is unavailable on the Cisco Carrier Packet Transport (CPT) System.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Physical Inventory.

Step 3 Choose the corresponding interface and right-click, choose **Commands > Configuration > Add port description**.

Step 4 Enter the value for the following parameter.

Input Parameter	Description
Description	The description of the port.

Step 5 To see the commands that will be applied on the device, click **Preview**.

Step 6 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 7 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 8 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 9 To close the dialog box, click **Close**.

Remove Port Description

Use the **Remove port description** command to remove a port description on the selected network element.

Note This command is unavailable on the Cisco Carrier Packet Transport (CPT) System.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Physical Inventory.

Step 3 Choose the corresponding interface and right-click, choose **Commands > Configuration > Remove port description.**

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Update Port Description

Use the **Update port description** command to update the port description on the selected network element.

Note This command is unavailable on the Cisco Carrier Packet Transport (CPT) System.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Physical Inventory.

Step 3 Choose the corresponding interface and right-click, choose **Commands > Configuration > Update port description**.

Step 4 Enter the value for the following parameter.

Input Parameter	Description
Description	The description of the port.

Step 5 To see the commands that will be applied on the device, click **Preview**.

Step 6 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 7 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 8 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 9 To close the dialog box, click **Close**.

Change Port Status

Use the **Change port status** command to add a loop back interface on the selected network element.

Note This command is unavailable on the Cisco Carrier Packet Transport (CPT) System.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Physical Inventory.

Step 3 Choose the corresponding interface and right-click, choose **Commands > Configuration > Change Port Status**.

Step 4 Enter the value for the following parameter.

Input Parameter	Description
Status	The status of the port.

Step 5 To see the commands that will be applied on the device, click **Preview**.

Step 6 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 7 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 8 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 9 To close the dialog box, click **Close**.

Enable traps

Use the **Enable traps** command to enable traps on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > SNMP > Enable traps**.

Step 3 Enter the value for the following parameter

Input Parameter	Description
Community	The community name.
Host address	The host address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove Access List

Use the **Remove access list** command to remove the access list on the selected network element.

Note You can not execute this command on network elements that run on Cisco IOS XR software.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Remove access list**.

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Remove Access List Entry

Use the **Remove access list entry** command to remve access list entry on the selected network element.

Note You can not execute this command on network elements that run on Cisco IOS XR software.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Remove access list entry**.

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Remove Rate Limit

Use the **Remove rate limit** command to remove the rate limit on the selected network element.

Note You can not execute this command on network elements that run on Cisco IOS XR software.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Remove rate limit**.

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Write Memory

Use the **Write memory** command to write memory on the selected network element.

Note You can not execute this command on network elements that run on Cisco IOS XR software.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > Write memory.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Disable Interface

Use the **Disable Interface** command to disable the interface on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Logical Inventory > Routing Entities. Choose the corresponding interface and right-click.

Step 3 Choose **Commands > Configuration > Disable Interface.**

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Enable Interface

Use the **Enable Interface** command to enable the interface on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Logical Inventory > Routing Entities. Choose the corresponding interface and right-click.

Step 3 Choose **Commands > Configuration > Enable Interface.**

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Assign Port To Vlan

Use the **Assign Port To Vlan** command to assign a port to VLAN on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Logical Inventory > Routing Entities. Choose the corresponding interface and right-click.

Step 3 Choose **Commands > Configuration > Assign Port To Vlan.**

Step 4 Enter the folowing parameter.

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Input Parameter	Description
VLAN ID	The VLAN identifier. Value should be with in the range 1 to 4094.

Step 5 To see the commands that will be applied on the device, click **Preview**.

Step 6 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 7 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 8 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 9 To close the dialog box, click **Close**.

DeAssign Port To Vlan

Use the **DeAssign Port To Vlan** command to de-assign a port to VLAN on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose Logical Inventory > Routing Entities. Choose the corresponding interface and right-click.

Step 3 Choose **Commands > Configuration > DeAssign Port To Vlan.**

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add Host Name

Use the **Add Host Name** command to add a host name on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Add Host Name.**

Step 3 Enter the value for the following parameter.

Input Parameter	Description
Host name	The name of the host.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove Host Name

Use the **Remove Host Name** command to remove a host name on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Remove Host Name.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Add DNS Server

Use the **Add DNS Server** command to add a DNS server to the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > DNS > Add DNS Server.**

Step 3 Enter the values for the following parameters

Input Parameter	Description
Domain Name	The name of the domain.
Domain List	The name of the domain list.
Domain Name Server Address 1 ([A.B.C.D])	The domain name server address 1.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove DNS Server

Use the **Remove DNS Server** command to add a DNS server from the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > DNS > Remove DNS Server.**

Step 3 Enter the values for the following parameters

Input Parameter	Description
Domain Name	The name of the domain
Domain List	The name of the domain list
Domain Name Server Address 1 ([A.B.C.D])	The domain name server address 1.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add NTP Server

Use the **Add NTP Server** command to add a NTP server from the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > NTP > Add NTP Server.**

Step 3 Enter the values for the following parameters

Input Parameter	Description
IPAddress Type	The address family- IPV4 or IPV6 values.
NTP Server Address	The NTP server IP address.
Version Number	The version number.
Key Id	The key identifier. The range should be from 0 to 4294967295.
Interface Name	The name of the interface.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove NTP Server

Use the **Remove NTP Server** command to remove a NTP server from the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > NTP > Remove NTP Server.**

Step 3 Enter the values for the following parameter.

NTP Server Address, The NTP server IP address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Syslog Host Logging

Use the **Syslog Host Logging** command to view the syslogs of host logging on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Syslog Host Logging**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Host Type	The host type- IPV4 or IPV6 host.
Logging Host	The IP address of the logging host.
Logging Buffer Size	Logging buffer size. Value should be in the range from 4096 to 2147483647.
Logging Buffered	Logging Buffered
Logging Facility	Logging Facility
Logging Severity Level	Logging Severity Level
Logging History	Logging History

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add Traps

Use the **Add Traps** command to add traps on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Snmp > Add Traps**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Trap 1	Trap list 1
Trap 2	Trap list 2
Trap 3	Trap list 3
Trap 4	Trap list 4
Trap 5	Trap list 5
Trap 6	Trap list 6
Trap 7	Trap list 7

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove Traps

Use the **Remove Traps** command to remove traps on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Snmp > Remove Traps**.

Step 3 Enter the values for the following parameters.

Input Parameter	Description
Trap 1	Trap list 1
Trap 2	Trap list 2
Trap 3	Trap list 3
Trap 4	Trap list 4
Trap 5	Trap list 5
Trap 6	Trap list 6
Trap 7	Trap list 7

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add Radius Server

Use the **Add Radius Server** command to add a radius server on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > RADIUS > Add Radius Server**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Radius Server Host Address	The radius server host IP address
Authentication port value	The authentication port. Value should be in the range 0 to 65535.
key-value	The key-value of th radius server??
Authentication List Name	The authentication list name.
Group Name	The name of the group.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove Radius Server

Use the **Remove Radius Server** command to remove a radius server on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > RADIUS > Remove Radius Server**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Radius Server Host Address	The radius server host IP address
Authentication List Name	The authentication list name.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add Tacacs Server

Use the **Add Tacacs Server** command to add a TACAS server on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > TACACS > Add Tacacs Server**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Tacacs Server Host Address	The TACAS Server Host IP Address.
Retransmit Value	The retransmit value. Values should be in the range 0 to 100.
Timeout Value	The timeout value. Value should be in the range 1 to 1000.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove Tacacs Server

Use the **Remove Tacacs Server** command to remove a TACAS server on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > TACACS > Remove Tacacs Server**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Tacacs Server Host Address	The TACAS Server Host IP Address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add Tacacs+ Server

Use the **Add Tacacs Server** command to add a TACAS+ server on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > TACACS+ > Add Tacacs+ Server**.

Step 3 Enter the values for the following parameters

Input Parameter	Description
Tacacs+ Server Host Address	The TACACS+ server host IP address.
key-value	The key-value.
Authentication List Name	The authentication list name.
Group Name	The name of the group.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove Tacacs+ Server

Use the **Add Tacacs Server** command to remove a TACAS+ server on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > TACACS+ > Remove Tacacs+ Server**.

Step 3 Enter the values for the following parameters.

Input Parameter	Description
Tacacs+ Server Host Address	The TACACS+ server host IP address.
Authentication List Name	The authentication list name.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Add SNMP Configuration

Use the **Add Snmp Configuration** command to add an SNMP configuration on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Snmp > Add Snmp Configuration.**

Step 3 Enter the values for the following parameters.

Input Parameter	Description
Host address	The host address.
Community String	The community string.

Input Parameter	Description
Community Access Type	Community Access Type
Trap community Type	The trap community type.
Snmp Engine ID	The SNMP engine identifier.
Snmp Server View Name	The SNMP server view name.
MIB View Family Name	The MIB view family name.
MIB family Included/Excluded from the view	The MIB family Included/Excluded from the view.
Snmp Server Group Name	The SNMP server group name.
SNMPv3 Group Security Model	The SNMPv3 group security model.
Group Read View Name	The group read view name.
Group Write View Name	The group write view nam.e
Group Notify View Name	The group notify view name.
Snmp Server User Name	The SNMP server user name.
SNMPv3 User Security Model	The SNMPv3 user security model.
Authentication Password	The authentication password.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Remove SNMP Configuration

Use the **Remove Snmp Configuration** command to remove an SNMP configuration on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Snmp > Remove Snmp Configuration.**

Step 3 Enter the values for the following parameters

Input Parameter	Description
Host address	The host address.
Community String	The community string.

Input Parameter	Description
Trap community Type	The trap community type.
Snmp Server View Name	The SNMP server view name.
Snmp Server Group Name	The SNMP server group name.
SNMPv3 Group Security Model	The SNMPv3 group security model.
Snmp Server User Name	The SNMP server user name.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Update SNMP Configuration

Use the **Update Snmp Configuration** command to add an SNMP configuration on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Configuration > System > Snmp > Update Snmp Configuration.**

Step 3 Enter the values for the following parameters.

Input Parameter	Description
Host address	The host address.
Community String	The community string.
Community Access Type	Community Access Type
Trap community Type	The trap community type.
Snmp Server View Name	The SNMP server view name.
MIB View Family Name	The MIB view family name.
MIB family Included/Excluded from the view	The MIB family Included/Excluded from the view.
Snmp Server Group Name	The SNMP server group name.
SNMPv3 Group Security Model	The SNMPv3 group security model.
Group Read View Name	The group read view name.
Group Write View Name	The group write view name.

Input Parameter	Description
Group Notify View Name	The group notify view name.
Snmp Server User Name	The SNMP server user name.
SNMPv3 User Security Model	The SNMPv3 user security model.
Authentication Password	The authentication password.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Show Commands

The show commands allow you to show the details of the selected network element. The commands include:

Interface Brief

Use the **Interface Brief** command to provide more brief information on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > IP > Interface Brief.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

IP Route

Use the **IP route** command to provide more brief information of the IP route of the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > IP route.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

VRF IP Route

Use the **VRF IP route** command to provide information on the VRF IP route of the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > VRF IP route.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Running Config

Use the **Running Config** command to view the running configuration of the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > Running Config.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Running Config from File

Use the **Running Config from file** command to view the running configuration of the selected network element from the file.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > Running Config from file.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Startup Config

Use the **Startup Config** command to view the start-up configuration of the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > Startup Config.**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Users (Telnet Sessions)

Use the **Users (Telnet Sessions)** command to view the details of the telnet sessions of the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Show > Users (Telnet Sessions).**

Step 3 To see the commands that will be applied on the device, click **Preview**.

Step 4 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 5 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 6 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 7 To close the dialog box, click **Close**.

Tools Commands

The tools commands allow you to transfer files from the selected network element. The commands include:

- From FTP, page 28-28
- From TFTP, page 28-28
- To FTP, page 28-29
- To TFTP, page 28-29

Note The tools commands are unavailable on the Cisco Carrier Packet Transport (CPT) System.

From FTP

Use the **From FTP** command to perform FTP on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Tools > File copy > From FTP**.

Step 3 Enter the value for the following parameter.

Input Parameter	Description
Source File	The configuration source file type.
Dest file	The destination configuration file type- running config or start-up config.
Password	The FTP password.
Source IP	The source IP address
Source file	The configuration source file type.
User	The FTP user name

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

From TFTP

Use the **From TFTP** command to perform TFTP on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Tools > File copy > From TFTP**.

Step 3 Enter the value for the following parameter.

Input Parameter	Description
Dest file	The destination configuration file type.
Source IP	The source IP address.
Source file	The configuration source file type.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

To FTP

Use the **To FTP** command to perform FTP on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Tools > File copy > To FTP**.

Step 3 Enter the value for the following parameter

Input Parameter	Description
Destination IP	The destination IP address.
Destination file	The destination file.
Password	The FTP password.
Source file	The source configuration file type.
User	The FTP user name.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

To TFTP

Use the **To TFTP** command to perform TFTP on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > Tools > File copy > To FTP**.

Step 3 Enter the value for the following parameter.

Input Parameter	Description
Destination IP	The destination IP address
Destination file	The destination file
Source file	The source configuration file type

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

OAM Commands

TheOAM commands allow you to perform operations, administration, and maintanence operations on the selected network element. The commands include:

Destination From Device

Use the **Destination From Device** command to view the destination from device on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > OAM > Ping > Destination From Device**.

Step 3 Enter the value for the following parameter.

Input Parameter	Description
Destination address	The destination address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Ping VRF

Use the **Ping VRF** command to perform ping VRF on the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > OAM > Ping VRF**.

Step 3 Enter the value for the following parameter

Input Parameter	Description
Destination address	The destination address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Trace Route From Device

Use the **Trace Route From Device** command to view the trace route from the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > OAM > Trace Route From Device.**

Step 3 Enter the value for the following parameter

Input Parameter	Description
Destination address	The destination address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Trace Route VRF

Use the **Trace Route VRF** command to view the trace route VRF from the selected network element.

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands > OAM > Trace Route VRF.**

Step 3 Enter the value for the following parameter.

Input Parameter	Description
Destination address	The destination address.

Step 4 To see the commands that will be applied on the device, click **Preview**.

Step 5 You can view the commands in the Result tab. You can go back and make any required changes to the input parameters.

Step 6 To schedule the command, click the Scheduling tab. For more details on scheduling, see Scheduling a Command.

Step 7 To run the commands, click **Execute Now**.

You can view errors in the Result tab, if there are any.

Step 8 To close the dialog box, click **Close**.

Scheduling a Command

You can specify when you want to execute a command using the Scheduling tab of the commands window.

To schedule a command, you must:

Step 1 In the Network Vision List or Map View, right-click the network element.

Step 2 Choose **Commands** and then select the desired command**.**

Step 3 Click the Scheduling tab.

Step 4 Choose Execute Now to execute the command at that instance.

Step 5 Choose Schedule Job to schedule the command to execute later.

a. Click Once to specify the command to execute only once. You must specify the date and the time you want the command to execute.

b. Click Recurring to specify that you want the command to be executed in a recurring manner. You must specify the from and to date and time. You can execute the command:

- Every specific time. For example every twenty minutes.
- Daily– You can select Daily if you want the selected command to be executed every day.
- Weekly– You can select which day of the week you want to execute the command.
- Monthly– You can select which day of the month you want to execute the comand.

Step 6 Enter the values for the comment.

Step 7 To preview the executed command, click **Preview**.

Step 8 To execute the command as specified in the command window, click **Execute Now**.

Step 9 To close the window, click **Close**.