

CiscoWorks Blue Maps Features

CiscoWorks Blue Maps is a suite of applications for managing networks of Cisco routers that are enabled for the Remote Source-Route Bridging (RSRB), Data Link Switching (DLSw), or Advanced Peer-to-Peer Networking (APPN) protocols.

This chapter includes the following sections on CiscoWorks Blue Maps applications and features:

- Menu Features in Map Applications
- Getting Help

Note To learn how to start and use the basic features in CiscoWorks Blue Maps, refer to the “Getting Started with CiscoWorks Blue Maps” chapter. For specific task-related information, see the online help. The online help provides procedures and overview information.

Menu Features in Map Applications

The RSRB, APPN, and DLSw Map applications have many features in common. Figure 3-1 shows the main window of the RSRB Map application. Not all options in Figure 3-1 appear in every Map application.

Menu Features in Map Applications

Figure 3-1 RSRB Map Application —Main Window With Menu Options

<p>① <u>F</u>ile</p> <ul style="list-style-type: none"> Open Save Save As Print New Window Clone Window Close Window Exit Program 	<p>② <u>E</u>dit</p> <ul style="list-style-type: none"> Add Device Delete Device(s) Modify Device(s) Rediscover Device(s) 	<p>③ <u>V</u>iew</p> <ul style="list-style-type: none"> Locate Refresh Global Virtual Ring Focus PU LU 	<p>④ <u>L</u>ayout</p> <ul style="list-style-type: none"> Circular Hierarchical Symmetrical See All Zoom Out Zoom In
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⑤ Tools

- Path Tool
- CiscoView
- SNA View Task Mgr

⑥ Admn

- Discover
- Process Control

⑦ Option

- Show Key
- Show Locator

⑧ Help

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Menu Features in Map Applications

Table 3-1 Common File Menu Options in CiscoWorks Blue Maps Applications

File Menu	Purpose
Open	Displays the Map File Selector window. You can: <ul style="list-style-type: none">• Open a previously saved network map file.• Use the Filter field to search for map files with a wildcard, such as asterisk (*) character.• Select the directory where the map file is located
Save	Saves the network map file that is currently displayed in the Map application main window.
Save As	Saves the current network map file under a different name.
Print	Prints the network map to a printer.
New Window	Creates a new main window for the Map application.
Clone Window	Creates an identical main window showing the network map displayed in the first window. This is useful if you want to compare two different parts of your network on side-by-side maps.
Close Window	Closes the main window for the Map application.
Exit Program	Exits the Map application.

Table 3-2 explains the Edit menu options available in all Map applications.

Table 3-2 Common Edit Menu Options in CiscoWorks Blue Maps Applications

Edit Menu	Availability	Purpose
Add Device	RSRB, DLSw	Manually add a device to a Map application network map by specifying its name and its Read Community string.
Delete Device(s)	RSRB, DLSw	Select and delete a device from a network map.
Modify Device(s)	RSRB, DLSw	Select and modify device information by entering a new device name and read community string.
Rediscover Device(s)	RSRB, DLSw	Select a device from a network map and query it to update its information in the Sybase database and display on the network map.

Table 3-3 explains the View menu options in Map applications.

Table 3-3 View Menu Options in CiscoWorks Blue Maps Applications

View Menu	Availability	Purpose
Locate	All Map applications	Locate a specific device in a network map by specifying its name, IP address, or MAC address.
Refresh	RSRB, DLSw	Refresh the displayed network map in the main window with latest status of devices.
Global	All Map applications	Display the global map.
Virtual Ring	RSRB Map	Present a view of a specified virtual ring and its peers.
Focus	RSRB	Select View > Focus and specify the peer name of the device you want in focus view
PU	RSRB Map	Query the status of a specified PU and its dependency. SNA View software must be installed on your mainframe and workstation.

Menu Features in Map Applications

View Menu	Availability	Purpose
LU	RSRB Map	Query the status of a specified LU and its dependency. SNA View software must be installed on your mainframe and workstation.
List All LUs	APPN Map	When selected from the View menu, presents a list of all logical units in the network. When selected by pointing to a node and clicking the right mouse button: <ul style="list-style-type: none">• If that node is an NN (network node), shows all LUs in that node's domain.• If that node is an EN (end node) or LEN (low entry networking node), shows all LUs associated with that node, For each LU, the information includes: <ul style="list-style-type: none">• LU name• network node server• owning CP• type, which can be:<ul style="list-style-type: none">— Home. The LU is local to the node queried, or defined to be on adjacent LEN.— Registered. At served EN with active CP-CP sessions.— Cache. Learned by network search, not necessarily current.
Adjacent Nodes	APPN Map	Display a subset of the APPN map showing the network nodes that are just one hop away from a selected node.
Ports and Links	APPN Map	Display the ports on a selected APPN node (such as Ethernet and Token Ring), plus the links from those ports to adjacent network nodes.

Table 3-4 lists the ways you can view a map in the main window of a Maps application.

Table 3-4 Common Layout Menu Options in Map Applications

Layout Menu	Availability	Purpose
Circular	All Maps	Displays network devices in a circular format.
Hierarchical	All Maps	Displays network devices in a hierarchical format.
Symmetrical	All Maps	Displays network devices in a symmetrical format.
Zoom Out	All Maps	Provides a complete view of the network map.
Zoom In	All Maps	Displays a close-up view of the network map.

Table 3-5 lists the applications you can launch from the Tools menu in a Maps application.

Table 3-5 Tools Menu Options in CiscoWorks Blue Maps Applications

Tools Menu Option	Purpose
Path Tool	<p>Launches the Path Tool application (that is part of your existing CiscoWorks installation)—enables you to view and analyze the path between two devices. You can:</p> <ul style="list-style-type: none"> • Analyze the path to collect utilization and error data. • Display the IP devices encountered between the source and the destination devices, the link speeds connecting these SNMP devices, and the interface names.
CiscoView	<p>Launches the CiscoView application (that is part of your existing CiscoWorks installation)—a GUI-based device management application that provides dynamic status, statistics, and comprehensive configuration information for Cisco Systems' switched internetworking products. CiscoView allows you to display a graphical representation of each network device, display configuration and performance information, examine the status of interfaces, and perform minor troubleshooting tasks. For a list of Cisco devices you can manage with this application and other related information, refer to the <i>CiscoWorks Release Note</i> or <i>CiscoView Release Note</i>.</p>

Menu Features in Map Applications

Tools Menu Option	Purpose
SNA View Task Mgr	Available for all Blue Map applications if CiscoWorks Blue SNA View is installed on your mainframe and workstation. Enables you to: <ul style="list-style-type: none">• Set up connection to the Host and Command Server• Discover your SNA resources• View VTAM messages or MVS messages• Control the Alert Server or Status Manager

Table 3-6 explains the administrator-level functions you can perform with Map applications.

Table 3-6 Admin Menu Options in CiscoWorks Blue Maps Applications

Admin Menu	Availability	Purpose
Discover	RSRB Maps APPN Maps DLSw Maps	Synchronizes the set of IP devices in the Maps database with those in the network management system, and queries each device to ascertain whether it is an RSRB, DLSw, or APPN device.
Process Control	RSRB Maps DLSw Maps	Enables you to start, stop, or reset each of the following daemons used by the RSRB or DLSw Blue Map applications: <ul style="list-style-type: none">• Discover—Discovers your network at intervals you specify.• Sync—Synchronizes the set of IP devices in the Maps Sybase database with those in the network management system at intervals you specify.• Monitor—Accesses the Sybase database for device information and displays the information in a network map.• Poller—Polls all known RSRB or DLSw devices for peer status• Trap—Retrieves the SNMP trap received by the NMS and updates the status of the device in the Sybase.

Table 3-7 lists the Option menu options in the Map applications.

Table 3-7 Option Menu Options in CiscoWorks Blue Maps Applications

Admin Menu	Purpose
Show Key	Displays the color key for the network map.
Show Locator	Displays the Locator window with the Locator Square.

Table 3-8 explains the Help option in all Map applications.

Table 3-8 Help Menu Option in CiscoWorks Blue Maps Applications

Help Menu	Purpose
Contents	Launches the online help for the Maps and SNA View products.

Getting Help

This section explains how to access the online help system.

Use the Maps help system to:

- Get help on specific tasks you want to perform with a Maps application.
- Understand the purpose of specific fields or buttons in windows.

Map applications come with a HyperHelp viewer window that displays help topics.

You can get help by:

- Selecting **Help> Contents** from the main menu bar of any Maps application.
- Clicking on a **Help** button within an application window.

Navigating Help Topics

You can navigate help topics in the HyperHelp Viewer window in a variety of ways:

- Click the **Main** button to display the main contents for the Maps and SNA View applications. From this window you can click on any topic of interest and view a detailed listing of relevant help topics.
- Click on any help topic of interest within the HyperHelp Viewer window.
- Use the **Browse** buttons to navigate backward and forward and view other related help topics.
- Click the **Back** button to return to a previously displayed help topic.
- Click the **Glossary** button to view the glossary.
- Click the **Find** button to perform full-text search.

Searching for a Topic With the Find Dialog Box

The HyperHelp Viewer provides you with a superior search capability through the Find dialog box. Click the **Find** button to access the Find dialog box. Using the Find dialog box, you can quickly locate occurrences of text in almost any combination.

When you enter the desired characters in the text entry field at the top of this dialog box, the corresponding words appear in a list in the middle of the dialog box, and the related topics for those words are listed for display in the bottom portion of the box.

You can search for words that contain text strings that begin or end with, appear in, or contain exactly the characters that are typed.