Incremental Device Driver Update for CiscoWorks NCM, February 2010

This document contains information about the device drivers supported by CiscoWorks Network Compliance Manager (NCM).

It contains the following sections:

For detailed information on the device drivers supported by CiscoWorks NCM, see the *Device Driver Reference for CiscoWorks Network Compliance Manager*.

Note All or any part of the CiscoWorks NCM documentation set, including this document, might be upgraded over time. Therefore, we recommend that you access the CiscoWorks NCM documentation set using the following Cisco.com URL:

http://www.cisco.com/en/US/products/ps6923/tsd_products_support_series_home.html

The Docs tab provided in the CiscoWorks NCM user interface might not include links to the latest documents.

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Getting Started

This device driver release supports CiscoWorks NCM release 1.3 through 1.5.

Before running the device driver installers, always backup the contents of the folder where your drivers are located. The default locations are:

- Windows: *install_directory**server**lib**drivers*
- Solaris: */install_directory/server/lib/drivers*
- Linux: */install_directory/server/lib/drivers*

> **Note** We recommend that you have a current backup of your database and system before performing any modifications or upgrades.

Installing Device Drivers on a Windows Platform

To install the device drivers on a Windows platform:

Step 1 On a CiscoWorks NCM server with CiscoWorks NCM 1.5.x installed, run **cwncm15_driver_6016-022310_win-K9.exe**. On servers with CiscoWorks NCM 1.3.x or 1.4.x installed, run **cwncm13-14_driver_6015-022310_win-K9.exe**.

Step 2 Click **Next** on the Introduction page.

Step 3 Click **Install** on the Pre-Installation Summary page.

Step 4 Click **Yes** to reload the drivers.

Step 5 Login to the CiscoWorks NCM server using the Admin account.

Step 6 Click the **Reload Drivers** button.

Step 7 Click **OK** to reload the drivers.

Installing Device Drivers on a Solaris Platform

To install the device drivers on a Solaris platform:

Step 1 On a CiscoWorks NCM server with CiscoWorks NCM 1.5.x installed, run **cwncm15_driver_6016-022310_sol-K9.bin**. On servers with CiscoWorks NCM 1.3.x or 1.4.x installed, run **cwncm13-14_driver_6015-022310_sol-K9.bin**.

Step 2 Click **Next** on the Introduction page.

Step 3 Locate the install directory where CiscoWorks NCM is installed.

Step 4 Click **Install** on the Pre-Installation Summary page.

Step 5 Click **Yes** to reload the drivers.

Step 6 Click **Done**.

Step 7   Login to the CiscoWorks NCM server using the Admin account.

Step 8   Choose **Admin > Start/Stop Services**.

Step 9   Click the **Reload Drivers** button on the Start/Stop Services page.

✎
Note   If you are installing the device drivers from a remote terminal, you must change the display variable to the IP address of your CiscoWorks NCM server and have an appropriate Xserver to run the installs on Solaris platform.

Installing Device Drivers on a Linux Platform

To install device drivers on a Linux platform:

Step 1   On a CiscoWorks NCM server with CiscoWorks NCM 1.5.x installed, run **cwncm15_driver_6016-022310_lnx-K9.bin**. On servers with CiscoWorks NCM 1.3.x or 1.4.x installed, run **cwncm13-14_driver_6015-022310_lnx-K9.bin**.

Step 2   Click **Next** on the Introduction page.

Step 3   Locate the install directory where CiscoWorks NCM is installed.

Step 4   Click **Install** on the Pre-Installation Summary page.

Step 5   Click **Yes** to reload the drivers.

Step 6   Click **Done**.

Step 7   Login to the CiscoWorks NCM server using the Admin account.

Step 8   Choose **Admin > Start/Stop Services**.

Step 9   Click the **Reload Drivers** button on the Start/Stop Services page.

✎
Note   If you are installing the device drivers from a remote terminal, you must change the display variable to the IP address of your CiscoWorks NCM server and have an appropriate Xserver to run the installs on Linux platform.

Device Driver Updates for CiscoWorks NCM 1.5 Only

New Device Support

None in this update.

Expanded Device Support (Including Additional OS Versions)

None in this update.

Updated and Enhanced Device Driver Support

This device driver release includes the following:

- Implementation of a custom variable to specify an HTTPS connection port to the driver VMware ESX servers with OS version 3.x and 4.x.
- VLAN trunk provisioning support for the driver HP Procurve switches 2600, 2626 and 2650 series with OS versions 8.x and 10.x.
- Link aggregation support for the driver HP Procurve switches 2600, 2626 and 2650 series with OS versions 8.x and 10.x.
- Support for the VLAN diagnostic for the Cisco Wireless LAN Controller 2106.
- Link aggregation support for the Nortel ERS 5520-48T-PWR 5.1.1.017.
- Improved VLAN data-gathering diagnostic on Oracle for Cisco Catalyst devices.

Device Driver Updates for CiscoWorks NCM Releases 1.3 through 1.5

New Device Support

Table 1 lists the new device drivers supported by CiscoWorks NCM releases 1.3 through 1.5.

Table 1　　　*New Device Drivers Supported by CiscoWorks NCM 1.3 through 1.5*

Vendor	Model	OS Version
Cisco	Catalyst Switch 4506-E (Native Mode)	12.2
Cisco	Content Services Switch CSS 11501 L0	8.20.1.01
Cisco	Optical Networking System (ONS) 15600	7.02.03
Cisco	Wireless LAN Controller 2106	5.2.x, 6.0.x
HP	ProCurve 3500 24-port non-POE (J9470A)	K.14.32
HP	ProCurve 3500 24-port POE (J9471A)	K.14.32

Table 1   New Device Drivers Supported by CiscoWorks NCM 1.3 through 1.5 (continued)

Vendor	Model	OS Version
HP	ProCurve 6600ml-24XG	K.14.41
Juniper	Infranet Controller IC 4000	2.1
Nortel	Ethernet Routing Switch (ERS) 5520-48TPWR	4.2.5.003, 5.1.1.017

Expanded Device Support (Including Additional OS Versions)

Table 2 lists the additional OS versions that are supported in this device driver release for CiscoWorks NCM releases 1.3 through 1.5.

Table 2   Expanded Device Driver OS Support for CiscoWorks NCM Releases 1.3 through 1.5

Vendor	Model	OS Version
Cisco	Catalyst Switch 2960G-24TC-L	12.2(44)SE, 12.2(50)SE3
Cisco	Router CRS-1 (IOS-XR)	3.2.1, 3.4, 3.5, 3.6, 3.6.1, 3.6.3, 3.7.1, 3.8.1, 3.8.2
F5	BIG-IP Load Balancer	4.x, 9.1, 9.2, 9.3, 9.4.5, 9.4.7
Juniper	Secure Services Gateway SSG 550M	5.4.12, 6.1

Updated and Enhanced Device Driver Support

This device driver release includes the following:

- Improved capturing and reporting of module data for Juniper NetScreen devices

- Support for capturing the ZebOS configuration file for Citrix NetScaler 9000 series switches

- Improved login error handling via HTTP for Colubris Wireless Client Bridge WCB devices

- Improved support for command-script execution and exiting for the Juniper routers and EX series switches running OS version 5.5, 6.x, 7.x, 8.x, and 9.x

- Support for mapping port types specific to the device to the set of port types used to tally the device TotalPorts and FreePorts values for the Check Point FireWall-1 and Nokia version NG

- Improved parsing of syslog messages for Cisco ASA 5500 series devices

- Improved mapping of secondary IP addresses and ports for the Cisco routers, 7200, 7500, and 7600 series running IOS version 12.x

- Improved configuration change detection for the 3Com SuperStack II

- Improved flash-management capabilities for Juniper NetScreen devices

- Improved support for configuration snapshots for Cisco ONS 15454 running OS versions 6.02.02, 7.02.02, and 7.02.03

- Improved support for capturing and reporting SFP modules, power modules, and other module data for Cisco switches, Catalyst 2950, 2960, 2970, 3550, 3750 and 8500 series running IOS version 12.x

- Improved support for capturing and reporting modules for Cisco switches, Catalyst 4000, 6000 and 7600 series running IOS version 12.x in native mode

- Improved capturing and reporting of topology data gathered from the F5 BIG-IP kernel

- Improved support for capturing and reporting serial numbers for Nortel routers and BayRS (SNMP/TI)

- Improved parsing of port data for Extreme Summit series switches

- Improved support for configuration snapshots for Cisco Catalyst 2980 switches

- Improved reporting of negotiated speeds for Cisco devices

- Improved support for CUE mode for CiscoISR driver package

- Improved interface parsing for Juniper routers and EX series switches running OS version 5.5, 6.x, 7.x, 8.x, and 9.x

- Improved configuration change detection for Cyclades Terminal Servers running OS version 2.6.x and 3.0

- Improved support for handling extra blank lines, when the configuration snapshot is created via cli, for Cisco load-balancers and CSS 11000 series (Arrowpoint)

- Improved support for bulk deployment of configurations through TFTP or CLI for Juniper (formerly NetScreen) firewalls and VPNs running OS version 2.6.1, 5.x, and 6.x

- Improved parsing of MAC addresses for the CiscoIOS common driver package

- Improved handling of enable mode (from exec login) for Arris Cadant C4 CMTS_V04.02

- Improved driver discovery for Cisco Catalyst 4503 switch

- Improved change detection, when foreign characters are part of the device configuration, for Nortel Alteon 180 Series and Alteon ACEdirector (AD) Series running WebOS version 10.0

- Implementation of Telnet support for Citrix NetScaler driver

- Improved support for TruePrompt logic for Alcatel OmniSwitch6K

- Improved handling of the enable and disable commands in execAccessOnly mode for Cisco MDS switches and 9000 series running OS version 2.x(2b), 3.x(2b), 3.2(1a), 3.3(1c), 3.3(2), and 4.1(1c)

- Improved handling of the max value of the regex quantifier in cleanup topology for Foundry FastIron Switches (v3.x, 4.0.01T3e3, 7.x, 9.x, and 10.x) and NetIron Switches, v7.x

- Improved support for configuration snapshots and ACL parsing in hybrid text mode for Cisco switches and Catalyst series running Catalyst OS

- Improved support for device access and configuration snapshots for Nortel 2526T

- Improved support for duplex diagnostics for F5 BIG-IP load-balancers

- Improved synchronization of the inventory updater script for Cisco routers and ASR1000 series running IOS-XE release 2.x

- Improved handling of the more prompt during configuration snapshots for Cisco 2006, 4400 Wireless LAN Controller, and Wireless Service Module (WiSM)

- Improved MAC address handling for HP ProCurve 6600ml-24XG v. K.14.41

- Improved reporting of hardware, software, and firmware versions in native mode for Cisco switches, Catalyst 4000, 4500, and 6000 series running IOS version 12.x

- Improved support for the Monitor port state for Cisco Catalyst devices

- Ability to ignore the last-update-time in Juniper and SSL VPN Secure Access 2000 running OS version 5.x

- Standby IP addresses no longer reported as primary IP addresses in Cisco firewalls and ASA 5500 series running OS versions 7.x and 8.x

- Improved support for capturing and parsing of VLAN, loopback, and virtualethernet (ve) interfaces for Foundry FastIron Switches (v3.x, 4.0.01T3e3, 7.x, 9.x, and 10.x) and NetIron Switches, v7.x

- Ability to capture and report IP and L2 ACLs in Nortel ERS 5520-48T-PWR v.4.2.5.003

- Improved module capturing and reporting in native mode for Cisco switches, Catalyst 4000, 4500, and 6000 series running IOS version 12.x

- Improved VLAN parsing in hybrid text mode for Cisco switches and Catalyst series running Catalyst OS

- Improved handling of the exec and enable prompt for Foundry FastIron Switches (v3.x, 4.0.01T3e3, 7.x, 9.x, and 10.x) and NetIron Switches, v7.x

- Improved synchronization of starting configurations and running configurations in hybrid text mode for Cisco switches and Catalyst series running Catalyst OS

- Traceroute support for Nortel ERS 5520-48T-PWR v. 5.1.1.017

- Improved handling of the TFTPInterface access variable for Juniper (formerly NetScreen) firewalls and VPNs running OS version 2.6.1, 5.x, and 6.x

Known Limitations and Problems

Table 3 contains information about the limitations and problems known to exist in this device driver release.

Table 3   Known Limitations and Problems

Description	Workaround
VMware ESX vSwitch is discovered as a VMware ESX server, when discovery task is forced against the child devices. If discovery tasks are run against the child devices of VMware ESX vSwitch after they have been initially discovered, there is the possibility that the wrong driver will be assigned to the device.	Instead of running discovery tasks against VMware ESX vSwitches, re-run the module diagnostic tasks on the parent VMware ESX server devices.
Cisco Firewall Services Module (FWSM) series standalone or administration context devices: First discovery task fails after adding the device However, the second discovery task will succeed.	Either re-run the task or assign the driver to the device.
Cisco ONS 15454 running OS versions 6.02.02, 7.02.02, and 7.02.03 supports the Cisco ONS 15600 running OS version 7.02.03, even though the Cisco ONS 15600 is omitted from the supported drivers list.	None.

Device Drivers Supported by CiscoWorks NCM 1.5

Table 4 lists the device drivers supported by CiscoWorks NCM 1.5. This table is cumulative and will be updated every time new device driver support is available for CiscoWorks NCM 1.5.

Table 4   Supported Device Drivers for CiscoWorks NCM 1.5

Vendor	Model	OS Version
Cisco	Virtual Switch Nexus 1000V (NX-OS)	4.0(4)SV1(1)
VMware	VMware ESX Servers	3.5.0, 4.0.0
VMware	VMware ESX vSwitch	3.5.0, 4.0.0

Device Drivers Supported by CiscoWorks NCM Release 1.4 and Later

Table 5 lists the device drivers supported by CiscoWorks NCM release 1.4 and later. This table is cumulative and will be updated every time new device driver support is available for CiscoWorks NCM.

Table 5   Supported Device Drivers for CiscoWorks NCM Release 1.4 and Later

Vendor	Model	OS Version
Cisco	Unified Call Manager	6.0.1.x
F5	BIG-IP Load Balancer	9.4.5

Device Drivers Supported by CiscoWorks NCM Release 1.3 and Later

Table 6 lists the device drivers supported by CiscoWorks NCM release 1.3 and later. This table is cumulative and will be updated every time new device driver support is available for CiscoWorks NCM.

Table 6   Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
3Com	SuperStack II Switch 3300	2.x
3Com	SuperStack III Switch 4400	3.x, 6.13s
3Com	Switch 5500	3.2
Adtran	Atlas 550 Router	C.08.x
Adtran	Adtran Atlas 890 Router	C.08.x
Adtran	Adtran NetVanta 3000 Series Router	07.x, 14.4
Alcatel-Lucent	Ethernet Service Switch (ESS) 7450	5.0
Alcatel-Lucent	OmniSwitch 6000 Series	5.3.x
Alcatel-Lucent	Service Router 7750	5.0

Table 6   Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)

Vendor	Model	OS Version
Alcatel-Lucent	Stinger DSLAM FS (TAOS)	9.12.0x
Allied Telesis	Switch 8516	1.4.x
Allied Telesis	Switch 8624T	2.9.x
Allied Telesis	Switch 8324SX	1.40, 1.402
Allied Telesis	Switch 8324SX - Stacked	1.12, 1.40, 1.402
Allied Telesis	Switch 8624PoE 2.9.x	
Allied Telesis	Switch 8648	2.9.x
Allied Telesis	Switch Rapier 24	2.5.x, 2.6.x, 2.7.x
Allied Telesis	Switch Rapier 24i	2.5.x, 2.6.x, 2.7.x, 2.9.x
Allied Telesis	Switch Rapier 48	2.5.x
APC	MasterSwitch 7900 Series	2.2.x, 2.6.x
Arris	Cadant C4 CMTS (Cable Modem Termination System)	04.02
Aruba	Mobility Controller 800 Series	2.x, 3.x
Aruba	Mobility Controller 5000 Series	2.x, 3.x
Audio Codes	Session Border Controller Mediant 2000	5.0.x
Avaya	Switch P334T	3.12.1
Avaya	Switch P334T - Stacked	3.12.1
BelAir	Access Point 50 Series	6.0.x
BelAir	Access Point 100 Series	6.0.x
BelAir	Access Point 200 Series	2.0
BelAir	Access Point BA100S	8.0.7
BigBand	Cuda 12000 CMTS (Cable Modem Termination System)	6.0.2
Blue Coat	ProxySG 210 Appliance	5.3.2.1
Blue Coat	ProxySG 600 Appliance	3.x
Cabletron	SmartSwitch Access Switch 2E48-27R	4.11.26
Cabletron	SmartSwitch Access Switch 2E48-27R-A621	4.11.26
Cabletron	SmartSwitch Access Switch 6C105	
Cabletron	SmartSwitch Access Switch 6E132-25	4.11.26
Cabletron	SmartSwitch Access Switch 6H122-08	2.01.07
Cabletron	SmartSwitch Access Switch 6H202-24	5.08.04
Cabletron	SmartSwitch Access Switch 6H252-17	5.08.04
Carrier Access	Adit 600	9.3.2.2
Check Point	FireWall-1, Nokia	NG Feature Pack 3
Check Point	FireWall-1, Solaris	NG Feature Pack 3
Check Point	Provider-1 CMA, Linux	NGX R61

Table 6 **Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)**

Vendor	Model	OS Version
Check Point	SecurePlatform, Linux	NG Feature Pack 3
Ciena	CN 2000 Storage Extension Platform	4.x
Ciena	CN 4200 Advanced Services Platform	4.2.0, 4.2.1, 4.2.3, 6.0.7
Cisco	ADSL Router 800	12.x
Cisco	Aironet 340	11.23T & 12.01T1
Cisco	Aironet 350	11.23T, 12.01T1 & 12.2
Cisco	Aironet 1100	12.2
Cisco	Aironet 1200	12.2
Cisco	Aironet 1240 AG	12.3
Cisco	Aironet 1300	12.3
Cisco	ASA 5500 Series Adaptive Security Appliance	7.0, 7.1, 7.2(4), 8.0, 8.2(1)
Cisco	ASA 5580 Adaptive Security Appliance	8.1 / 8.1(1)
Cisco	ASR 1000 Series Aggregation Services Router (IOSXE XNA1)	2.1.1
Cisco	ASR 9000 Series Aggregation Services Router (IOSXR)	3.7.2
Cisco	BPX Switch 8600 Series	9.4.10
Cisco	Catalyst Blade Switch 3020	12.2(37), 12.2(50)
Cisco	Catalyst Blade Switch 3020 for the HP c-Class BladeSystem	12.x
Cisco	Catalyst Router Module MSFC	11.x, 12.x
Cisco	Catalyst Router Module RSM	11.x, 12.x
Cisco	Catalyst Switch 1900	9.x Enterprise Edition
Cisco	Catalyst Switch 1900	9.x Standard Edition
Cisco	Catalyst Switch 2820	5.x, 6.x & 7.x
Cisco	Catalyst Switch 2900	5.x, 6.x & 7.x
Cisco	Catalyst Switch 2900XL	11.x, 12.x
Cisco	Catalyst Switch 2940	12.x
Cisco	Catalyst Switch 2948	11.x, 12.x
Cisco	Catalyst Switch 2948G-GE-TX	5.x, 6.x & 7.x
Cisco	Catalyst Switch 2950	12.x
Cisco	Catalyst Switch 2950-24	12.x
Cisco	Catalyst Switch 2950-24C	12.x
Cisco	Catalyst Switch 2950-24G	12.x
Cisco	Catalyst Switch 2950-48T	12.x
Cisco	Catalyst Switch 2950T-24	12.x

Table 6   *Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
Cisco	Catalyst Switch 2960	12.x
Cisco	Catalyst Switch 2960-24LT-L	12.2(44)SE
Cisco	Catalyst Switch 2960-24PC-L	12.2(44)SE
Cisco	Catalyst Switch 2960-24TC-L	12.2(44)SE
Cisco	Catalyst Switch 2960-24TT-L	12.2(44)SE
Cisco	Catalyst Switch 2960-48TC-L	12.2(44)SE
Cisco	Catalyst Switch 2960-48TT-L E	12.2(44)S
Cisco	Catalyst Switch 2960G-24TC-L	12.2(44)SE, 12.2(50)SE3
Cisco	Catalyst Switch 2960G-48TC-L	12.2(44)SE
Cisco	Catalyst Switch 2970	12.x
Cisco	Catalyst Switch 2980	6.x
Cisco	Catalyst Switch 2980G	5.x, 6.x, 7.x, 8.x
Cisco	Catalyst Switch 2980G-A	5.x, 6.x, 7.x, 8.x
Cisco	Catalyst Switch 3500XL	11.x, 12.x
Cisco	Catalyst Switch 3548XL	11.x, 12.x
Cisco	Catalyst Switch 3550	12.x
Cisco	Catalyst Switch 3560	12.x
Cisco	Catalyst Switch 3750	12.x
Cisco	Catalyst Switch 3750 - Stacked	12.x
Cisco	Catalyst Switch 4000	5.x, 6.x & 7.x
Cisco	Catalyst Switch 4000 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 4500	5.x, 6.x & 7.x
Cisco	Catalyst Switch 4500, 4507R, 4510 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 4506-E (Native Mode)	12.2
Cisco	Catalyst Switch 4908G-L3	11.x, 12.x
Cisco	Catalyst Switch 4948	12.x
Cisco	Catalyst Switch 5000	5.x & 6.x
Cisco	Catalyst Switch 5500	5.x & 6.x
Cisco	Catalyst Switch 6000	5.x, 6.x, 7.x & 8.x
Cisco	Catalyst Switch 6000 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 6500	5.x, 6.x & 7.x
Cisco	Catalyst Switch 6500, WS-6503 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 6500 (Native Mode) Modular IOS (ION)	12.x
Cisco	Catalyst Switch 6500 Application Control Engine (ACE) Module	3.0, A2(1.1)

Table 6   *Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
Cisco	Catalyst Switch 6500 Application Control Engine (ACE) Module - Context Support A2(1.1)	A2(1.1)
Cisco	Catalyst Switch 6500 Firewall Services Module (FWSM)	3.1(1), 3.2(6)
Cisco	Catalyst Switch 6500 Firewall Services Module (FWSM) - Context Support	3.1(1), 3.2(6)
Cisco	Catalyst Switch 6500 Wireless Services Module (WiSM)	4.0.x, 4.1.x
Cisco	Catalyst Switch 8500	12.x
Cisco	CMTS uBR7200 Series	12.x
Cisco	CMTS uBR10000	12.x
Cisco	Content Engine 500 Series (ACNS)	5.1.15, 5.3.3, 5.5.5
Cisco	Content Engine CE-511-K9 (ACNS)	5.2.3
Cisco	Content Engine CE-565A-72GB-K9 (ACNS)	5.5.7.7
Cisco	Content Engine CE-565A-144GB-K9 (ACNS)	5.5.7
Cisco	Content Engine CE-7305A-K9 (ACNS)	5.3.3
Cisco	Content Services Switch CSS 11000	4.x, 5.x & 6.x
Cisco	Content Services Switch CSS 11500	7.x
Cisco	Content Services Switch CSS 11501 L0	8.20.1.01
Cisco	Content Switch Local Director 400 Series	12.x
Cisco	EtherSwitch Service Module NME-XD-48ES-2S-P	12.2x
Cisco	FastHub 400	1.00.02
Cisco	Gigabit Ethernet Switching Module	12.x
Cisco	Global Site Selector (GSS) 4400 Series	1.2, 1.3
Cisco	Intelligent Gigabit Ethernet Switch Module (IGESM) for the IBM BladeCenter	12.x
Cisco	LightStream 1010	12.x
Cisco	LightStream 1015	12.x
Cisco	Load Balancers, LD Series	
Cisco	MC3810 Multiservice Concentrator	12.x
Cisco	MDS Multilayer Switch 9000 Series (SAN-OS)	2.0, 2.1, 3.1, 3.2.1a, 3.3.1c, 3.3.2, 4.1(1c)
Cisco	MDS Multilayer Switch DS-C9124-K9 (SAN-OS)	3.2(1a)
Cisco	Modular Access Platform 3662	12.x
Cisco	Optical Networking System (ONS) 15454	6.02.02, 7.02.02
Cisco	Optical Networking System (ONS) 15530	12.x
Cisco	Optical Networking System (ONS) 15540	12.x
Cisco	Optical Networking System (ONS) 15600	7.02.03

Table 6　　　*Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
Cisco	PIX Firewall 500 Series	5.x, 6.x & 7.x
Cisco	Riverhead Guard Firewall	3.x
Cisco	Router 800	11.x, 12.x
Cisco	Router 1000	11.x, 12.x
Cisco	Router 1600	11.x, 12.x
Cisco	Router 1700	11.x, 12.x
Cisco	Router 1800	11.x, 12.x
Cisco	Router 1841	11.x, 12.4(24)T1
Cisco	Router 2500	11.x, 12.x
Cisco	Router 2600	11.x, 12.x
Cisco	Router 2800	11.x, 12.x
Cisco	Router 3600	11.x, 12.x
Cisco	Router 3700	11.x, 12.x
Cisco	Router 3725 11.x, 12.x	
Cisco	Router 3800	11.x, 12.x
Cisco	Router 4000	11.x, 12.x
Cisco	Router 4500	11.x, 12.x
Cisco	Router 4700	11.x, 12.x
Cisco	Router 7000	11.x, 12.x
Cisco	Router 7100	11.x, 12.x
Cisco	Router 7140-2AT3	11.x, 12.x
Cisco	Router 7200	11.x, 12.x
Cisco	Router 7300	11.x, 12.x
Cisco	Router 7500	11.x, 12.x
Cisco	Router 7603	11.x, 12.x
Cisco	Router 7604	11.x, 12.x
Cisco	Router 7606 (CatOS)	5.x, 6.x & 7.x
Cisco	Router 7606 (IOS)	11.x, 12.x
Cisco	Router 7609	12.x
Cisco	Router 7613	11.x, 12.x
Cisco	Router 10008 ESR	12.2.(31)SB15
Cisco	Router 12000 GSR	11.x, 12.x
Cisco	Router 12000 GSR (IOS-XR)	3.6.1
Cisco	Router AS 2511	12.x
Cisco	Router AS 5200	12.x
Cisco	Router AS 5300	12.x

Table 6 **Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)**

Vendor	Model	OS Version
Cisco	Router AS 5400	12.x
Cisco	Router CRS-1 (IOS-XR)	3.2.1, 3.4, 3.5, 3.6, 3.6.1, 3.6.3, 3.7.1, 3.8.1, 3.8.2
Cisco	Router Nexus 5000 (NX-OS)	4.0(1a)N1(1)
Cisco	Router Nexus 7000 (NX-OS)	4.0(4), 4.1(4)
Cisco	Router SOHO 9x Series	12.x
Cisco	Switch 1548	12.x
Cisco	Switch ME2400	12.x
Cisco	Switch ME3400	12.x
Cisco	Unity Express CUE Messaging Card AIM-CUE	3.1.1
Cisco	Voice Gateway VG248	1.3(1)
Cisco	VoIP Gateway VG200 Series	12.x
Cisco	VPN Concentrator 3000	3.x, 4.7.x
Cisco	Wide Area Application Engine WAE-611 (WAAS)	4.x
Cisco	Wide Area Application Engine WAE-612 (WAAS)	4.x
Cisco	Wide Area Application Engine WAE-7300 Series (ACNS)	5.3.3
Cisco	Wireless LAN Controller 2000 Series	2.x
Cisco	Wireless LAN Controller 2106	5.2.x, 6.0.x
Cisco	Wireless LAN Controller 4100 Series	2.2.x
Cisco	Wireless LAN Controller 4400 Series	2.2.x, 3.2.x, 4.0.x, 4.1.x
Citrix	NetScaler 7000 Series Application Switch	8.1, 9.0
Citrix	NetScaler 9000 Series Application Switch	6.x, 8.1, 9.0, 9.1
Citrix	NetScaler 10000 Series Application Switch	8.x
Citrix	NetScaler 10010 Series Application Switch	9.0
Colubris	Access Point MAP320	5.1.3
Colubris	Access Point MAP330	5.1.3
Colubris	Wireless Client Bridge WCB 200	5.2.1
Comtech	Satellite Modem SLM-5650	1.04.02
Crossbeam	C-Series Security Services Switch	3.0.1-15
CyberGuard	Firewall FS300	5.2
CyberGuard	Firewall FS600	5.2
CyberGuard	Firewall KS1000	5.2
CyberGuard	Firewall KS1500	5.2
Cyclades	Console Server ACS16	2.6, 3.0
Cyclades	Console Server ACS32	2.6.0-1, 3.0

Table 6   Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)

Vendor	Model	OS Version
Cyclades	Console Server ACS48	2.6.0-1, 3.0
Cyclades	PM20 Power Device	2.6
Cyclades	Terminal Server TS400	1.3.x, 1.4.x
Cyclades	Terminal Server TS1000	1.3.x, 1.4.
Cyclades	Terminal Server TS Series	1.4.x
Dell	PowerConnect Switch 3248	1.0.1.7, 2.1.0.0
Dell	PowerConnect Switch 3448P	1.0.1.13
Dell	PowerConnect Switch 6248	1.0, 2.1.0.0
Digi	PortServer TS 2 MEI	82000747_P
Digi	PortServer TS 4 MEI	82000747_P
Digi	PortServer TS 8 MEI	82000684_T, 82000684_T1
Digi	PortServer TS 16 MEI	82000684_T, 82000684_T1
Edgemarc	Session Border Controller 4200, 4300, 4500, 5300 Series	6.x
Enterasys	Matrix C2 Series SecureStack Switch	3.0.x, 4.0.x, 5.0.x
Enterasys	Matrix C3 Series SecureStack Switch	1.01.x
Enterasys	Matrix E-Series	2.2
Enterasys	Matrix E7 6H252-17	5.08.25
Enterasys	Matrix E7 6H258-17	5.08.25
Enterasys	Matrix E7 6H302-48	5.08.25
Enterasys	Matrix E7 6H308-48	5.08.25
Enterasys	Matrix E7 6H352-25	5.08.25
Enterasys	Matrix N7 Standalone	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 2G4072-52	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4202-30	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4202-60	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4202-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4205-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4270-09	5.11.25, 5.42.04, 5.42.10

Table 6   *Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
Enterasys	Matrix N7 7G4270-10	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4270-12	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4280-19	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4282-41	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4282-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4202-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4203-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4284-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4382-25	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4382-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4383-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4385-49	5.11.25, 5.42.04, 5.42.10
Enterasys	SSR-2000 SmartSwitch Router	E9.0.7.7
Enterasys	X-Pedition 8000 SmartSwitch Router	9.x
Expand	Accelerator 4000 Series	4.5
Extreme	Alpine 3804 & 3808	6.2.x, 7.x
Extreme	Alpine Series	7.x
Extreme	Black Diamond Series	6.x, 7.x
Extreme	Black Diamond 8800 Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond 10808 Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond 12804C (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond 12804R (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Summit 24/48	4.1
Extreme	Summit Series	6.x, 7.x

Table 6 ***Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)***

Vendor	Model	OS Version
Extreme	Summit X450 Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x, 12.0.1.11
Extreme	Summit X450a Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
F5	3-DNS Traffic Management Controller	4.x
F5	BIG-IP Load Balancer	4.x, 9.1, 9.2, 9.3, 9.4.5, 9.4.7
Force10	Router E-Series	5.x
Force10	Switch S50 (SFTOS)	2.5.3.2
Fore	Systems Switch ASX1000	5.3.1
Fortinet	Fortigate-60M Antivirus Firewall	3.0
Fortinet	Fortigate 3810 (FortiOS)	3.0
Foundry	BigIron RX-4	2.2.1c
Foundry	FastIron Edge Switch	3.x
Foundry	FastIron Edge Switch FESX424-PREM	4.0.0.1x
Foundry	FastIron Workgroup Switch	7.x
Foundry	NetIron Switch	7.x
Foundry	NetIron Switch XMR	3.7.0
Foundry	ServerIron Switch	7.x, 8.x
Foundry	ServerIron Switch 450	9.4.0x
Funkwerk	Artem W3000 Series Access Point	6.05
H3C	MSR 30-20	5.2
H3C	S3100-26TP-PWR-EI	3.1
H3C	S3600-28P-EI	3.1
H3C	S3610-28P	5.2
H3C	S5100-26C-EI	3.1
H3C	S5500-28C-SI	5.2
H3C	S5510-24P	5.2
H3C	S5600-26C	3.1
H3C	S7503E	5.2
H3C	S7506	3.1
H3C	S9508	3.1
HP	ProCurve 2500 Series	F.04.x, F.05.x
HP	ProCurve 2600 PWR Series	H.10.50
HP	ProCurve 2610 Series	R.11.07

Table 6   *Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
HP	ProCurve 2626 Series	F.07.x, H.08.106, H.10.35, H.10.36, H.10.50
HP	ProCurve 2650 Series	F.07.x, H.07.32, H.07.46, H.08.106, H.10.35, H.10.36
HP	ProCurve 3400cl Series	M.08.75
HP	ProCurve 3500 Series	K.11.63, K.12.1x
HP	ProCurve 3500 24-port non-POE (J9470A)	K.14.32
HP	ProCurve 3500 24-port POE (J9471A)	K.14.32
HP	ProCurve 3500yl (J8692A)	K.14.15
HP	ProCurve 4204vl-48GS J9064A	L.11.x
HP	ProCurve 5304xl	E.10.6.7
HP	ProCurve 5308xl	E.08.x
HP	ProCurve 5400 Series	K.11.63, K.12.1x
HP	ProCurve 5406zl (J8697A)	K.13.51, K.14.15
HP	ProCurve 6108	H.07.56, v. H.07.87, H.07.90
HP	ProCurve 6200yl-24G	K.13.65m
HP	ProCurve 6600-24G-4XG (J9264A)	K.14.08, K.14.09
HP	ProCurve 6600ml-24XG	K.14.41
HP	ProCurve 6600ml-48G-4XG	K.14.24
HP	ProCurve 8212zl	K.12.51
HP	ProCurve M-Series	08.x, 09.x
HP	ProLiant Switch Series	2.0
HP	Virtual Connect Flex-10	2.10
Huawei	Quidway AR18 Series Router (VRP)	3.4, 5.2
Huawei	Quidway AR19 Series Router (VRP)	5.2
Huawei	Quidway AR28 Series Router (VRP)	3.4, 5.2
Huawei	Quidway AR29 Series Router (VRP)	5.2
Huawei	Quidway AR46 Series Router (VRP)	3.4, 5.2
Huawei	Quidway NetEngine NE16E	3.1
Huawei	Quidway NetEngine NE20-2	5.3
Huawei	Quidway NetEngine NE40-4	3.1
Huawei	Quidway NetEngine NE40E	5.3
Intel	Sarvega Guardian Gateway	5.1.x
Juniper	CTP2008	4.1R11

Table 6 *Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
Juniper	CTP2056	4.1R11
Juniper	DX Series Application Accelerator	5.0.x
Juniper	EX Switch 3200	9.x
Juniper	EX Switch 4200	9.x
Juniper	EX Switch 8200	9.x
Juniper	ERX 710	9.3
Juniper	ERX 1410	8.0.3
Juniper	Infranet Controller IC 4000	2.1
Juniper	J-Series J2300	8.1.x
Juniper	J-Series J4300	8.0.x, 8.1.x
Juniper	J-Series J4350	8.0.x, 8.1.x
Juniper	J-Series J6300	8.0.x, 8.1.x
Juniper	J-Series J6350	8.0.x, 8.1.x
Juniper	M-Series	5.5, 6.x, 7.x, 8.0.x, 8.1.x
Juniper	MX-Series MX240	8.0.x, 8.1.x
Juniper	MX-Series MX480	8.0.x, 8.1.x
Juniper	MX-Series MX960	8.0.x, 8.1.x
Juniper	NetScreen-5GT Firewall/VPN	5.x
Juniper	NetScreen-5GT ADSL Firewall/VPN	5.x
Juniper	NetScreen-5GT Wireless Firewall/VPN	5.x
Juniper	NetScreen-5XP Firewall/VPN	2.6.1, 5.x
Juniper	NetScreen-5XT Firewall/VPN	5.x
Juniper	NetScreen-25 Firewall/VPN	5.x
Juniper	NetScreen-50 Firewall/VPN	5.x
Juniper	NetScreen-204 Firewall/VPN	5.x
Juniper	NetScreen-208 Firewall/VPN	2.6.1, 5.x
Juniper	NetScreen-500 Firewall/VPN	5.x
Juniper	NetScreen-500 GPRS Firewall/VPN	5.x
Juniper	NetScreen-5200 Firewall/VPN	5.x
Juniper	NetScreen-HSC Firewall/VPN	5.x
Juniper	NetScreen-ISG 1000 Firewall/VPN	5.x
Juniper	NetScreen-ISG 2000 Firewall/VPN	5.x
Juniper	SA 2000 Secure Access SSL VPN	5.1R2
Juniper	Secure Services Gateway SSG	5 5.4.12
Juniper	Secure Services Gateway SSG 20	5.4.12
Juniper	Secure Services Gateway SSG 520	5.4.12

Table 6 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)

Vendor	Model	OS Version
Juniper	Secure Services Gateway SSG 520M	5.4.12
Juniper	Secure Services Gateway SSG 550	5.4.12
Juniper	Secure Services Gateway SSG 550M	5.4.12, 6.1
Juniper	Session Border Controller VoiceFlow 3000	5.3.x, 6.0.x
Juniper	SRX (Switch / Router / Firewall) 5600 (JUNOS)	9.5R1.8 ES
Juniper	SRX (Switch / Router / Firewall) 5600 - Clustered (JUNOS)	9.5R1.8 ES
Juniper	SRX (Switch / Router / Firewall) 5800 (JUNOS)	9.5R1.8 ES
Juniper	T-Series T640	5.5, 6.x, 7.x
Juniper	WX / WXC Application Accelerator	5.x
Lantronix	Ethernet Terminal Server ETS8P	3.6/4
Lantronix	Ethernet Terminal Server ETS16P	3.6/4
Lucent	Router MAX 6000	7.4.x
Maipu	Router 1762	5.1
Maipu	Router 2700	5.1
Maipu	Router 3150	5.1
Maipu	Router 3740	5.1
Maipu	Switch 3024B	3.6
Marconi	ATM Switch ASX-1000	6.2 & 8.0
Marconi	ATM Switch ASX-1200	6.2 & 8.0
Marconi	ATM Switch ASX-200BX	6.2 & 8.0
Marconi	ATM Switch ASX-200BXE	6.2 & 8.0
Marconi	ATM Switch ASX-4000	6.2 & 8.0
Motorola	PathBuilder S400 / S4000	11.x, 14.x, 15.x
Motorola	PathBuilder S500 / S5000	15.x
Motorola	PathBuilder S2500	11.x, 14.x, 15.x
Motorola	PathBuilder S6000	11.x, 14.x, 15.x
Motorola	Vanguard Router 340	6.2.S100
Motorola	Vanguard Router 6435	6.2.S100
NEC	Router 2000 Series	5.x, 7.x
NEC	Router 5000 Series	7.x, 8.x
Netopia	3300 Series Router	4.8.x, 8.x
Network Appliance	Proxy NetCache C720, C720S	5.5x
Network Appliance	Proxy NetCache C1100	5.5x
Network Appliance	Proxy NetCache C1105	5.5x
Network Appliance	Proxy NetCache C3100	5.5x

Table 6   Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)

Vendor	Model	OS Version
Network Appliance	Proxy NetCache Series	7.x
Network Equipment Technologies	Promina 100 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Promina 200 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Promina 400 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Promina 800 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Scream 50 Switch	2.4.3
Network Equipment Technologies	Scream 100 Switch	2.4.3
Nokia	IP1260 Firewall/VPN (IPSO)	4.1
Nortel	Alteon 180 Series WebOS	10.0
Nortel	Alteon ACEdirector (AD) Series WebOS	10.0
Nortel	Alteon Application Switch 2424	22.0.x, 23.2.x
Nortel	Alteon Application Switch 3408	22.0.x, 23.0.3
Nortel	Alteon ASF	3.5
Nortel	Alteon SSL-VPN	4.2.1, 5.0
Nortel	BayStack 325	3.0, 3.5
Nortel	BayStack 350T	4.x
Nortel	BayStack 380	3.0
Nortel	BayStack 410	4.x
Nortel	BayStack 420	3.0, 3.1.1.01
Nortel	BayStack 425	3.0, 3.1, 3.6
Nortel	BayStack 450T	3.2.0.x, 4.x
Nortel	BayStack 460	2.2, 3.0
Nortel	BayStack 470	2.2, 3.0, 3.1, 3.5, 3.6
Nortel	BayStack 470-48T-PWR	3.7.3.13
Nortel	BayStack 5500 Series	2.2, 3.0, 3.1, 4.0, 4.1, 4.2, 4.3, 5.0
Nortel	BayStack BPS2000	1.1.3.x, 3.0, 3.1
Nortel	Centillion C-100 ATM Switch	3.2.2

Table 6　　　*Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)*

Vendor	Model	OS Version
Nortel	Contivity 100	7.20
Nortel	Contivity 400	7.20
Nortel	Contivity 600	4.x, 5.x, 6.x
Nortel	Contivity 1000 Series	4.x, 5.x, 6.x
Nortel	Contivity 1700 Series	4.x, 5.x, 6.x
Nortel	Contivity 2000 Series	4.x
Nortel	Contivity 4000 Series	4.x
Nortel	Contivity 5000 Series	4.x
Nortel	Ethernet Routing Switch (ERS) 2500 Series	4.0
Nortel	Ethernet Routing Switch (ERS) 4500 Series	5.0.1.0
Nortel	Ethernet Routing Switch (ERS) 5520-48T-PWR	4.2.5.003, 5.1.1.017
Nortel	Ethernet Routing Switch (ERS) 8600 Series	3.7, 4.1
Nortel	GbE Switch Module for IBM BladeCenter	1.0.x, 1.2.x
Nortel	Multiservice Switch MSS 7420	7.1
Nortel	Multiservice Switch MSS 7440	7.1, 8.2
Nortel	Multiservice Switch MSS 7460	7.1
Nortel	Multiservice Switch MSS 7480	7.1, 8.1b
Nortel	OPTera Metro Ethernet (OME) Service Module 1400	1.2, 1.3.5
Nortel	OPTera Metro Ethernet (OME) Service Module 1450	1.2, 1.3.5
Nortel	Passport 1200	2.1.6.1
Nortel	Passport 1600	1.1, 1.2.4, 2.1
Nortel	Passport 6400	CB02S1B
Nortel	Passport 8100	3.2, 3.3, 3.4, 3.5, 3.7
Nortel	Passport 8300	3.0
Nortel	Passport 8600	3.2, 3.3, 3.4, 3.5, 3.7, 4.1
Nortel	Router AN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router ARN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router ASN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router BCN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router BLN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router BN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7

Table 6   ***Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)***

Vendor	Model	OS Version
Nortel	Router Passport 2430	14.03, 14.20, 15.4, 15.5
Nortel	Router Passport 5430	14.03, 14.20, 15.4, 15.5
Nortel	Secure Router 1001	8.1, 8.2, 8.2.1
Nortel	Secure Router 1002	7.0.5, 7.1.1, 7.2, 7.2b, 7.3, 8.0, 8.0.1, 8.2, 8.2.1, 8.4, 8.4.2
Nortel	Secure Router 1004	7.0.5, 7.1.1, 7.2, 7.2b, 7.3, 8.0, 8.0.1, 8.2, 8.2.1, 8.4, 8.4.2
Nortel	Secure Router 1400	8.0, 8.0.1
Nortel	Secure Router 3120	9.0
Nortel	Secure Router 4100	8.2.1
Nortel	Secure Router 4134	10.0
Nortel	Secure Router 6302	7.2b, 8.2.1
Nortel	VPN Gateway 3050	6.05
Nortel	VPN Gateway 3070	6.05
Nortel	VPN Router 1700	07.00.062
Nortel	VPN Router 1740	07.00.062
Nortel	VPN Router 1750	07.00.062
Nortel	VPN Router 2700	07.00.062
Nortel	VPN Router 5000	07.00.062
Nortel	WLAN Access Point 2220	1.2
Nortel	WLAN Security Switch 2250	1.0
Nortel	WLAN Security Switch 2270	2.0
Nortel	WLAN Security Switch 2330	5.0.11.4
Nortel	WLAN Security Switch 2350	5.0.11.4
Nortel	WLAN Security Switch 2360	5.0.11.4
Nortel	WLAN Security Switch 2361	5.0.11.4
Nortel	WLAN Security Switch 2380	5.0.11.4
Packeteer	PacketShaper	6.x, 7.x
Packeteer	Packetshaper 6500	8.2
Paradyne	IP DSLAM 4229 Series	2.x
Powerware	ConnectUPS Web/SNMP Card	1.37, 4.18
Procket	Pro/8000 Series	2.x
Qualcomm	Flarion Radio Router RR2045	2.11.12
Quanta	Ethernet Switch LB4M	1.0.1.x

Table 6   Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later (continued)

Vendor	Model	OS Version
RAD Data Communications	ACE 3200	5.0.x
RAD Data Communications	ACE 3600	5.0.x
Radware	AppDirector	1.03.04
Radware	FireProof Application Switch 1 (AS1)	3.21.x
Radware	LinkProof Application Switch 1 (AS1)	4.35.x
Radware	WSD-NP Web Server Director	8.18.19
Redback	SmartEdge 1200 SEOS	6.1.x
Riverbed	Steelhead Appliances 100 Series	3.0.8
Riverbed	Steelhead Appliances 500 Series	3.0.8
Riverbed	Steelhead Appliances 1000 Series	3.0.8
Riverbed	Steelhead Appliances 1500 Series	3.0.8
Riverbed	Steelhead Appliances 2000 Series	3.0.8
Riverbed	Steelhead Appliances 3000 Series	3.0.8
Riverbed	Steelhead Appliances 5000 Series	3.0.8
Riverbed	Steelhead Appliances 5500 Series	3.0.8
Secure Computing	Sidewinder G2	6.x, 7.0.x
Sonus	GSX 9000 Gateway Switch	6.03.02 R004
Symbol	ES3000 Switch	1.0.0.0-915R, 1.0.2
Symbol	Spectrum24 Access Point, AP-302x Series	04.02
Symbol	Spectrum24 Access Point, AP-4100 Series	02.x, 03.x
Symbol	WS2000 Wireless Switch	1.5.x, 2.2.x
Terayon	CMTS Gateway	1.39
Terayon	CMTS TL1000	1.39
Transition Networks	CPSMM-120 Single-Slot Primary Management Module	060117PQ
Tripp	Lite 2200RTX	12.04.0019
Various	UNIX Servers	Linux, FreeBSD, SunOS
Western Telematic	RSM-8 Remote Site Manager	2.13
Western Telematic	RSM-16 Remote Site Manager	2.13
Yamaha	Router RTX1100	8.03.46
ZyXEL	ZyAIR G-2000 Plus Wireless Router	3.62
ZyXEL	ZyWALL 2X Firewall/VPN Router	3.62

Device Drivers Supported by CiscoWorks NCM Release 1.2 and Earlier

Table 7 lists all of the device drivers supported by CiscoWorks NCM release 1.2 and earlier. This table is cumulative and will be updated every time new device driver support is available for CiscoWorks NCM.

Table 7   Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier

Vendor	Model	OS Version
3Com	SuperStack II Switch 3300	2.x
3Com	SuperStack III Switch 4400	3.x, 6.13s
3Com	Switch 5500	3.2
Adtran	Atlas 550 Router	C.08.x
Adtran	Atlas 890 Router	C.08.x
Adtran	NetVanta 3000 Series Router	07.x, 14.4
Alcatel	OmniSwitch 6000 Series	5.3.x
Alcatel-Lucent	Ethernet Service Switch (ESS) 7450	5.0
Alcatel-Lucent	Service Router 7750	5.0
APC	MasterSwitch 7900 Series	2.2.x, 2.6.x
Arris	Cadant C4 CMTS (Cable Modem Termination System	04.02
Aruba	Mobility Controller 800 Series	2.x, 3.x
Aruba	Mobility Controller 5000 Series	2.x, 3.x
Avaya	Switch P330	4.5.x
BelAir	Access Point 50 Series	6.0.x
BelAir	Access Point 100 Series	6.0.x
BelAir	Access Point 200 Series	2.0, 6.0.x
Blue Coat	ProxySG 600 Appliance	3.x
Cabletron	SmartSwitch Access Switch 2E48-27R	4.11.26
Cabletron	SmartSwitch Access Switch 2E48-27R-A621	4.11.26
Cabletron	SmartSwitch Access Switch 6C105	
Cabletron	SmartSwitch Access Switch 6E132-25	4.11.26
Cabletron	SmartSwitch Access Switch 6H122-08	2.01.07
Cabletron	SmartSwitch Access Switch 6H202-24	5.08.04
Cabletron	SmartSwitch Access Switch 6H252-17	5.08.04
Carrier Access	Adit 600	9.3.2.2
Check Point	FireWall-1, Nokia	NG Feature Pack 3
Check Point	FireWall-1, Solaris	NG Feature Pack 3
Check Point	Provider-1 CMA, Linux	NGX R61

Table 7 **Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)**

Vendor	Model	OS Version
Check Point	SecurePlatform, Linux	NG Feature Pack 3
Ciena	CN 2000 Storage Extension Platform	4.x
Cisco	ADSL Router 800	12.x
Cisco	Aironet 340	11.23T, 12.01T1
Cisco	Aironet 350	11.23T, 12.01T1, 12.2
Cisco	Aironet 1100	12.2
Cisco	Aironet 1200	12.2
Cisco	Aironet 1240 AG	12.3
Cisco	Aironet 1300	12.3
Cisco	ASA 5500 Series Adaptive Security Appliance	7.0, 7.1, 7.2, 8.0
Cisco	BPX Switch 8600 Series	9.4.10
Cisco	Catalyst Blade Switch 3020 for the HP c-Class BladeSystem	12.x
Cisco	Catalyst Router Module MSFC	11.x, 12.x
Cisco	Catalyst Router Module RSM	11.x, 12.x
Cisco	Catalyst Switch 1900	9.x Enterprise Edition
Cisco	Catalyst Switch 1900	9.x Standard Edition
Cisco	Catalyst Switch 2820	5.x, 6.x, 7.x
Cisco	Catalyst Switch 2900	5.x, 6.x, 7.x
Cisco	Catalyst Switch 2900XL	11.x, 12.x
Cisco	Catalyst Switch 2940	12.x
Cisco	Catalyst Switch 2948	11.x, 12.x
Cisco	Catalyst Switch 2948G-GE-TX	5.x, 6.x, 7.x
Cisco	Catalyst Switch 2950	12.x
Cisco	Catalyst Switch 2950-24	12.x
Cisco	Catalyst Switch 2950-24C	12.x
Cisco	Catalyst Switch 2950-24G	12.x
Cisco	Catalyst Switch 2950-48T	12.x
Cisco	Catalyst Switch 2950T-24	12.x
Cisco	Catalyst Switch 2960	12.x
Cisco	Catalyst Switch 2970	12.x
Cisco	Catalyst Switch 2980	6.x
Cisco	Catalyst Switch 3500XL	11.x, 12.x
Cisco	Catalyst Switch 3548XL	11.x, 12.x
Cisco	Catalyst Switch 3550	12.x
Cisco	Catalyst Switch 3560	12.x

Table 7 *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Cisco	Catalyst Switch 3750	12.x
Cisco	Catalyst Switch 4000	5.x, 6.x, 7.x
Cisco	Catalyst Switch 4000 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 4500	5.x, 6.x, 7.x
Cisco	Catalyst Switch 4500 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 4908G-L3	11.x, 12.x
Cisco	Catalyst Switch 4948	12.x
Cisco	Catalyst Switch 5000	5.x, 6.x
Cisco	Catalyst Switch 5500	5.x, 6.x
Cisco	Catalyst Switch 6000	5.x, 6.x, 7.x, 8.x
Cisco	Catalyst Switch 6000 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 6500	5.x, 6.x, 7.x
Cisco	Catalyst Switch 6500 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 6500 (Native Mode) Modular IOS (ION)	12.x
Cisco	Catalyst Switch 6500 Application Control Engine (ACE) Module	3.0
Cisco	Catalyst Switch 6500 Firewall Services Module (FWSM)	3.1 (1)
Cisco	Catalyst Switch 6500 Series Wireless Services Module (WiSM)	4.0.x, 4.1.x
Cisco	Catalyst Switch WS-C6503	12.x
Cisco	Catalyst Switch 8500	12.x
Cisco	CMTS uBR7200 Series	12.x
Cisco	CMTS uBR10000 12.x	12.x
Cisco	Content Engine 500 Series (ACNS)	5.1.15, 5.3.3, 5.5.5
Cisco	Content Services Switch CSS 11000	4.x, 5.x, 6.x
Cisco	Content Services Switch CSS 11500	7.x
Cisco	Content Switch Local Director 400 Series	12.x
Cisco	FastHub 400	1.00.02
Cisco	Gigabit Ethernet Switching Module	12.x
Cisco	Global Site Selector (GSS) 4400 Series	1.2, 1.3
Cisco	Intelligent Gigabit Ethernet Switch Module (IGESM) for the IBM BladeCenter	12.x
Cisco	LightStream 1010	12.x
Cisco	LightStream 1015	12.x
Cisco	Load Balancers, LD Series	

Table 7   *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Cisco	MC3810 Multiservice Concentrator	12.x
Cisco	MDS Multilayer Switch 9000 Series	2.0, 2.1, 3.1
Cisco	Modular Access Platform 3662	12.x
Cisco	ONS 15530	12.x
Cisco	ONS 15540	12.x
Cisco	Optical Networking System (ONS) 15454	6.02.02
Cisco	PIX Firewall 500 Series	5.x, 6.x, 7.x
Cisco	Riverhead Guard Firewall	3.x
Cisco	Router AS 2511	12.x
Cisco	Router AS 5400	12.x
Cisco	Router 800	11.x, 12.x
Cisco	Router 1000	11.x, 12.x
Cisco	Router 1600	11.x, 12.x
Cisco	Router 1700	11.x, 12.x
Cisco	Router 1800	11.x, 12.x
Cisco	Router 2500	11.x, 12.x
Cisco	Router 2600	11.x, 12.x
Cisco	Router 2800	11.x, 12.x
Cisco	Router 3600	11.x, 12.x
Cisco	Router 3700	11.x, 12.x
Cisco	Router 3725	11.x, 12.x
Cisco	Router 3800	11.x, 12.x
Cisco	Router 4000	11.x, 12.x
Cisco	Router 4500	11.x, 12.x
Cisco	Router 4700	11.x, 12.x
Cisco	Router 7000	11.x, 12.x
Cisco	Router 7100	11.x, 12.x
Cisco	Router 7140-2AT3	11.x, 12.x
Cisco	Router 7200	11.x, 12.x
Cisco	Router 7300	11.x, 12.x
Cisco	Router 7500	11.x, 12.x
Cisco	Router 7603	11.x, 12.x
Cisco	Router 7604	11.x, 12.x
Cisco	Router 7606 (CatOS)	5.x, 6.x, 7.x
Cisco	Router 7606 (IOS)	11.x, 12.x
Cisco	Router 7609	12.x

Table 7   Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)

Vendor	Model	OS Version
Cisco	Router 7613	11.x, 12.x
Cisco	Router 12000 GSR	11.x, 12.x
Cisco	Router 12000 XR (IOS XR)	3.2.1, 3.4, 3.5
Cisco	Router AS 5200	12.x
Cisco	Router AS 5300	12.x
Cisco	Router AS 5400	12.x
Cisco	Router CRS-1 (IOS XR)	3.2.1, 3.4, 3.5, 3.6
Cisco	Router SOHO 9x Series	12.x
Cisco	Switch 1548	12.x
Cisco	Switch ME2400	12.x
Cisco	Switch ME3400	12.x
Cisco	Voice Gateway VG248	1.3(1)
Cisco	VoIP Gateway VG200 Series	12.x
Cisco	VPN Concentrator 3000	3.x, 4.7.x
Cisco	Wide Area Application Engine WAE-611 (WAAS)	4.x
Cisco	Wide Area Application Engine WAE-612 (WAAS)	4.x
Cisco	Wide Area Application Engine WAE-7300 Series (ACNS)	5.3.3
Cisco	Wireless LAN Controller 2000 Series	2.2.x
Cisco	Wireless LAN Controller 4100 Series	2.2.x
Cisco	Wireless LAN Controller 4400 Series	2.2.x, 3.2.x, 4.0.x, 4.1.x
Citrix	NetScaler 9000 Series Switch	6.x
Colubris	Access Point MAP320	5.1.3
Colubris	Access Point MAP330	5.1.3
Comtech	Satellite Modem SLM-5650	1.04.02
Crossbeam	C-Series Security Services Switch	3.0.1-15
CyberGuard	Firewall FS300	5.2
CyberGuard	Firewall FS600	5.2
CyberGuard	Firewall KS1000	5.2
CyberGuard	Firewall KS1500	5.2
Cyclades	Console Server ACS16	2.6, 3.0
Cyclades	Console Server ACS32	2.6.0-1, 3.0
Cyclades	Console Server ACS48	2.6.0-1, 3.0
Cyclades	PM20 Power Device	2.6
Cyclades	Terminal Server TS400	1.3.x, 1.4.x

Table 7 **Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)**

Vendor	Model	OS Version
Cyclades	Terminal Server TS1000	1.3.x, 1.4.x
Cyclades	Terminal Server TS Series	1.4.x
Dell	PowerConnect Switch 3248	1.0.1.7, 2.1.0.0
Dell	PowerConnect Switch 3448P	1.0.1.13
Dell	PowerConnect Switch 6248	1.0, 2.1.0.0
Digi	PortServer TS 2 MEI	82000747_P
Digi	PortServer TS 4 MEI	82000747_P
Digi	PortServer TS 8 MEI	82000684_T, 82000684_T1
Digi	PortServer TS 16 MEI	82000684_T, 82000684_T1
Edgemarc	Session Border Controller 4200, 4300, 4500, 5300 Series	6.x
Enterasys	Matrix C3 Series SecureStack Switch	1.01.x
Enterasys	Matrix E7 6H252-17	5.08.25
Enterasys	Matrix E7 6H258-17	5.08.25
Enterasys	EMatrix E7 6H302-48	5.08.25
Enterasys	Matrix E7 6H308-48	5.08.25
Enterasys	Matrix E7 6H352-25	5.08.25
Enterasys	Matrix E-Series	2.2
Enterasys	Matrix N7 Standalone	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 2G4072-52	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4202-30	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4202-60	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4202-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4205-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4270-09	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4270-10	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4270-12	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4280-19	5.11.25, 5.42.04, 5.42.10

Table 7 *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Enterasys	Matrix N7 7G4282-41	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7G4282-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4202-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4203-72	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4284-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4382-25	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4382-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4383-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix N7 7H4385-49	5.11.25, 5.42.04, 5.42.10
Enterasys	Matrix Switch SecureStack C2 Series	3.0.x
Enterasys	SSR-2000 SmartSwitch Router	E9.0.7.7
Enterasya	X-Pedition 8000 SmartSwitch Router	9.x
Expand	Accelerator 4000 Series	4.5
Extreme	Alpine 3804 & 3808	6.2.x, 7.x
Extreme	Alpine Series	7.x
Extreme	Black Diamond 8800 Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond 10808 Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond 12804C (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond 12804R (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Black Diamond Series	6.x, 7.x
Extreme	Summit 24/48	4.1
Extreme	Summit X450 Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x, 12.0.1.11
Extreme	Summit X450a Series (ExtremeXOS)	11.3.x, 11.4.x, 11.5.x, 11.6.x
Extreme	Summit Series	6.x, 7.x
F5	3-DNS Traffic Management Controller	4.x

Table 7 Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)

Vendor	Model	OS Version
F5	BIG-IP Load Balancer	4.x, 9.x
Fore Systems	Switch ASX1000	5.3.1
Fortinet	Fortigate-60M Antivirus Firewall	3.00
Foundry	FastIron Edge Switch	3.x
Foundry	FastIron Workgroup Switch	7.x
Foundry	NetIron Switch	7.x
Foundry	ServerIron Switch	7.x, 8.x
Force10	Router E-Series	5.x
Funkwerk	Artem W3000 Series Access Point	6.05
H3C	MSR 30-20	5.2
H3C	S3100-26TP-PWR-EI	3.1
H3C	S3600-28P-EI	3.1
H3C	S3610-28P	5.2
H3C	S5100-26C-EI	3.1
H3C	S5500-28C-SI	5.2
H3C	S5510-24P	5.2
H3C	S5600-26C	3.1
H3C	S7503E	5.2
H3C	S7506	3.1
H3C	S9508	3.1
HP	ProCurve 2500	F.04.x, F.05.x
HP	ProCurve 2600	F.07.x, H.08.106, H.10.35, H.10.36
HP	ProCurve 2600 PWR Series	H.10.50
HP	ProCurve 2650 Series	F.07.x, H.07.32, H.07.46, H.08.106, H.10.35, H.10.36
HP	ProCurve 3400cl Series	M.08.75
HP	ProCurve 3500	K.11.63, K.12.1x
HP	ProCurve 5308xl	E.08.x
HP	ProCurve 5400	K.11.63, K.12.1x
HP	ProCurve 6108	H.07.56, v. H.07.87, H.07.90
HP	ProCurve M-Series	08.x, 09.x
HP	ProLiant Switch Series	2.0
Huawei	Quidway AR18 Router (VRP)	5.2
Huawei	Quidway AR19 Router (VRP)	5.2

Table 7   *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Huawei	Quidway AR 28 Router (VRP)	5.2
Huawei	Quidway AR 28-31 Router (VRP)	3.4
Huawei	Quidway AR 29 Router (VRP)	5.2
Huawei	Quidway AR46 Router (VRP)	5.2
Huawei	Quidway AR 46-80 Router (VRP)	3.4
Huawei	Quidway NetEngine NE16E	3.1
Huawei	Quidway NetEngine NE20-2	5.3
Huawei	Quidway NetEngine NE40-4	3.1
Huawei	Quidway NetEngine NE40E	5.3
Intel	Sarvega Guardian Gateway	5.1.x
Juniper	DX Series Application Accelerator	5.0.x
Juniper	CTP2008	4.1R11
Juniper	CTP2056	4.1R11
Juniper	DX Series Application Accelerator	5.0.x
Juniper	J-Series J4300	8.0.x, 8.1.x
Juniper	J-Series J4350	8.0.x, 8.1.x
Juniper	J-Series J6300	8.0.x, 8.1.x
Juniper	J-Series J6350	8.0.x, 8.1.x
Juniper	M-Series	5.5, 6.x, *7.x*
Juniper	MX-Series MX240	8.0.x, 8.1.x
Juniper	MX-Series MX480	8.0.x, 8.1.x
Juniper	MX-Series MX960	8.0.x, 8.1.x
Juniper	NetScreen-5GT Firewall/VPN	5.x
Juniper	NetScreen-5GT ADSL Firewall/VPN	5.x
Juniper	NetScreen-5GT Wireless Firewall/VPN	5.x
Juniper	NetScreen-5XP Firewall/VPN	2.6.1, 5.x
Juniper	NetScreen-5XT Firewall/VPN	5.x
Juniper	NetScreen-25 Firewall/VPN	5.x
Juniper	NetScreen-50 Firewall/VPN	5.x
Juniper	NetScreen-204 Firewall/VPN	5.x
Juniper	NetScreen-208 Firewall/VPN	2.6.1, 5.x
Juniper	NetScreen-500 Firewall/VPN	5.x
Juniper	NetScreen-500 GPRS Firewall/VPN	5.x
Juniper	NetScreen-5200 Firewall/VPN	5.x
Juniper	NetScreen-5400 Firewall/VPN	5.x
Juniper	NetScreen-HSC Firewall/VPN	5.x

Table 7 *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Juniper	NetScreen-ISG 1000 Firewall/VPN	5.x
Juniper	NetScreen-ISG 2000 Firewall/VPN	5.x
Juniper	Secure Services Gateway SSG 5	5.4.12
Juniper	Secure Services Gateway SSG 20	5.4.12
Juniper	Secure Services Gateway SSG 520	5.4.12
Juniper	Secure Services Gateway SSG 520M	5.4.12
Juniper	Secure Services Gateway SSG 550	5.4.12
Juniper	Secure Services Gateway SSG 550M	5.4.12
Juniper	Session Border Controller VoiceFlow 3000	5.3.x, 6.0.x
Juniper	T-Series T640	5.5, 6.x, *7.x*
Juniper	WX / WXC Application Accelerator	5.x
Lantronix	Ethernet Terminal Server ETS8P	3.6/4
Lantronix	Ethernet Terminal Server ETS16P	3.6/4
Lucent	Router MAX 6000	7.4.x
Maipu	Router 1762	5.1
Maipu	Router 2700	5.1
Maipu	Router 3150	5.1
Maipu	Router 3740	5.1
Maipu	Switch 3024B	3.6
Marconi	ATM Switch ASX-1000	6.2, 8.0
Marconi	ATM Switch ASX-1200	6.2, 8.0
Marconi	ATM Switch ASX-200BX	6.2 , 8.0
Marconi	ATM Switch ASX-200BXE	6.2 , 8.0
Marconi	ATM Switch ASX-4000	6.2, 8.0
Motorola	PathBuilder *S*2500	11.x, 14.x, 15.x
Motorola	PathBuilder 4000	11.x, 14.x
Motorola	PathBuilder 6S000	11.x, 14.x, 15.x
NEC	Router 2000 Series	5.x, 7.x
NEC	Router 5000 Series	7.x, 8.x
Netopia	3300 Series Router	4.8.x, 8.x
Network Appliance	Proxy NetCache C720, C720S	5.5x
Network Appliance	Proxy NetCache C1100	5.5x
Network Appliance	Proxy NetCache C1105	5.5x
Network Appliance	Proxy NetCache C3100 5.5x	5.5x
Network Appliance	Proxy NetCache Series	7.x

Table 7   Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)

Vendor	Model	OS Version
Network Equipment Technologies	Promina 100 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Promina 200 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Promina 400 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Promina 800 Multiservice Access Platform	3/77.08
Network Equipment Technologies	Scream 50 Switch	2.4.3
Network Equipment Technologies	Scream 100 Switch	2.4.3
Nokia	IP1260 Firewall/VPN (IPSO)	4.1
Nortel	Alteon 180 Series	WebOS 10.0
Nortel	Alteon ACEdirector (AD) Series	WebOS 10.0
Nortel	Alteon Application Switch 2424	22.0.x, 23.2.x
Nortel	Alteon Application Switch 3408	22.0.x, 23.0.x
Nortel	Alteon ASF	3.5
Nortel	Alteon SSL-VPN	4.2.1, 5.0
Nortel	BayStack 325	3.0, 3.5
Nortel	BayStack 350T	4.x
Nortel	BayStack 380	3.0
Nortel	BayStack 380	3.0
Nortel	BayStack 410	4.x
Nortel	BayStack 410	4.x
Nortel	BayStack 420	3.0, 3.1.1.01
Nortel	BayStack 425	3.0, 3.1, 3.6
Nortel	BayStack 450T	4.x
Nortel	BayStack 460	2.2, 3.0
Nortel	BayStack 470	2.2, 3.0, 3.1, 3.5, 3.6
Nortel	BayStack 5500 Series	2.2, 3.0, 3.1, 4.0, 4.1, 4.2, 4.3, 5.0
Nortel	BayStack BPS2000	1.1.3.x, 3.0, 3.1
Nortel	Centillion C-100 ATM Switch	3.2.2
Nortel	Contivity 100	7.20
Nortel	Contivity 400	7.20
Nortel	Contivity 600	4.x, 5.x
Nortel	Contivity 1000 Series	4.x, 5.x

Table 7   *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Nortel	Contivity 1700 Series	4.x, 5.x, 6.x
Nortel	Contivity 2000 Series	4.x
Nortel	Contivity 4000 Series 4.x	4.x
Nortel	Contivity 5000 Series 4.x	4.x
Nortel	Ethernet Routing Switch (ERS) 2500 Series	4.0
Nortel	Ethernet Routing Switch (ERS) 4500 Series	5.0.1.0
Nortel	Ethernet Routing Switch (ERS) 8600 Series	3.7, 4.1
Nortel	GbE Switch Module for IBM BladeCenter	1.0.x, 1.2.x
Nortel	OPTera Metro Ethernet (OME) Service Module 1400	1.2, 1.3.5
Nortel	OPTera Metro Ethernet (OME) Service Module 1450	1.2, 1.3.5
Nortel	Passport 1200	2.1, 6.1
Nortel	Passport 1600	1.1, 1.2.4, 2.1
Nortel	Passport 6400	CB02S1B
Nortel	Passport 8100	3.2, 3.3, 3.4, 3.5, 3.7
Nortel	Passport 8300	3.0 3.5 [PPCLI], 3.7
Nortel	Passport 8600	3.2, 3.3, 3.4, 3.5, 3.7, 4.1
Nortel	Router AN	14.03, 14.20, 15.4, 15.5, 15.6, 15.6.3.2, 15.7
Nortel	Router ARN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router ASN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router BCN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router BLN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router BN	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
Nortel	Router Passport 2430	14.03, 14.20, 15.4, 15.5
Nortel	Router Passport 5430	14.03, 14.20, 15.4, 15.5
Nortel	Secure Router 1001	8.1, 8.2, 8.2.1
Nortel	Secure Router 1002	7.0.5, 7.1.1, 7.2, 7.2b, 7.3, 8.0, 8.0.1, 8.2, 8.2.1, 8.4, 8.4.2
Nortel	Secure Router 1004	7.0.5, 7.1.1, 7.2, 7.2b, 7.3, 8.0, 8.0.1, 8.2, 8.2.1, 8.4, 8.4.2

Table 7   Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)

Vendor	Model	OS Version
Nortel	Secure Router 1400	8.0, 8.0.1
Nortel	Secure Router 3120	9.0
Nortel	Secure Router 4100	8.2.1
Nortel	Secure Router 6302	7.2b, 8.2.1
Nortel	VPN Gateway 3050	6.05
Nortel	VPN Gateway 3070	6.05
Nortel	VPN Router 1700	07.00.062
Nortel	VPN Router 1740	07.00.062
Nortel	VPN Router 1750	07.00.062
Nortel	VPN Router 2700	07.00.062
Nortel	VPN Router 5000	07.00.062
Nortel	WLAN Access Point 2220	1.2
Nortel	WLAN Security Switch 2250	1.0
Nortel	WLAN Security Switch 2330	5.0.11.4
Nortel	WLAN Security Switch 2350	5.0.11.4
Nortel	WLAN Switch 2270 Series	2.0
Nortel	WLAN Security Switch 2360	5.0.11.4
Nortel	WLAN Security Switch 2361	5.0.11.4
Packeteer	PacketShaper	6.x, *7.x*
Packeteer	PacketShaper 6500	8.2
Paradyne	IP DSLAM 4229 Series	2.x
Powerware	ConnectUPS Web/SNMP Card	1.37, 4.18
Procket	Pro/8000 Series	2.x
Qualcomm	Flarion Radio Router RR2045	2.11.12
Radware	AppDirector	1.03.04
Radware	Linkproof Application Switch 1 (AS1)	4.35.x
Riverbed	Steelhead Appliances 500 Series	3.0.8
Riverbed	Steelhead Appliances 1000 Series	3.0.8
Riverbed	Steelhead Appliances 1500 Series	3.0.8
Riverbed	Steelhead Appliances 2000 Series	3.0.8
Riverbed	Steelhead Appliances 3000 Series	3.0.8
Riverbed	Steelhead Appliances 5000 Series	3.0.8
Riverbed	Steelhead Appliances 5500 Series	3.0.8
Riverbed	Steelhead Appliances CMC100	3.0.8
Secure Computing	Sidewinder G2	6.x
Sonus	GSX 9000 Gateway Switch	6.03.02 R004

Table 7   *Supported Device Drivers for CiscoWorks NCM, Release 1.2 and Earlier (continued)*

Vendor	Model	OS Version
Symbol	ES3000 Switch	1.0.0.0-915R, 1.0.2
Symbol	Spectrum24 Access Point, AP-302x Series	04.02
Symbol	Spectrum24 Access Point, AP-4100 Series	02.x, 03.x
Symbol	WS2000 Wireless Switch	1.5.x , 2.2.x
Terayon	CMTS Gateway	1.39
Terayon	Terayon CMTS TL1000	1.39
Transition Networks	CPSMM-120 Single-Slot Primary Management Module	060117PQ
Tripp Lite	2200RTX	12.04.0019
Various	UNIX Servers	Linux, FreeBSD, SunOS
Yamaha	Router RTX1100	8.03.46
ZyXEL	ZyWALL 2X Firewall/VPN Router	3.62
ZyXEL	ZyAIR G-2000 Plus Wireless Router	3.62

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