Doc. No. 78-2835-02 Rev. A0

CiscoView Release Note

This document discusses the CiscoView 3.2 release and includes the following information:

Note This release note was produced on September 20, 1996. For more recent release note information, check Cisco Connection Online (CCO) for possible updates.

What's New in this Release

The CiscoView 3.2(1) release now includes several new Cisco devices on a separate CD called the Network Management Support CD. These devices are also available from the Cisco Connection Online (CCO) service. To mount and install devices from the support CD, refer to the special CD booklet included in your package. Be sure to read the README files on the Network Management Support CD or turn to the section "CiscoView Incremental Device Package Information."

Caution Before installing CiscoView or CiscoView devices, read the caveats in "Installation Notes and Caveats" on page 6.

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The CiscoView 3.2 release now includes support for HP-UX 10.01 and 10.10 and Solaris 2.5 and 2.51.

CiscoView 3.2 consists of the CiscoView 3.1.1 product and device support, plus the additional device support now found on the Network Management Support CD. If you already have release 3.1 installed, you do not need to reinstall release 3.2 (1). Only install the devices you need off the Network Management Support CD.

Table 1 lists the new Cisco devices included on the Network Management Support CD. These devices are supported on all platforms unless otherwise noted.

Table 1 New Device Support in CiscoView Release 3.2

		Supported Operating Systems and Network Management Software		
Cisco Device	**Software Releases**	**SunOS/Solaris and SNM[1]**	**SunOS/Solaris and HP OpenView[2]**	**HP-UX and HP OpenView[3]**
765 and 766	Cisco IOS 10.3, 11.0, and 11.1	X	X	X
CiscoPro 765 and 766	Cisco IOS 10.3, 11.0, and 11.1	X	X	X
1003, 1004, and 1005	Cisco IOS 10.3, 11.0, and 11.1	X	X	X
2520, 2521, 2522, 2523, 2524, 2525, 4000, 4000-M, 4500, 4500-M, 4700, 4700-M	Cisco IOS Software Release 10.0 to 11.1 (Releases 10.2 and 10.3 do not support all cards for the 4000 Series routers.)	X	X	X
CiscoPro 4500	Cisco IOS 11.1 through 11.3	X	X	X
CiscoPro 2520, 2522, 2524	Cisco IOS 10.3, 11.0, and 11.1	X	X	X
AS5200 Universal Access Server	Cisco IOS 11.1(5)	SunOS 4.1.x (Solaris 1.x)	NA	HP-UX 9.0.4 HP OpenView 3.3
7206	Cisco IOS 11.1(5)	X	X	X
Catalyst 1200	Cisco Software Release 4.1	X	X	X
Catalyst 2600	Cisco Software Release SR-2.06	X	X	X
Catalyst 2900	Cisco Software Release 2.1	X	X	X
Catalyst 3000	Cisco Software Release 1.1, 1.2, and 1.3	X	X	X
Catalyst 5000	Cisco Software Release 1.4, 1.5, and 2.1	X	X	X
CPW16	Cisco Software Release 1.1	X	X	X
LS1010	Software Release 11.1, IISP	X	X	X

1. Includes SunOS 4.1.3, 4.1.4, Solaris 2.4 with SunNet Manager 2.2.2 and Solaris 2.5 and 2.51 with SNM 2.2.3 or 2.3
2. Includes SunOS 4.1.3, 4.1.4, Solaris 2.4 with HP OpenView 3.3 and Solaris 2.5 and 2.51 with HP OpenView 4.01 and 4.1. Solaris 2.5 and HP OpenView 4.1 require a patch. For more information, refer to "Installation Notes and Caveats" on page 6.
3. Includes HP-UX 9.04, 9.05 with HP OpenView 3.3 and HP-UX 10.0 and 10.10 with HP OpenView 4.01 and 4.1

Note For the latest device support packages, refer to the Cisco Connection Online (CCO) service.

CiscoView IOS Information

This section contains the latest Cisco IOS (Internetwork Operating System) software version information at the time of printing. New devices and further specifics on IOS support will be updated as devices become supported. For the online release notes, refer to one of the following:

- Cisco Connection Online (CCO), formerly called Cisco Information Online (CIO), in the Cisco Connection Documentation section (continually updated)
- Cisco Connection Documentation, Enterprise Series CD
- CiscoPro Solutions CD

Note The Cisco Connection Documentation, Enterprise Series CD was formerly called UniverCD and the Cisco Connection Documentation, CiscoPro Solutions CD was formerly called UniverCD for CiscoPro.

CiscoView supports Cisco IOS Software Releases 10.0 through 11.1 with the exceptions of access servers, which require a minimum of Cisco IOS Software Release 10.2.

Note CiscoView supports the Qualified Logical Link Control (QLLC) feature in Cisco IOS Software Release 10.3(7) through 11.x. CiscoView supports the Synchronous Data Link Control (SDLC) feature in Cisco IOS Software Release 10.2 through 11.x. CiscoView supports the CIP card in Cisco IOS Software Release 10.2 through 11.x.

Documentation Information

The documentation for CiscoView includes this release note, a CD-ROM booklet, incremental installation instructions, and online help. The primary documentation for CiscoView is the online help. If you have documentation feedback, please email comments to: `bug-doc@cisco.com`

The documents shipped with this release include:

- *CiscoView CD Installation Instructions*
- *Downloading New Cisco Devices and Applications* (quick reference card)
- *CiscoView Release Note*

Customer documentation can also be found on the Cisco Enterprise Customer Documentation CD or on CCO.

CiscoView and Device Information

CiscoView is a GUI-based (graphical user interface) device management software application that provides dynamic status, statistics, and comprehensive configuration information for Cisco Systems' switched and internetworking products. CiscoView lets you display a graphical representation of each network device, view configuration and performance information, configure and control Cisco devices, and perform minor troubleshooting capabilities.

Table 2 contains the list of supported CiscoView devices by product type.

Table 2 Supported CiscoView Devices

Access Products	Workgroup Products	High-End Business Products
Cisco and CiscoPro 765 and 766	Catalyst switch models 1200, 1600, 1700, 2100, 2600, 2800, 2900, 3000, and 5000 series	LightStream 100 (formerly called the Cisco HyperSwitch A100) running RTOS version 3.1(1) and LightStream 2020 running 2.3(1) or later
Cisco 1003, 1004, and 1005	EtherSwitch Pro16, EPS-500, EPS-1500, EPS2115, and EPS2015	Cisco 7000 series (includes 7000 and 7010), 7200 series (includes 7206), and Cisco 7500 series (includes 7505, 7507, and 7513) routers
Cisco 4000 series (includes 4000, 4000-M, 4500, 4500-M, 4700, and 4700-M and CiscoPro 4500)	EtherSwitches: EPS-500, EPS-2115, and Pro16 are managed by their CiscoPro equivalents: CPW500, CPW2115, and CPW16 respectively.	
Cisco 2501, 2502, 2503, 2504, 2505, 2507, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2520, 2521, 2522, 2523, 2524, and 2525	CiscoPro switch models CPW10-100, CPW16, CPW500, CPW1200, CPW1400, and CPW2115	
CiscoPro 2520, 2522, and 2524	Workgroup concentrators 1000, 1100, and 1400, and Workgroup FDDI/CDDI adapters	
Access 5200 Universal Access Server (UNIX release only) with Modem Management application	Cisco LS1010	

Other CiscoView applications supported include:

- CiscoView Flash File Application—These enhancements apply to all high-end business unit routers (Cisco 7000, 7200, and 7500 series). With this application, CiscoView 3.1(1) is enhanced to extend its capability to provide device management functionalities such as the following:
  - Software and configuration file uploading or downloading
  - Configuration file editing
  - Flash filesystem directory display
- AS5200 Manager, Modem Management Application— Enables remotely viewing, monitoring, configuration, and troubleshooting of the AS5200 Universal Access Server from within CiscoView.

Note Check the Cisco World Wide Web site (www.cisco.com) periodically to download information on the latest device support and upgrades.

Incremental Installation Information

There are several ways to add (or incrementally install) new devices to CiscoView 3.2. For our direct customers, refer to the section "Accessing CCO for Additional Cisco Device Support." For our partner initiated customers, refer to the section "Partner Initiated Customer Accounts."

Accessing CCO for Additional Cisco Device Support

Customers can add new devices to CiscoView from CCO or from the Network Management For more information, refer to the *Downloading New Cisco Devices and Applications* quick reference card or to CCO. The CCO URL for the quick reference card is:

http://www.cisco.com/univercd/data/doc/rtr_mgmt/cview/cvincref.htm

It includes information on logging into CCO and how to get devices added to CiscoView.

For access to the device package files from CCO the URL is:

http://http://www.cisco.com/kobayashi/Library_root.shtml

Be sure to read the device README files before downloading any device.

Partner Initiated Customer Accounts

To get more information about the Partner Initiated Customer Accounts (PICA) program before accessing CCO for device package files, use the following URL:

http://www.cisco.com/acs/info/pica.html

You can also refer to "*Downloading New Cisco Devices and Applications*" for CiscoView for information on adding device support. It is orderable, or available on CCO or the Enterprise Customer Documentation CD.

Troubleshooting

If you cannot open a device in CiscoView 3.1(1), a message appears indicating that the device is unmanageable. This message indicates one of the following conditions:

- The Simple Network Management Protocol (SNMP) agent is not running in the device. You can still ping the device from the management station.
- You have entered an incorrect community string in the File - Open Device window.
- The management station cannot reach or successfully ping the device.

CiscoView Notes and Caveats

This section lists notes and restrictions that apply to the CiscoView 3.1(1) release.

- Installation Notes and Caveats, page 6
- Deinstallation Notes and Caveats, page 9
- General Notes and Caveats, page 10

For caveats on the incremental Cisco devices in CiscoView Release 3.2, refer to a specific Cisco device in the “CiscoView Incremental Device Package Information,” on page 16.

For caveats on the CiscoView Release 3.2 for HP-UX 10.x, refer to the section “Installation Notes and Caveats.”

Note For your reference, identification numbers follow the description of the caveat. For example, [CSCdi00001]. If you need to contact Technical Support about one of the following caveats, refer to the identification number to speed up the resolution of any questions or situations you might encounter.

Installation Notes and Caveats

The installation caveats are described below.

Device Installation Patch/Software Module Update (SMU)

If you plan to install incremental device packages at this time or in the future, we recommend you install the CiscoView patch prior to performing the CiscoView incremental device installations.

If this patch is not installed, you might encounter the following error messages:

```
No more textual conventions possible. (OCTETSTRING):  ...
INFO: parse new mib.txt failed. Exiting.
```

Install the CiscoView *parse.unix* patch before you perform CiscoView incremental installation using **cvinstall**. Otherwise, the above problem might be observed. To install the patch, refer to “Installing the CiscoView Patch” for instructions. To install the patch/SMU from CCO, refer to the CiscoView Upgrade Planner at the following URL:

http:www.cisco.com/kobayashi/library/netmanage/cview.index.html

[CSCdi68751]

Installing the CiscoView Patch

If you have the Network Management Support CD, there is a */patch* directory that contains the following files:

- *README.patch.unix*
- *patch.unix*
- *parse.hpux.9*
- *parse.hpux.10*
- *parse.sunos*
- *parse.solaris*

If you do not have the Network Management Support CD, you can access CCO for the CiscoView SMU.

To install the CiscoView patch from the Network Management Support CD, do the following:

Step 1 Become superuser.

Step 2 Change to the */patch* directory; for example:

```
# cd /cdrom/patch
```

Step 3 Install the patch by typing:

```
# ./patch.unix
```

Step 4 If you see any error messages during the patch installation, refer to the README files in the */patch* directory for instructions.

Access Device Package Installation Issues

To install the following device packages off the Network Management Support CD (760, 2500, or 1000 series routers), you must have the 7000 or 4xxx device packages previously installed on your system. [CSCdi69040]

Cvinstall Path Specification

For SUNOS 4.1.x installs, you must define */usr/lib* before */lib* in LD_LIBRARY_PATH. If LD_LIBARY_PATH has */lib:/usr/lib* then *cvinstall* fails when trying to run cvtest, and displays the following error message. [CSCdi58364]

```
dlopen: stub interception failed
/usr/nms/bin/cvinstall: <pid> Abort - core dumped
```

HP OpenView Error Message

The *xnmloadmib* program in HP OpenView might have problems reloading MIB files into the database. The definition of CiscoNetworkProtocol in *CISCO-TC-V1SMI.my* and OwnerString in *IF-MIB-V1SMI.my* displays an error message similar to the following when you run **cvinstall -f**:

```
Error detected while loading MIB file: /net/cv311/etc/cview/mibs/CISCO-TC-V1SMI.my
This MIB cannot be loaded until the following problem is corrected:
Line 44613: Error defining ASN.1 Type: duplicate type with conflicting definition
‘CiscoNetworkProtocol’
```

The work around is to run *xnmloadmib* manually, select and unload all Cisco-specific MIB files from the list box in *xnmloadmib* GUI, then run the command **cvinstall -f** to load all Cisco-specific MIB files. [CSCdi56399]

HyperHelp Resource File

The CiscoView 3.1(1) installation attempts to put the X resource file for HyperHelp in the */usr/lib/X11/app-defaults* directory. Because different systems have different types of X Windows installations, the HyperHelp application does not always locate this resource file. When the resource file is not read, the HyperHelp viewer text might be unreadable on your screen. Do the following to make sure that this resource file is read:

Choose **Options>Set Hyperhelp Defaults** from the CiscoView menu to set resources.

Path Environment Variables

If you get the following error message,

```
couldn't execute "xrdb": no such file or directory
```

this might mean that the missing program (eg xrdb) is not in your path. Check your path environment variable. [CSCdi57661]

Solaris 2.5 and HP OpenView 4.1 Patch Requirement

The CiscoView installation on Solaris may fail if you do not install several Hewlett-Packard patches.

There is now a patch for Software Distributor and I4LS to allow customers to run HP OpenView Network Node Manager (NNM) 4.1 on Solaris 2.5.

The patch for Software Distributor is PSOV_1090. This patch is required to install NNM 4.1 on Solaris 2.5 and must be installed prior to installing NNM 4.1. Be sure to follow the modified installation instructions described in the *PSOV_1090.text* file.

The patch for the I4LS licensing software is PSOV_1138. This patch is required to run a license server on Solaris 2.5. If your license server is on a different machine, this patch is not necessary.

Both patches consist of a tar file and a text file describing the patch.

To obtain the patch files, do the following:

1. Enter the following using your FTP utility: **ftp fcext3.external.hp.com**
2. After the login prompt displays, enter a login name of: **tr**
3. Enter a password of: **ava1anche**

   Note there is a number one (1) instead of an al in the word avalanche.
4. Turn on binary transfer mode by entering: **bin**
5. Change directories (cd) to the patches directory by entering: **cd patches**
6. Depending on your needs, ftp the files you require:

   ```
   -rw-r----- 1 tr nmsd 7802880 Aug 15 10:04 PSOV_1138.tar
   -rw-r----- 1 tr nmsd 217908 Aug 15 10:04 PSOV_1138.text
   -rw-r----- 1 tr nmsd 11991940 Jul 2 15:48 PSOV_1090.tar
   -rw-r----- 1 tr nmsd 1374787 Jul 2 15:48 PSOV_1090.text
   ```

   For example, enter: **get PSOV_1138.tar**
7. Close the connection by entering: **close**
8. Quit the program by entering: **exit**
9. Read the patch README files for instructions on how to install the patches you need.

SNM 2.2.2 Patch Requirement

Make sure you have installed Patch level 4 for SNM 2.2.2 under SunOS so that *snm_discover* discovers your devices correctly. If the Grapher does not send more than one request, verify that your *snm_cmd* file is 36864 bytes in size.

Tables Show All Categories

Multiple selections show all categories, whether they apply to a specific group of selections or not. If the category doesn't apply, the config table will show "N/A" in the cells. [CSCdi48854]

Upgrading CiscoView 3.1(1) or 3.2

If you are upgrading from an existing CiscoView release to CiscoView 3.1(1) or 3.2 (or upgrading CiscoWorks), perform an upgrade or a reinstallation. Deinstallation of the CiscoView product is not recommended. Deinstallation of the existing CiscoView release requires manual changes to the Network Management platform (min) or CiscoWorks breaks. If you do deinstall, refer to the "Deinstallation Notes and Caveats" for a workaround.

Deinstallation Notes and Caveats

The deinstallation caveats are described below.

Upgrading CiscoView 3.1(1) or 3.2

If you are upgrading from an existing CiscoView release to CiscoView 3.1(1) or 3.2 (or upgrading CiscoWorks), perform an upgrade or a reinstallation. Deinstallation of the CiscoView product is not recommended. Deinstallation of the existing CiscoView release requires manual changes to the Network Management platform (min) or CiscoWorks breaks.

This problem has been fixed on Solaris 2.4 and 2.5 only.

If you remove CiscoView from a Sun/HP-UX platform where CiscoWorks exists, do the following:

1. Change directories (**cd**) to the HP OpenView bitmaps directory (For example, on HP-UX 10.x, **cd** *$OV_BITMAPS/C*).
2. Remove the links to the CiscoView directory. This is a manual process. For instructions on how to create a script to clean up the CiscoView directory, refer to the section, "Cleaning Up CiscoView Before Upgrading."
3. Copy the bitmap files from the CiscoWorks directory to the bitmap directory. For example for HP-UX 10.x, `cp CW_DIR/hpov/icons $OV_BITMAPS/C`.
4. Run **cwconfigure** to reconfigure CiscoWorks. [CSCdi67394]

Cleaning Up CiscoView Before Upgrading

To do a proper clean up of CiscoView, create a script that works on your network management system.

The following procedure is for the HP-UX 10.x platform. For other platforms, replace the directory paths with your platform-specific paths.

1. Create a file named *cvclean.sh* with your favorite text editor.
2. Add the following lines:

```
#cvclean script start
#!/bin/sh
. /opt/OV/bin/ov.envvars.sh
# Note ov.envvars.sh only exists in HP OpenView 4.0 or later. If you have
# HP OpenView 3.3, delete the line above and hard code OV_BITMAPS to the
# HP OpenView bitmaps directory. For example, /usr/OV/bitmaps.
ls -l $OV_BITMAPS/C | grep ^l|grep cview|awk '{print $9}'>/tmp/cvlink.lst
for ix in 'cat /tmp/cvlink.lst'
do
   rm -f $OV_BITMAPS/C/$ix
done
#cvclean script end
```

3 Run the *cvclean.sh* script by entering:

```
# chmod +x cvclean.sh
# cvclean.sh
```

4 Continue with the steps 3 and 4 in "Upgrading CiscoView 3.1(1) or 3.2" to fix the problem.

General Notes and Caveats

The general notes and caveats follow. They are divided into six sections:

Notes and Caveats for Enterprise Network Management Products

General notes and caveats for Enterprise Network Management products are described below.

Dragging Ports

For this release, use the middle mouse button to drag on UNIX. Only certain devices (such as the CAT1200, CAT1600, CAT5000, CPW16) have defined their ports for dragging across devices.

HP OpenView Discovery Issue

When a switch is configured as two or more domains, HP OpenView discovery might not work properly and might discover only one of the domains. If this occurs, use CiscoView to manage the domain directly rather than launching the switch from the map.

HP OpenView IP Addresses and Wildcards

CiscoView 3.1 or 3.2 does not support HP OpenView community strings if there are any wildcards in the IP address (for example, 192.20.*.*). Only a direct match of an IP address will work. If you wish to set the CiscoView default community strings to something other than `read=public` and `write=private`, then edit *$NMSROOT/etc/cview/cview.ini*.. This will be fixed in a future release of CiscoView. [CSCdi49735]

Loading Correct SNMP Daemon

You might be unable to view a Fiber Distributed Data Interface (FDDI) SBus adapter on a device in CiscoView 3.1(1). Make sure you have the correct SNMP daemon (snmpd) loaded. The default snmpd for SunOS does not allow you to view this adapter. To correct this problem, stop the existing snmpd process and reload the snmp.cfddi daemon, which is generally located in the */etc* directory. If you cannot locate the snmp.cfddi daemon, check the *rc.local* file to determine where the it might be located.

Motif Window Manager (mwm1.x)

You cannot reduce any window size if you are using mwm 1.x. Choose the Property dialog option to make CiscoView 3.1(1) circumvent this problem.

Open Look

Open Look caveats include:

- In Open Look, popup menus might be out of focus. To correct focus, move your mouse pointer out of the window and back into the menu.
- In Open Look, popup menus occasionally lose events in olwm. The menus always appear, but might not always let you select anything. When this occurs, move your mouse pointer out and back into the menu to start tracking the events. [CSCdi50535]

Popup Menu Titles

Popup menu titles are raised; users might mistake them for menu items. [CSCdi53475]

Running CiscoView 3.1(1) or 3.2 with Little Swap Space

If the server or display workstation is running out of swap space, you see a message such as "X error: Couldn't allocate color cell," and CiscoView core dumps. If you are running other applications, you might want to check your swap space occasionally.

To check swap space on a SunOS 4.1.x workstation, enter the following:

```
hostname% pstat -s
```

To check swap space on a Sun Solaris 2.x workstation, enter the following:

```
hostname% swap -l
```

To check swap space on an HP-UX 9.0x and 10.x system, enter the following:

```
hostname% swapinfo
```

If your system is running out of swap space (for example, only 200 KB of swap space remains), quit some of the other applications you are running or increase your swap space, if possible. [CSCdi37063]

SunNet Manager Grapher

The SNM grapher can graph only three or four variables at a time. Selecting more variables generates a "too long" error message. This affects Graphing from Monitor dialog boxes. Do not ask the SNM grapher to graph more than four variables at a time. If you need to see more, start two SNM graphs, select the SNM graph control box, and combine both graphs into one.[CSCdi51362]

Switching Between Colormaps

Programs such as Netscape take up all the colors on workstations with 8-bit graphics cards (typical for SUN). CiscoView 3.1(1) dithers colors to the NetScape colormap. SunNet Manager creates a private colormap, and the screen swaps colormaps as you switch between applications.

Tables Show All Categories

Multiple selections show all categories, whether they apply to a specific group of selections or not. If the category doesn't apply, the config table will show "N/A" in the cells. CSCdi48854]

Notes and Caveats for Workgroup Products

Following are general notes and caveats for the Cisco Workgroup family of products.

Catalyst 2800, Catalyst 2100, EtherSwitch 1200, and EtherSwitch 1400

Following are general notes and caveats for the above Workgroup products:

- In the front panel display of the Catalyst 2800 and EtherSwitch 1400, the Connect and Disabled LEDs on FDDI modules do not reflect the appropriate status.
- CPW 1200, CPW 1400, Cat 2100, Cat 2800—In the General Bridge Window, the Last Topology Change field does not apply when Spanning Tree is disabled.
- CPW1400, Cat2800—Do not attempt to run the Monitoring menu for an FDDI port or a repeater port. There is no monitoring function provided for these ports, although the pull-down menu is enabled when such ports are selected.
- CPW1400, Cat2800—The Configure Module window functionality does not work when more than one module type is selected. Select only one module type before opening these windows.
- CPW 1200, CPW 1400, Cat 2100, Cat 2800—The General Bridge window shows the bridge information for VLAN1 only. Bridge information for other VLANs is not available.
- CPW 1200, CPW 1400, Cat 2100, Cat 2800—The Spanning Tree Protocol Window for switched ports is available for ports in VLAN1 only. This window does not show valid information for ports not in VLAN1.
- The WG-Concentrator, CPW10-100, and WG_Adapter do not show version information in the About CiscoView dialog box. In these cases, the CiscoView About dialog box displays the package version only. However, the version information is displayed in the "Packages Installed" list.

Community String Mismatching

When the user enters values for the "read-only," "write-only," and "read-writeId" with the Command Line Interface (CLI) commands, these values must match. A mismatch results in "noSuchName" or "timeout" errors. To avoid these error conditions, use identical community strings in CiscoView and corresponding agents.

Exiting CiscoView 3.1(1) Causes Applications to Close

If you are using the CiscoPro 16/Catalyst 3000 and close the CiscoView window, any application window that was launched from it automatically closes. Close the EtherChannel and Domain Configuration application windows before you open another CiscoView application or exit from the CiscoView application. There is no limit on the number of CiscoView applications that you can run.

False Error Reported After Setting Parameters

On the CiscoPro 16 and Catalyst 3000, when you try to set parameters for the EtherChannel/Domain application under moderate to high traffic conditions, the application incorrectly displays an error window indicating that the operation was not successful. However, the command was successful, and you should dismiss the error dialog.

LightStream 100

The LightStream 100 VCTool supports virtual circuit management of the LS100 and can be run from the LS100 CiscoView 3.1(1) application.

The LightStream 100 VCTool is currently supported on SunOS 4.1.X and HPUX 9.X.

Next Button

On the port config dialog of a Catalyst 5000, you might see some category names repeated twice. This is caused by rapidly press the Next button. Close and reopen the window to remove the duplicate names. [CSCdi57910]

ProStack Power Supply Link Problem

The rear view of the Prostack matrix power supply does not indicate whether the connector link is up or down (for example, the connector does not display green if there is a link).

Switch Firmware

The following firmware versions must be used in the switches:

- Catalyst 2100 and 2800—v. 3.63 or higher
- EtherSwitch 1200 and 2800—v. 3.63 or higher
- EtherSwitch 10/100—v. 1.38 or higher
- Catalyst 1700—v. 1.38 or higher
- Grand Junction FastSwitch 10/100—v. 1.37 or higher
- Grand Junction FastSwitch 2100 and 2800—v. 3.62 or higher

Note The Grand Junction FastSwitch 2100 and 2800 are managed the same as the Catalyst 2100 and 2800 respectively.

Switches

If you configure EtherChannel or Virtual Domains in Kalpana switch models EPS2015RS, EPS2115RSM, and Pro16 while running version 9.0 firmware with STP active, the map icons become red, and you receive the following error message:

```
No response from the device
```

After restarting the system, deactivate STP before you attempt to reconfigure. This problem is fixed in version 9.1 of the device firmware. [CSCdi41317]

VlanDirector Compatibility

CiscoView 3.1 or 3.2 requires VlanDirector version 1.1. Both are available in CWSI.

Notes and Caveats for Access Products

Following are general notes and caveats for the Cisco Access family of products.

Card Support for Cisco 4000, 4500, and 4700 Series

The following network processor modules (npm) are supported:

- npm-4000-fddi-sas
- npm-4000-fddi-das
- npm-4000-1e
- npm-4000-1r
- npm-4000-2s
- npm-4000-2e1
- npm-4000-2e
- npm-4000-2r1
- npm-4000-2r
- npm-4000-4t
- nmp-4000-4b
- nmp-4000-8b
- nmp-4000-ct1
- nmp-4000-ce1
- nmp-4000-1a
- nmp-4000-6e
- nmp-4000-1fe

CiscoView Release 3.1 supports cards nmp-400-fddi-sas through nmp-4000-4t above. The incremental devices for 4000, 4500, and 4700 support cards nmp-4000-4b through nmp-4000-6e above. For the latest information on supported CiscoView devices, check CCO.

FDDI Port Status Functionality

The Cisco 4000 series devices with DAS FDDI ports show status on only the lower one of the two connectors. The status color is determined from the port's administrative status (ifAdminStatus) and operational status (ifOperStatus) values. [CSCdi28566]

Read-Only MIB Variables

The administrative status (ifAdminStatus) value "testing" and the ring speed (dot5RingSpeed) variable are implemented as "read-only" in all Cisco IOS versions and cannot be set through popup menus on CiscoView Configure Port screens. However, Configure Port tables (of multiple ports) offer popup menus that permit attempts to set these variables. Such attempts result in "Permission Denied" messages. [CSCdi50635]

Tunnel Interface

A “can’t read ‘port’: no such variable” message appears at the bottom of the config port dialog when a tunnel interface is encountered while you click up through the ports. This message can be ignored. [CSCdi55765]

Notes and Caveats for High-End Business Products

Following are general notes and caveats for the Cisco High-end Business suite of products.

Displayed ATM Connector Type

CiscoView 3.1(1) always displays the multimode fiber SC type of ATM connector on AIPs, even when the media interface is of another type. [CSCdi53420]

FDDI Port Status Functionality

For 7000/7500 series routers running Cisco IOS Release10.2 or earlier, the displayed status color is determined from the port’s administrative status (ifAdminStatus) and operational status (ifOperStatus) values. This status color will be the same on each connector. For devices running Cisco IOS 10.3 through 11.x, the displayed status color is determined from the Port Connect State (fddimibPORTConnectState) for each connector. The possible values for this status and the corresponding status colors are listed below. [CSCdi28566]

Status	Status color
disabled	brown
standby	brown
connecting	blue
active	green

High System Availability (HSA)

On 7513 and 7507 chassis, when the master rsp (route switch processor) is in use, the console port changes color on the CiscoView 3.1(1) display. However, when a slave rsp is installed, its console port mirrors that of the master, regardless of whether or not it is in use. [CSCdi49049]

LightStream 2020 MIB Support

For the LightStream 2020 device there is currently no MIB support for the LNS OK, LN FLT, BITS OK, and TCS SEL LEDS on front linecards. These LEDS appear blank. In addition, the TX and RX LEDS on front linecards blink too rapidly for SNMP polling purposes, and also appear blank.

Lighstream 2020 Software Releases Supported

The LightStream 2020 supports Release 2.3(1) or later.

Power Supply Display

By default, CiscoView 3.1(1) displays two power supplies for a 7000 running Cisco IOS Release10.2 and earlier. With Cisco IOS Release 10.3 and later, power supplies are displayed based on ciscoEnvMonSupplyState values.

Read-Only MIB Variables

The administrative status (ifAdminStatus) value “testing” and the ring speed (dot5RingSpeed) variable are implemented as “read-only” in all Cisco IOS versions and cannot be set through popup menus on CiscoView Configure Port screens. However, Configure Port tables (of multiple ports) offer popup menus that permit attempts to set these variables. Such attempts result in “Permission Denied” messages. [CSCdi50635]

Notes and Caveats for Online Help

Following are notes and caveats for online help.

Glossary Links

Some device-specific help files do not have links to the glossary file. To view the glossary, select **Help>Using CiscoView** in the help window.

Options Menu

The following information was omitted from the online help information for the Options menu:

```
Options>Set HyperHelp Defaults sets the HyperHelp resources so that the HyperHelp viewer
text is readable on the screen.

Options>Debug records trace information into a file located in /tmp/ .cvlog.
```

CiscoView Incremental Device Package Information

This section contains the release note updates (README files from CCO) for the CiscoView incremental device packages shipped in the CiscoView 3.2 release. For a list of devices, refer to Table 1.

Each update might contain the following sections:

- Information on device
- Software Release information
- New device, card/module, or feature support
- Bug fixes
- Current documentation
- Notes and caveats, if any

If your Cisco device is not mentioned in this section, check on CCO for more up-to-date README information.

Network Management Platforms

Every device in Release 3.2, with the exception of the AS5200, supports the following network management platforms (which are the same as the CiscoView 3.1.1 release):

- Sun workstation: SunNet Manager 2.2.2 (with Solaris 1.x) and SNM 2.2.3 (with Solaris 2.5 and 2.51)
- Sun workstation: Hewlett-Packard (HP) OpenView 3.3 (with Solaris 1.x) and HP OpenView 4.01 (with Solaris 2.5 and 2.51)

- HP system: HP OpenView 3.3 (with HP-UX A.09.04./A.09.05) and HP OpenView 4.01 and 4.1 (with HP-UX 10.0 and 10.10)

The AS5200 supports the SNM, Release 2.2.2, and HP OpenView, Release 3.3.

Operating Systems

Every device in Release 3.2, with the exception of the AS5200, supports the following operating systems (which are the same as the CiscoView 3.1.1 release):

- Sun running Solaris 1.x (SunOS 4.1.3, SunOS 4.1.3_U1, or SunOS 4.1.4), or Solaris 2.4 with recommended patches as of 3/16/95
- HP running HP-UX A.09.03/A.09.04./A.09.05 and HP OpenView 10.0 and 10.10

The AS5200 supports the SunOS 4.1.x (Solaris 1.x) and HP OpenView, Release 3.3.1, running on HPUX operating system 9.0.4.

Cisco and CiscoPro 765 and 766 Series Device Package

This section describes the Cisco and CiscoPro 765 and 766 Series device package.

The Cisco and CiscoPro 765 and 766 routers connect Ethernet local-area networks (LANs) to corporate networks over Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) lines. They offer multiprotocol routing capabilities between WAN and LAN ports, as well as the ability to function as a transparent bridge.

Cisco IOS Software Releases

Cisco IOS Software Releases 10.3, 11.0, and 11.1 support the Cisco and CiscoPro 765 and 766 series routers.

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Cisco 750 Series and Cisco 760 Series User Guide*
- *Cisco 750 Series and Cisco 760 Series Command Reference*
- *Cisco ConnectPro User Guide*

Cisco 765 and 766 Notes and Caveats

Cisco 765 and 766 notes and caveats include:

- The Cisco 765 and CiscoPro 766 series routers do not support the SNMP set operations.
- No management support is available for the Config port.

Cisco 1003, 1004, and 1005 Series Device Package

This section describes the Cisco 1003, 1004, and 1005 Series device package.

The Cisco 1003, 1004, and 1005 series routers are easy-to-install, inexpensive, multiprotocol routers designed for small offices and other remote sites.

Cisco IOS Software Releases

Cisco IOS Software Releases 10.3, 11.0, and 11.1 support the Cisco 1003, 1004, and 1005 series routers.

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Cisco 1003 and Cisco 1004 User Guide*
- *Cisco 1005 User Guide*
- *Cisco 1003 and Cisco 1004 PNC (Public Network Certification)*
- *Cisco 1005 PNC*
- *Upgrading the DRAM SIMM in the Cisco 1003, 1004, and 1005*

Cisco 4000, 4500 and 2500 Series Device Package

This section describes the Cisco 4000, 4500, 4700, and 2500 Series device package.

The Cisco 4000 series routers provide a variety of feature sets that can accommodate all types of network computing environments.

The Cisco 2500 routers provide a variety of models designed for small office and remote site environments.

Device Supported

This incremental install includes support for these devices:

- Cisco 4000-M
- Cisco 4500-M
- Cisco 4700
- Cisco 4700-M
- CiscoPro 4500
- Cisco 2520
- Cisco 2521
- Cisco 2522
- Cisco 2523
- Cisco 2524
- Cisco 2525

The basic CiscoView 3.1(1) and CiscoWorks Windows 2.0(1), without this incremental install, includes support for Cisco 4000 and 4500, and Cisco 2501 through 2516, except for 2506 and 2508, which do not exist.

All CiscoPro routers that have a corresponding Enterprise router are also supported.

Network Processor Modules Supported

This incremental install includes support for the following network processor modules (npm):

- npm-4000-fddi-sas
- npm-4000-fddi-das
- npm-4000-1e
- npm-4000-1r
- npm-4000-2s
- npm-4000-2e1
- npm-4000-2e
- npm-4000-2r1
- npm-4000-2r
- npm-4000-4t
- npm-4000-4b
- npm-4000-8b
- npm-4000-ct1
- npm-4000-ce1
- npm-4000-1a
- npm-4000-6e
- npm-4000-1fe

Cisco IOS Software Releases

Cisco IOS Software Release 11.1 and earlier support the 4000, 4500 and 2500 series routers. Releases 10.2 and 10.3 do not support all cards for the 4000 Series routers. All 4000 series routers are supported from Software Release 11.0 or later.

MIB Files

SNMP MIB files are available for network management. The following Cisco Connection Online (CCO) WEB location contains many MIBs: **http://** or **ftp://ftp-eng.cisco.com/pub/mibs/supportlists/as5200/supportlist.html**

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Cisco 4000 Series Installation Guide (use for 4000-M, 4500-M, 4700-M)*
- *Cisco 4000 Series Hardware Installation and Maintenance (use for 4700)*
- *Cisco 4000 Hardware Installation and Maintenance (use for 4000 and 4500)*
- Cisco 4000 Series Configuration Notes:
  - *Upgrading Memory in the Cisco 4000 and Cisco 4000-M*
  - *Upgrading the Cisco 4000 Flash EPROM Card (4000)*

  - — *Installing Network Processor Modules in the Cisco 4000 Series*
  - — *Cisco 4000 Series Rack-Mount and Wall-Mount Installation*
  - — *Upgrading System Software in the Cisco 4000 Series*
  - — *Connecting the Cisco 4000 DC-Input Power Supply*
  - — *Upgrading Cisco 4500, Cisco 4500-M, Cisco 4700, and Cisco 4700-M Memory*
  - — *Upgrading the Flash EPROM Memory Card (4000)*
- *Cisco 2500 Series Router Installation Guide (2501-2504 and 2513-2515)*
- *Cisco 2500 Series Hardware Installation and Maintenance (2505, 2507, 2516)*
- *Cisco 2500 Series Hardware Installation (2505, 2507, 2516)*
- *Cisco 2500 Series Access Server User Guide (2509, 2510, 2511, 2512)*
- *Cisco 2517 and Cisco 2519 Router/Hub User Guide*
- *Cisco 2518 Router/Hub User Guide*
- *Cisco 2500 Series Multiport Serial Router User Guide (2520-2523)*
- *Cisco 2524 and Cisco 2525 Router User Guide*
- Cisco 2500 Series Configuration Notes:
  - — *Upgrading the DRAM SIMM on the Cisco 2500 Series Routers*
  - — *Replacing the Boot ROMs in the Cisco 2500 Series and AccessPro PC Card*
  - — *Installing Dual Flash Memory SIMMs on the Cisco 2500 Series*
  - — *Upgrading the Boot Image with Flash Memory Cards for Cisco 2500*
  - — *Upgrading the System Software for Cisco 2500 Series Routers*

Cisco 2500 Notes and Caveats

The following notes and caveats are for Cisco 2500 routers only.

- The Cisco 2520, 2521, 2522 and 2523 routers had a bug in the agent implementation. This bug was fixed in Cisco IOS version 11.0(5.1) and 11.1(2.1). To work properly, these routers must have a Cisco IOS version later than or equal to the version mentioned above.
- The 2524 and 2525 routers have an extra MIB for the two CSU/DSU WAN cards. This MIB is implemented only in Cisco IOS versions 11.0(5). The routers can be viewed properly only if the Cisco IOS versions are later than or equal to the version mentioned above.
- The 2524 and 2525 routers have two CSU/DSU WAN card slots. Each of the slots can contain any one of the following cards:
  - — Two-Wire Switched 56K/64K
  - — Four-Wire Switched 56K/64K
  - — Fractional T1
  - — 5-in-1 serial card
  - — Empty
- Due to a bug in the MIB agent implementation, there is no way to distinguish between the last two cases (5-in-1 card in slot and slot empty). For both cases, CiscoView displays the 5-in-1 card image stored in Graphical Interchange Format, or GIF.

- The 2524 and 2525 routers have a BRI card slot. The slot can contain either a BRI card with an NT1 interface or a BRI card without an NT1 interface. At present, there is no way to differentiate between these two cards using the MIB. CiscoView displays the BRI card without the NT1 GIF for both cases.

Cisco AS5200 Universal Access Server Device Package

This section describes the Cisco AS5200 Universal Access Server device package.

The Cisco AS5200 is a versatile data communications platform that provides the functions of an access server, a router, and digital modems in a modular chassis.

Operating Systems

The Cisco AS5200 package file (*.pkg) currently runs on the following UNIX systems:

- SunOS 4.1.x (Solaris 1.x)
- HP OpenView, 3.3.1

Cisco IOS Software Release

Cisco IOS Software Release 11.1(5) supports the Cisco AS5200.

MIB Files

SNMP MIB files are available for network management. The following Cisco Connection Online (CCO) WEB location contains many MIBs: **http://** or **ftp://ftp-eng.cisco.com/pub/mibs/supportlists/as5200/supportlist.html**

AS5200 Manager Application

The Cisco AS5200 package includes the AS5200 Manager application. The AS5200 Manager application includes modem management, and it enables you to remotely view, monitor, configure, and troubleshoot the AS5200 Universal Access Server from within CiscoView.

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *AS5200 Manager Guide*
- *Cisco AS5200 Universal Access Server Installation Guide*
- *12-Port Modem AT Command Set and Register Summary*
- *Cisco AS5200 Access Server Public Network Certification*
- Cisco IOS Release 11.1(474) Documentation Update for AS5200 (This is the online title.)

Cisco IOS Release 11.1 (474) Release Note and Update to Configuration Guides and Command References for the AS5200 Access Server (This is the hardcopy title for the above document.)

Installation

The installation of the AS5200 Manager application includes these steps:

Step 1. Make sure you are running CiscoView 3.1 or later.

Step 2. Create a cv_pkgs directory in the install_directory.

Step 3. Change the default directory to cv_pkgs.

Step 4. Access CCO.

Step 5. Download the tar file onto your workstation.

Step 6. Untar the tar file.

Step 7. Install the package file onto CiscoView.

Step 8. Check the cvinstall.log file.

The tar filename is AS5200.cv311.P1-1.tar.

Refer to the AS5200 Manager Guide on CCO for installation details. You can use the following URL to locate Chapter 2, which contains installation information:

http://www.cisco.com/univercd/data/doc/hardware/access/5200/manager/chap2.htm

AS5200 Manager Notes and Caveats

This section contains notes and caveats about problems you might encounter while using the AS5200 Manager application within the CiscoView environment.

- The AS5200 CiscoView DS1 Line Configuration dialog box shows several objects with changeable values. None of the objects in this dialog box are changeable through either CiscoView or SNMP. Use the router's command line interface to configure these options. [CSCdi59148]
- The alarm data reported in the AS5200 CiscoView DS1 Line Alarm Status dialog box is not updated when you select a new target port index. To view the alarm data for a different port, exit the dialog box, select the preferred port, and then open the DS1 Line Alarm Status dialog box. [CSCdi59393]

Cisco 7000, 7200, and 7500 Series Device Package

This package contains new device support, new functionality, and several bug fixes.

New Device Support

This device package supports the following:

- Cisco 7206 router
- POSIP card (Packet-Over-SONET Interface Processor)
- VIP2 card (Versatile Interface Processor 2)
- Port Adapter cards
  - 8E
  - 5E-FL
  - FE-TX

- FE-FX
- FDDI-MM
- FDDI-SM

New Functionality

This device package supports the following new functionality:

- Configure-Device categories
  - Flash Memory for RSP-equipped devices (RSP1, RSP2, RSP7000)
  - Configuration Status
  - Configuration History
  - Flash Card display
  - Flash Card selectability and contents display

Bug Fixes

The following caveats were fixed in this release.

- Admin File Systems functionality unavailable due to duplicate flash partition names ("slaveslot0") on the router. [CSCdi54831]
- A router configured with subinterfaces might cause an error message and the device is then not manageable with CiscoView. [CSCdi62966]
- FDDI PAs might cause incorrect data display for FIP cards. [CSCdi62971]
- Hotswap is supported only on devices running Cisco IOS Release 11.0 through 11.x. [CSCdi53447]

Cisco 7000, 7200, and 7500 Series Notes and Caveats

Cisco 7xxx notes and caveats include:

- With the introduction of the 7200, SunNet Manager and HP OpenView network map icons now identify a Cisco 7xxx router according to its family, i.e., 7000, 7200, and 7500. Icons no longer specifically identify the 7000 or 7010 routers.
- The string ".1.1" appears in the title bar of the Config flash card window. You can open this window by selecting the flash card and then selecting Configure. This problem is cosmetic only. [CSCdi62945]
- Occasionally when displaying flash card contents by double-clicking on the flash card, an error message “Can't read tab(-2,0) ...” appears in the window where CiscoView was invoked. This error appears to have no adverse affect on any CiscoView functionality. [CSCdi62964]
- The FDDI Station Mgmt Configure category was unavailable (an error message appeared) for multiple FIP cards in CV 3.1(1). With this package the correct table now appears but some cells are incorrectly sized such that not all data is visible. [CSCdi62978]

Cisco Catalyst 1200

This section describes the Cisco Catalyst 1200 device package.

Cisco Software Release

Cisco Software Release 4.1 for the Catalyst 1200.

New Features

This device package extends the CiscoView device manager to include support for:

- CDP (Cisco Discovery Protocol) configuration
- VTP (VLAN Trunk Protocol) configuration
- CiscoView launch of Traffic Director for RMON capable switches

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Release notes for CWSI UNIX Version 1.0*
- *Catalyst 1200 Series Switch User Guide*
- *Catalyst Series Workgroup Switch Configuration Notes—Installing A/B Port Cards*
- *Catalyst Series Workgroup Switch Release Notes—Release 4.1*

Cisco Catalyst 1200 Notes and Caveats

Catalyst 1200 notes and caveats follow:

- Refer to the “Release notes for CWSI UNIX Version 1.0,” Document Number 78-3337 for additional information about CiscoView 3.1 and Traffic Director.
- If CiscoView 3.1.1 is installed on an HP OpenView platform, the CiscoView application queries and uses community name settings for the device from HP OpenView, whether CiscoView is launched from the command line or from the HP OpenView main menu. When this is done through HP OpenView, any further standalone invocation of CiscoView takes the community string from HP OpenView until the nmcview script exports the platform.
- The IP Route device configuration window is not scrollable. Use the numbered arrow keys to scroll the window.
- When using the Switch Zoom menu from CiscoView to view multiple switch ports, the default configuration for the Catalyst 1200 is to configure Statistics, Short-Term history, Long-Term history, and Host group. For the Catalyst 5000, the default configuration is to configure Statistics only. To see the short-term or long-term history from traffic monitor, use the Domain Manager to configure the short-term and long-term group manually or use Segment Zoom to view the port first.
- When using the Segment Zoom menu from CiscoView to view the port segment, the default configuration for the Catalyst 1200 is to configure the Statistics, Short-Term history, Long-Term history and Host group. For the Catalyst 5000 use Statistics, Short-Term history, and Long-Term history.

- If you get the “Error: Entry or Group not present in Agent” message when running Segment Zoom, Switch Zoom, or Data Capture, the write community string might not match the device. If the community string matches and the problem still happens, use the CiscoView Configure Device menu to see if the RMON capability is enabled or not.
- When you select the repeater module port on a Catalyst 5000, CiscoView always uses the first port of the selected segment to create the RMON agent group. If you see “IP address is not set in sysIpAddr MIB variable,” it is because the Catalyst 1200 SNMP agent does not store the correct IP address in the sysIpAddr MIB variable, so you have to use CiscoView to correct it. Go to **Configure**>**Device**, enter the correct IP address in the corresponding field, and click **Modify**.

Cisco Catalyst 2600 Device Package

This section describes the Cisco Catalyst 2600 device package.

Cisco Software Release

Cisco Software Release SR-2.06.

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Catalyst 2600 Token Ring Switch User Guide*
- *2-Port Token Ring Fiber Universal Feature Card Planning and Installation Guide*
- *4-Port Token Ring UTP/STP Universal Feature Card Planning and Installation Guide*

Cisco Catalyst 2900 Device Package

This section describes the Cisco Catalyst 2900 device package.

Cisco Software Release

Cisco Software Release 2.1 for the Catalyst 2900.

New Features

This device package extends the CiscoView device manager to include support for:

- CDP (Cisco Discovery Protocol) configuration
- VTP (VLAN Trunk Protocol) configuration
- CiscoView launch of Traffic Director for RMON capable switches
- WS-X5020: 48 port 10BaseT Group Switching Ethernet Module
- WS-X5011: 12 port 10Base FL module
- WS-X5213: 12 port 10/100 Base TX module

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Release notes for CWSI UNIX Version 1.0*
- *Catalyst 2900 User Guide*
- *Catalyst 2900 Series Configuration Guide and Command Reference*

Cisco Catalyst 2900 Notes and Caveats

Catalyst 2900 notes and caveats include:

- Refer to the "Release notes for CWSI UNIX Version 1.0," Document Number 78-3337 for additional information about CiscoView 3.1 and Traffic Director.
- If CiscoView 3.1.1 is installed on an HP OpenView platform, the CiscoView application queries and uses community name settings for the device from HP OpenView, whether CiscoView is launched from the command line or from the HP OpenView main menu. When this is done through HP OpenView, any further standalone invocation of CiscoView takes the community string from HP OpenView until the nmcview script exports the platform.
- The IP Route device configuration window is not scrollable. Use the numbered arrow keys to scroll the window.
- Under a heavy load condition, Catalyst 2900 SNMP responses are slow.
- You might see an "error, no response since...." message in the CiscoView status window. Select Options>Properties and increase the Polling Frequency and Timeout values. [CSCdi57962]
- Do not use the Grapher in the CiscoView Monitor "10BaseT Group Switching Ethernet" window. Use the Monitor or Traffic Director tools to see graphical views of the selected repeater ports.
- The embedded RMON agent in the Catalyst 2900 only supports the Ethernet Statistics and Ethernet History Groups. Data Capture and Host List do not work on the Catalyst 2900.
- For the Catalyst 2900, if the number of the embedded RMON agent is over 50,you cannot create any new embedded RMON agent group for the new port. Use the Domain Manager to deinstall the agent group from the unused port to free the memory resource.
- When you select the repeater module port on a Catalyst 2900, it always uses the first port of the selected segment to create the RMON agent group. If you see "IP address is not set in sysIpAddr MIB variable," it is because the Catalyst 1200 SNMP agent does not store the correct IP address in the sysIpAddr MIB variable, so you have to use CiscoView to correct it. Go to **Configure>Device**, enter the correct IP address in the corresponding field, and click **Modify**.

Cisco Catalyst 3000 Device Package

This section describes the Cisco Catalyst 3000 device package.

Cisco Software Releases

Cisco Software Releases 1.1, 1.2 and 1.3 for the Catalyst 3000.

New Features

This device package extends the CiscoView device manager to include:

- Support for CDP configuration
- WS-X3006: 1 port ATM module

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Release notes for CWSI UNIX Version 1.0*
- *Catalyst 3000 Release Notes*
- *Catalyst 3000 and Catalyst Stack User Guide*
- *Catalyst 3000 Matrix and Expansion Module Configuration Note*

Cisco Catalyst 3000 Notes and Caveats

Catalyst 3000 notes and caveats include:

- Refer to the “Release notes for CWSI UNIX Version 1.0,” Document Number 78-3337 for additional information about CiscoView 3.1 and Traffic Director.
- If CiscoView 3.1.1 is installed on an HP OpenView platform, the CiscoView application queries and uses community name settings for the device from HP OpenView, whether CiscoView is launched from the command line or from the HP OpenView main menu. When this is done through HP OpenView, any further standalone invocation of CiscoView takes the community string from HP OpenView until the nmcview script exports the platform.
- The IP Route device configuration window is not scrollable. Use the numbered arrow keys to scroll the window.
- Because of a bug in the Catalyst 3000 1.0A software, the ATM Virtual Channel Aging menu always displays default values for all three parameters. The changes you make through this menu take effect correctly, but the values read from the device are always the default values.

Cisco Catalyst 5000 Device Package

This section describes the Cisco Catalyst 5000 device package.

Cisco Software Releases

Cisco Software Releases 1.4, 1.5 and 2.1 for the Catalyst 5000.

New Features

This device package extends the CiscoView device manager to include support for:

- CDP (Cisco Discovery Protocol) configuration
- VTP (VLAN Trunk Protocol) configuration
- CiscoView launch of Traffic Director for RMON capable switches
- WS-X5020: 48 port 10BaseT Group Switching Ethernet Module
- WS-X5005: NMP with 2 port 100Base FX SingleMode fiber

- WS-X5006: NMP with 2 port 100Base FX MultiMode fiber
- WS-X5011: 12 port 10Base FL module
- WS-X5213: 12 port 10/100 Base TX module

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Release notes for CWSI UNIX Version 1.0* (for additional information about CiscoView 3.1 and Traffic Director)
- *Catalyst 5000 Release Notes*
  - Release 1.5(4)
  - Software Release 2.1
  - ATM Software Release 2.2
  - Software Release 2.1(2)
  - FDDI Software Release 2.1(2)
- *Catalyst 5000 Series Configuration Notes*
  - Fast Ethernet Switching Module 100BaseTX 12 port)
  - Ethernet Switching Module (10BaseT 24 Port)
  - Ethernet Switching Module (10BaseFL 12 Port)
  - ATM LAN Emulation Module
  - CDDI and FDDI Module
  - Fast Ethernet Switching Module (100BaseFX 12 Port)
  - 10/100 Mbps Fast Ethernet Switching Module
  - Supervisor Engine
  - Power Supply
  - Group Switching Ethernet Module
  - 2.1 Software Memory Upgrade
  - Switch Power Supply Compatibility
  - Supervisor Engine (MMF and SMF)
- *Catalyst 5000 Series Installation Guide*
- *Catalyst 5000 Series Configuration and Command Reference Guide*

Cisco Catalyst 5000 Notes and Caveats

Catalyst 5000 notes and caveats include:

- Refer to the “Release notes for CWSI UNIX Version 1.0,” Document Number 78-3337 for additional information about CiscoView 3.1 and Traffic Director.
- If CiscoView 3.1.1 is installed on an HP OpenView platform, the CiscoView application queries and uses community name settings for the device from HP OpenView, whether CiscoView is launched from the command line or from the HP OpenView main menu. When this is done through HP OpenView, any further standalone invocation of CiscoView takes the community string from HP OpenView until the nmcview script exports the platform.
- The IP Route device configuration window is not scrollable. Use the numbered arrow keys to scroll the window.
- Under a heavy load condition, Catalyst 5000 SNMP responses are slow. You might see an “error, no response since....” message in the CiscoView status window. Select **Options>Properties** and increase the Polling Frequency and Timeout values. [CSCdi57962]
- Do not use the Grapher in the CiscoView Monitor “10BaseT Group Switching Ethernet” window. Use the Monitor or Traffic Director tools to see graphical views of the selected repeater ports.
- The embedded RMON agent in the Catalyst 5000 only supports the Ethernet Statistics and Ethernet History Groups. Data Capture and Host List do not work on the Catalyst 5000.
- When using the Switch Zoom menu from CiscoView to view multiple switch ports, the default configuration for the Catalyst 1200 is to configure Statistics, Short-Term history, Long-Term history, and Host group. For the Catalyst 5000, the default configuration is to configure Statistics only. To see the short-term or long-term history from traffic monitor, use the Domain Manager to configure the short-term and long-term group manually or use Segment Zoom to view the port first.
- When using the Segment Zoom menu from CiscoView to view the port segment, the default configuration for the Catalyst 1200 is to configure the Statistics, Short-Term history, Long-Term history and Host group. For the Catalyst 5000 use Statistics, Short-Term history, and Long-Term history.
- If you get the “Error: Entry or Group not present in Agent” message when running Segment Zoom, Switch Zoom, or Data Capture, the write community string might not match the device. If the community string matches and the problem still happens, use the CiscoView Configure Device menu to see if the RMON capability is enabled or not.
- When you select the repeater module port on a Catalyst 5000, CiscoView always uses the first port of the selected segment to create the RMON agent group. If you see “IP address is not set in sysIpAddr MIB variable,” it is because the Catalyst 1200 SNMP agent does not store the correct IP address in the sysIpAddr MIB variable, so you have to use CiscoView to correct it. Go to **Configure>Device**, enter the correct IP address in the corresponding field, and click **Modify**.

Cisco CPW16 Device Package

This section describes the Cisco CPW16 device package.

Cisco Software Release

Cisco Software Release 1.1 for the CPW16.

New Features

This device package extends the CiscoView device manager to include support for CDP configuration.

Current Documentation

Look for these documents on the Cisco Connection Documentation, Enterprise Series CD-ROM:

- *Release Notes for CWSI UNIX Version 1.0*
- *CiscoPro EtherSwitch Stack Installation and User Guide*
- *CiscoPro EtherSwitch Stack Release Notes*

Cisco CPW16 Notes and Caveats

CPW 16 notes and caveats include:

- Refer to the “Release notes for CWSI UNIX Version 1.0,” Document Number 78-3337 for additional information about CiscoView 3.1 and Traffic Director.
- If CiscoView 3.1.1 is installed on an HP OpenView platform, CiscoView queries and uses community name settings for the device from HP OpenView, whether CiscoView is launched from the command line or from the HP OpenView main menu. When this is done through HP OpenView, any further standalone invocation of CiscoView takes the community string from HP OpenView until the nmcview script exports the platform.
- The IP Route device configuration window is not scrollable. Use the numbered arrow keys to scroll the window.

LS1010 Device Package

This section describes the Cisco LS1010 device package.

Cisco IOS Software Releases

Cisco Software Release 11.1, IISP release for LS1010.

Cisco LS1010 Notes and Caveats

OAM ping functionality is grayed out since it is not available yet in the LS1010 11.1, IISP release.

Cisco Connection Online

Cisco Connection Online (CCO), formerly Cisco Information Online (CIO), is Cisco Systems' primary, real-time support channel. Maintenance customers and partners can self-register on CCO to obtain additional content and services.

Available 24 hours a day, 7 days a week, CCO provides a wealth of standard and value-added services to Cisco's customers and business partners. CCO services include product information, software updates, release notes, technical tips, the Bug Navigator, configuration notes, brochures, descriptions of service offerings, and download access to public and authorized files.

CCO serves a wide variety of users through two interfaces that are updated and enhanced simultaneously—a character-based version and a multimedia version that resides on the World Wide Web (WWW). The character-based CCO supports Zmodem, Kermit, Xmodem, FTP, Internet e-mail, and fax download options, and is excellent for quick access to information over lower bandwidths. The WWW version of CCO provides richly formatted documents with photographs, figures, graphics, and video, as well as hyperlinks to related information.

You can access CCO in the following ways:

- WWW: `http://www.cisco.com`.
- Telnet: `cco.cisco.com`.
- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and baud rates up to 14.4 kbps.

For a copy of CCO's Frequently Asked Questions (FAQ), contact `cco-help@cisco.com`. For additional information, contact `cco-team@cisco.com`.

Note If you are a network administrator and need personal technical assistance with a Cisco product that is under warranty or covered by a maintenance contract, contact Cisco's Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or `tac@cisco.com`. To obtain general information about Cisco Systems, Cisco products, or upgrades, contact 800 553-6387, 408 526-7208, or `cs-rep@cisco.com`.

This document is to be used in conjunction with the *CiscoView CD Installation Instructions* publication.

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