



# Incremental Device Driver Update for CiscoWorks Network Compliance Manager, March 2012

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

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**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 URL:

[http://www.cisco.com/en/US/products/ps6923/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps6923/tsd_products_support_series_home.html)

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## Getting Started

This device driver release supports CiscoWorks NCM release 1.5 and later.

Before running the device driver installers, always backup the contents of the folder where your device 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

It is recommended that you have a current backup of your database and system before performing any modifications or upgrades.

## Installing Device Drivers on Windows Platform

To install the device drivers on a Windows platform:

- 
- Step 1** On a CiscoWorks NCM server with CiscoWorks NCM 1.5 or later releases installed, run `cwnncm15-17_driver_7060-032012_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.  
A Web page opens displaying the login screen of your NCM server.
  - Step 5** Login to the CiscoWorks NCM server using the Admin account.
  - Step 6** Choose **Admin > Start/Stop Services**.
  - Step 7** On the Start/Stop Services page, click the **Reload Drivers** button.
  - Step 8** Click **OK** to reload the drivers.
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## Installing Device Drivers on Solaris Platform

To install the device drivers on a Solaris platform:

- 
- Step 1** On a CiscoWorks NCM server with CiscoWorks NCM 1.5 or later releases installed, run `cwnncm15-17_driver_7060-032012_sol-K9.bin` by executing the following command:

```
/bin/sh cwnncm15-17_driver_7060-032012_sol-K9.bin
```

You can also move the `.bin` file to execute mode and execute the `.bin` file by using the following commands:

```
chmod +x cwnncm15-17_driver_7060-032012_sol-K9.bin
sh cwnncm15-17_driver_7060-032012_sol-K9.bin
```

The device driver CLI installer will be launched.

**Step 2** Press **Enter**.

The device driver install wizard will appear.

We recommend that you quit all programs before continuing with this installation.

**Step 3** Press **Enter**.

**Step 4** Enter either:

- **y** to overwrite the Nmap files in `/opt/CWNMCM/server/ext/nmap/`  
or
- **n** to retain the current version of Nmap files.

Pre-installation summary will be displayed.

**Step 5** Verify the pre-installation summary and press **Enter**.

**Step 6** Enter the CiscoWorks NCM username and password to reload the device drivers.

**Step 7** Press **Enter** to exit the installer.

## Installing Device Drivers on Linux Platform

To install device drivers on a Linux platform:

**Step 1** On a CiscoWorks NCM server with CiscoWorks NCM 1.5 or later releases installed, run `cwnm15-17_driver_7060-032012_lnx-K9.bin` by executing the following command:

```
/bin/sh cwnm15-17_driver_7060-032012_lnx-K9.bin
```

You can also move the `.bin` file to execute mode and execute the `.bin` file by using the following commands:

```
chmod +x cwnm15-17_driver_7060-032012_lnx-K9.bin
```

```
./cwnm15-17_driver_7060-032012_lnx-K9.bin
```

The device driver CLI installer will be launched.

**Step 2** Press **Enter**.

The device driver install wizard will appear.

We recommend that you quit all programs before continuing with this installation.

**Step 3** Press **Enter**.

**Step 4** Enter either:

- **y** to overwrite the Nmap files in `/opt/CWNMCM/server/ext/nmap/`  
or
- **n** to retain the current version of Nmap files.

Pre-installation summary will be displayed.

**Step 5** Verify the pre-installation summary and press **Enter**.

- Step 6** Enter the CiscoWorks NCM username and password to reload the device drivers.
- Step 7** Press **Enter** to exit the installer.

# Device Driver Updates for CiscoWorks NCM 1.5 and later releases

## New Device Support

Table 1 lists the new device drivers that are supported in this release for CiscoWorks NCM 1.5 and later releases.

**Table 1** *New Device Drivers Supported by CiscoWorks NCM1.5 and later releases*

Vendor	Model	OS Version
Acme Packet	SDN Net-Net 4250	SC 6.2.0
Alcatel-Lucent	OmniSwitch 6850	6.4.3
Alcatel Lucent	Wireless Controller OAW-4306	AOS-W 6.0.1.1
Brocade	FCX 624F	7.3
Brocade	FCX 648H POE	7.3
Brocade	ICX 6610 24F	7.3
Brocade	ICX 6610 48P	7.3
Brocade	Load Balancer ADX ServerIron 10000	vASR12201fa
Brocade	Router MLX / MLXe	5.3
Brocade	Switch VDX 6710	2.1
Brocade	Switch VDX 6730	2.1
Checkpoint	Firewall SecurePlatform Pro	R70.30 Build 097
Cisco	Aggregation Service Routers (ASR) 7401	12.3(3)
Cisco	Aironet AIR-AP1142N-E-K9 (C1140 series)	12.4(25d)JA1
Cisco	ASA 5580-40 Adaptive Security Appliance	8.2(3)
Cisco	CBS31X0-UNIVERSALK9-M	12.2(52)SE
Cisco	Catalyst WS-C3560V2-24TS	12.x
Cisco	Catalyst Switch 4510re	12.2(52)
Cisco	Catalyst Switch WS-C4928-10GE	12.2(46)SG
Cisco	Catalyst Switch 4948E-F	12.2(54)SG1
Cisco	Cat 6K WS-SVC-CMM Voice Linecard (Cat6K-lc series)	12.4(10.6)
Cisco	Router CRS-16/S(IOS-XR)	4.2.0
Cisco	MDS Multilayer Switch 9506	5.2(2)
Cisco	MDS Multilayer Switch 9509	5.2(2)

**Table 1** *New Device Drivers Supported by CiscoWorks NCM1.5 and later releases*

Vendor	Model	OS Version
Cisco	MDS Multilayer Switch HP FC BladeSystem	5.2(2)
Cisco	Router 2801	15.1(3)T2
Cisco	Switch ME-C6524GT-8S	12.2(33)SXH5, 12.2(33)SXI7
Cisco	Switch ME-4924-10GE	12.2(46)SG
Cisco	Wide Area Application Engine WAE-512-K9 (WAAS)	oe512-4.1.7a.10
F5	BIG-IP 8950	11.0.0
H3C	Line Card 12508(8-port 10-GbE XFP LEC)(JC068B)	5.2
H3C	Line Card 12518 (8-port 10-GbE XFP LEC)(JC068B)	5.2
H3C	Switch S5120-24P-EI(Comware)	5.2
H3C	Switch S10504 (Comware)	5.2
H3C	Router SR6602-A1 (Comware)	5.2
Hatteras	HN408	1.08.90
HP	HPSCS16 terminal server	1.9
HP	ProCurve 2520-8-PoE	S.15.06
HP	ProCurve2520-24-PoE	S.15.06
HP	ProCurve 2910 AL	W.14.03
HP	ProCurve 2910al-24G	W.15.08
HP	ProCurve 2910al-24G-PoE	W.15.08
HP	ProCurve 2910al-48G	W.15.08
HP	ProCurve 2910al-48G-PoE	W.15.08
HP	Switch A6602-X	5.2
HP	Switch A7510	5.2
HP	Switch A10504(Comware)	5.2
HP	Switch A12508(Comware)	5.2
HP	Virtual Connect Flex VC-ENET+FC	3.17
Huawei	DSLAM 5105	100R010
Huawei	DSLAM 5600	300R002
Nortel	Switch 5698FTD-PWR	6.1.4.011
Paradyne	Bitstorm 2600	02.05.07
ZTE	OLE ZXA10 C300(ROS Version)	4.6.02A

## Expanded Device Support (Including Additional OS Versions)

Table 2 lists the additional OS versions that are supported in this release for CiscoWorks NCM 1.5 and later releases

**Table 2** Expanded Device Driver OS Support for CiscoWorks NCM 1.5 and Later Releases

Vendor	Model	OS Version
Acme Packet	Net-Net 4500	SCX6.1.0 MR-6 Patch 2 (Build 796), SCX6.2.0 MR-2 GA (Build 583), SCX610m10, SCX620m5, C6.3, C 6.3.0 F2
Alcatel-Lucent	Service Router 7750	5, 6.0, 7.0, 8.x,8.0R7, 9.0.R1, 9.0.R6
Cisco	Aggregation Service Routers (ASR) 9K	XR 3.9.1, 3.9.2,4.0.1, 4.2.0
Cisco	Gigabit Switch Router (GSR) 12K	XR 3.6.3, 3.8.4, 3.9.1,3.9.2, 4.0.1
Cisco	MDS Multilayer Switch 9513	4.2(3), 5.2(2)
Cisco	Optical Networking System (ONS) 15454	5.4, 6.02.02, 7.02.02, 8.51-008B-14.13, 9.2
Cisco	Router 877	15.0.(1)M3, 15.1(4r)M
Gigamon	GigaVUE2404	8.0.x,8.0.04
HP	ProCurve 2520G-8-PoE (J9137A)	J14.03, J.15.06
HP	ProCurve 2520G-24-PoE (J9299A)	J.14.01, J14.03, J.15.06
HP	ProCurve 2626 Series	F.07.x, H.08.106, H.10.35, H.10.36, H.10.50, H.10.83
Juniper	MX-Series MX480	8.0.x, 8.1.x,10.0,10.4 R7.5,11.1R2.3, 9.3R2.8,11.2R2.4
Juniper	MX-Series MX960	8.0.x, 8.1.x,10.0,10.4R4.5,10.4 R7.5, 11.4 R1.14
Nortel	Ethernet Routing Switch 5510-48T	4.0.2.02, 4.2.2.012

## Updated and Enhanced Device Driver Support

This device driver release includes the following:

- The snapshot problem with Citrix Netscaler devices is resolved.
- The discovery with SDM is installed on Cisco C2800NM-IPBASE-M now succeeds.
- Snapshot Failure on Cisco Pix-535 due to TFTP timeout is fixed.
- Driver for Juniper j6350 now parses ACLs.
- The driver Cisco routers, Edge Service Router (ESR) 10000 series, IOS version 12.x now displays module information for Cisco 10720 routers.
- The problem pertaining to the connection of Cisco 2811 with NCM Proxy Interface is now resolved.
- Problem with the Interface name format with the driver Cisco switches, Catalyst series, hybrid text mode, Catalyst OS is fixed.
- CWNCM now displays the correct model number for Citrix Netscaler 9010 and 10010 models.
- Driver Discovery problem with Cisco 3560E is now resolved.
- The problem with TFTP configuration copy using Cisco IOS JS driver is now fixed.
- Configuration out of sync issue with Cisco Driver is now resolved.
- Snapshot task now falls back to CLI if any other methods fail in the driver for CISCO2901/K9 devices.

- Configuration out of sync issue with Cisco MDS 9509 is now fixed.
- Software update issue with Cisco ATM router is resolved.
- Snapshot now ignores VRRP counter pattern in EXT\_CheckPointJS driver.
- Driver for Acme Packet Net-Net 4500 device now shows hostname instead of "ip-address".
- CWNCM now pulls the complete configuration for the Avocent 6048 devices.
- Timeout issue when running advanced perl scripts with Cisco ACE is now fixed.
- The driver for Nexus devices now shows complete configuration.
- EXT\_HP ProCurve driver now lists the correct Software version under Device Details.
- Expect pattern has been updated for the execMode\_access\_CLI of C2980G-A.rdp.
- Synchronize Startup & Running Config now works on Cisco Nexus 7K.
- Take Snapshot task now passes after Add Device Context in Cisco ACE device.
- BaystackJS now supports BayStack470-24T, OS version 3.7.1.
- CWNCM crash issue due to Cisco IOS acl parsing is now fixed.
- Cisco IOS & Cisco Nexus drivers now support Class-maps.
- CiscoIOS\_JS\_Router driver now shows config section tags in the configuration in NCM
- Riverbed Driver now supports version 7.x.
- Cisco WAE Device driver now has support for CLI-only snapshot.
- Driver for CWNCM ProCurve 5406zl now parses VLAN IP & OSPF info.
- Cisco driver has been modified to add HSRP interface name to the interface description.
- Driver Discovery issue with H3C TippingPoint 1200E is resolved.
- Cisco ASR Driver now backs up the correct config file.

## Device Drivers Supported by CiscoWorks NCM 1.5 and Later

Table 3 lists the device drivers supported by CiscoWorks NCM 1.5 and later. This table is cumulative and will be updated every time new device driver support is available for these releases.

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
3Com	Router S7910E	5.2
3Com	SuperStack II Switch 3300	2.x
3Com	SuperStack III Switch 4200	3.00c68
3Com	SuperStack III Switch 4400	3.x, 6.13s
3Com	Switch S4210	V3.01.13s56
3Com	Switch S4210 PWR 9-Port	3.01.02s56
3Com	Switch 4500-PWR-26	3.3.2
3Com	Switch 4500G (Comware)	5.02
3Com	Switch S4800G PWR 48-port	5.2

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
3Com	Switch 5500	3.2
3Com	Switch 5500G-EI-PWR-24	3.3.2
3Com	Switch S4800G (Comware)	5.2
A10	Advanced Traffic Manager AX 1000 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 1030 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 2000 (AX Series)(Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 2100 (AX Series)(Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 2200 (AX Series)(Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 2500 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 2600 (AX Series)(Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX3000 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.0-p3, 2.6.1-P1
A10	Advanced Traffic Manager AX 3030 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 3100 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX 3200 (AX Series)(Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	Advanced Traffic Manager AX5100 (AX Series)(Load Balancer)	2.4.3-p6, 2.6.0-p3, 2.6.1-P1
A10	Advanced Traffic Manager AX 5200 (AX Series) (Load Balancer)	2.4.3-p6, 2.6.1-P1
A10	SoftAX	2.4.3-p6, 2.6.1-P1
Acme	Net-Net 3820	C6.3
Acme	Net-Net 4500	SCX6.1.0 MR-6 Patch 2 (Build 796), SCX6.2.0 MR-2 GA (Build 583), C6.3
Acme	Net-Net 9200(VxWorks)	D7.1
Acme Packet	SDN Net-Net 4250	SC 6.2.0
Adtran	Atlas 550 Router	C.08.x
Adtran	Atlas 890 Router	C.08.x
Adtran	NetVanta 3000 Series Router	07.x, 14.4
Adtran	NetVanta 1224STR	13.13.00
Alaxala	Switch AX1230S-24T2C	1.2
Alaxala	Switch AX1240S-24T2C	2.3
Alaxala	Switch AX2530S-24T(Layer 2)	3.1
Alaxala	Switch AX3650S-24T6XW(Layer 3)	11.5
Alaxala	Switch AX6608S	11.4
Alcatel	Alcatel OmniStack LS 6224	1.5.1.7
Alcatel	Alcatel OmniStack LS 6248	SW 1.7.0.13



**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Alcatel-Lucent	Ethernet Service Switch (ESS) 7450	5
Alcatel-Lucent	OmniSwitch 6000 Series	5.3.x
Alcatel-Lucent	Service Router 7705	4
Alcatel-Lucent	Service Router 7710	6.0, 7.0, 8.x
Alcatel-Lucent	Service Router 7750	5, 6.0, 7.0, 8.x
Alcatel-Lucent	Stinger DSLAM FS (TAOS)	9.10.0, 9.12.0x
Alcatel-Lucent	OmniSwitch 6850	6.4.3
Alcatel Lucent	Wireless Controller OAW-4306	AOS-W 6.0.1.1
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
Arbor	SP 5500	5.5
Arbor	TMS 3100	5.5
Arista	DCS-7050S-52-R	4.6.2
Arista	DCS-7050S-64-R	4.6.2
Arista	DCS-7050T-52-R	4.8.2
Arista	DCS-7050T-64-R	4.8.2
Arista	DCS-7124SX-R	4.6.1
Arista	Switch 7100 Series	4.3.3, 4.4.3, 4.5.1
Arista	7504	4.6.1
Arista	7508	4.6.1
Arris	Cadant C4 CMTS (Cable Modem Termination System)	04.02, 07.2.2.41
Arris	Switch D5	3.0.2.117
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

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Avocent	Terminal Server ACS6048(formerly Cyclades)	2.0.1.0
BelAir	Access Point 50 Series	6.0.x
BelAir	Access Point 100 Series	6.0.x
BelAir	Access Point 200 Series	2
BelAir	Access Point BA100S	8.0.7
BigBand	Cuda 12000 CMTS (Cable Modem Termination System)	6.0.2
Blade Network Technologies	RackSwitch G8000	6.5.1.56
Blade Networks	RackSwitch G8052	6.3.3.1
Blade Network Technologies	RackSwitch G8124	6.3.3.1
Blade Networks	RackSwitch G8124-E	6.3.3.1
Blade Networks	RackSwitch G8264	6.3.3.1
Blue Coat	ProxySG 210 Appliance	5.3.2.1
Blue Coat	ProxySG 510 Appliance	5.4.1.12
Blue Coat	ProxySG 600 Appliance	3.x
Blue Coat	ProxySG 810 Appliance	5.4.1.3 MACH Edition
Brocade	FastIron SX 800-PREM6	07.2.02aT3e3
Brocade	FCX 624S	7.2.0
Brocade	FCX624S-F	07.2.03T7F3
Brocade	FCX624SF-PREM	7.3.00
Brocade	FCX 624S-HPOE	7.2.0
Brocade	FCX 648S	7.2.0
Brocade	NetIron (MLX) IronWare	5.1.0bT163
Brocade	Stackable FESX624HF+2XG-PREM6	07.1.00aT3e3
Brocade	Stackable FGS624P-POE	07.2.02aT7e1
Brocade	Switch VDX 6720-24	2.0.1
Brocade	Switch VDX 6720-60	2.0.0, 2.0.1
Brocade	FCX 624F	7.3
Brocade	FCX 648H POE	7.3
Brocade	ICX 6610 24F	7.3
Brocade	ICX 6610 48P	7.3
Brocade	Load Balancer ADX ServerIron 10000	vASR12201fa
Brocade	Router MLX / MLXe	5.3
Brocade	Switch VDX 6710	2.1
Brocade	Switch VDX 6730	2.1
Cabletron	SmartSwitch Access Switch 2E48-27R	4.11.26

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
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	Firewall UTM-1 Edge X	NGX 8.0.42x
CheckPoint	IP390	6.2
Check Point	Provider-1 CMA, Linux	NGX R61
Check Point	SecurePlatform, Linux	NG Feature Pack 3
Check Point	SmartCenter, Solaris	NGX R65
Checkpoint	VPN-1 VSX - Linux	NGX R67 - Build 123, R75 - Build 254
Checkpoint	Firewall SecurePlatform Pro	R70.30 Build 097
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	ACE20-MOD-K9	A2(2.3), A2(3.3)
Cisco	ACE30K9	3.0.0 A4(2.1a)
Cisco	ACE 4710	A3.2x
Cisco	ADSL Router 800	12.x
Cisco	Aggregation Service Routers (ASR) 9K	XR 3.9.1, 3.9.2, 4.0.1
Cisco	Aironet 340	11.23T & 12.01T1
Cisco	Aironet 350	11.23T, 12.01T1 & 12.2
Cisco	Aironet 1100	12.2
Cisco	Aironet 1131AG	12.3(11)JA1
Cisco	Aironet 1200	12.2
Cisco	Aironet 1240 AG	12.3
Cisco	Aironet 1300	12.3
Cisco	Aironet AIR-BR1410A-A-K9	12.4
Cisco	Aironet CT5508-K9 (Access Point Controller WLC)	6.0.199.4

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Cisco	ASA 5500 Series Adaptive Security Appliance	7.0, 7.1, 7.2(4), 8.0, 8.2(1)
Cisco	ASA 5540 Adaptive Security Appliance - Context Support	8.2(1)
Cisco	ASA 5550 Adaptive Security Appliance	8.0(3)12
Cisco	ASA 5580 Adaptive Security Appliance	8.1, 8.1(1)
Cisco	ASR 901	15.1
Cisco	ASR 1000 Series Aggregation Services Routers 1002, 1004, 1006 (IOS-XE)	2.1.1, 2.3.2-2.5.0, 2.6.0, 3.1, XE 3.2.1S
Cisco	ASR 1001 Aggregation Services Router(IOS-XE)	3.3.1
Cisco	ASR 5000 Aggregation Services Router (StarOS)	12
Cisco	ASR 9000 Series Aggregation Services Router (IOS-XR)	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 Blade Switch 3130 for the Dell M1000E	12.2(40)EX3
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 2950-12	12.2.22EA13
Cisco	Catalyst Switch 2950-12G	12.2.22EA13
Cisco	Catalyst Switch 2950-24	12.x, 12.2.22EA13
Cisco	Catalyst Switch 2950-24C	12.x
Cisco	Catalyst Switch 2950-24G	12.x, 12.2.22EA13
Cisco	Catalyst Switch 2950-24T	12.x, 12.2.22EA13

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Cisco	Catalyst Switch 2950-48G	12.x, 12.2.22EA13
Cisco	Catalyst Switch 2950-48T	12.x
Cisco	Catalyst Switch 2955	12.1(22)EA10a
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 WS-C2960-24-S	12.2(37)EY
Cisco	Catalyst Switch 2960-48PST-S	12.2(50)SE2
Cisco	Catalyst Switch 2960-24TC-L	12.2(44)SE
Cisco	Catalyst Switch 2960-24TT-L	12.2(44)SE
Cisco	Catalyst Switch WS-C2960-48PST-L	12.2(46)SE
Cisco	Catalyst Switch 2960-48TC-L	12.2(44)SE
Cisco	Catalyst Switch 2960-48TT-L	12.2(44)SE
Cisco	Catalyst Switch 2960-48TT-S	12.2(50)SE1
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 2960S	12.2(55)SE2
Cisco	Catalyst Switch 2960SM	12.2(52)EX
Cisco	Catalyst Switch WS-C2960-24-PC-S(C2960 series)	12.2(50)SE3
Cisco	Catalyst WSC2960S-24TS-L	12.2(53)SE1
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 Module WS-CBS3012-IBM-I(IOS version)	12.2(0.0.951)SE3
Cisco	Catalyst Switch 3500XL	11.x, 12.x
Cisco	Catalyst Switch 3548XL	11.x, 12.x
Cisco	Catalyst Switch 3120	12.2(46)SE, 12.2(58)SE1, 12.2(55)SE
Cisco	Catalyst Switch WS-CBS3120G-S	12.2(50)SE3, 12.2(58)SE1
Cisco	Catalyst Switch 3550	12.x
Cisco	Catalyst Switch 3560	12.x
Cisco	Catalyst Switch 3560-E	12.2(44)SE1

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Cisco	Catalyst Switch 3560-E-12D	12.2(35)SE5
Cisco	Catalyst Switch 3560-E-24TD-S	12.2(35)SE5
Cisco	Catalyst Switch 3560-E-48TD-S	12.2(35)SE5
Cisco	Catalyst Switch 3560V2	12.2(50)SE3
Cisco	Catalyst Switch 3560v2-24TS-E	12.2(55)SE
Cisco	Catalyst WS-C3560X-24T-L (C3560E series)	12.2(55)SE
Cisco	Catalyst Switch 3560X-48P-S	12.2(55)SE1
Cisco	Catalyst WS-C3560X-48T-L (C3560E series)	12.2(55)SE
Cisco	Catalyst Switch 3750	12.x
Cisco	Catalyst Switch 3750 - Stacked	12.x
Cisco	Catalyst Switch 3750G-48TS-E	12.2
Cisco	Catalyst Switch 3750V2	12.2(50)SE3, 12.2(53)SE
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-IPBASEK9-M	12.2(53)SG
Cisco	Catalyst Switch 4500, 4507R, 4510 (Native Mode)	11.x, 12.x
Cisco	Catalyst Switch 4506-E (Native Mode)	12.2
Cisco	Catalyst Switch WS-C4507R+E (IOS-XE series)	03.01.01.SG
Cisco	Catalyst Switch WS-C4510R+E (IOS-XE series)	3.2.0
Cisco	Catalyst Switch 4900M	12.2.53(SG1)
Cisco	Catalyst Switch 4908G-L3	11.x, 12.x
Cisco	Catalyst Switch 4948	12.x
Cisco	Catalyst Switch 4948E	12.2(54)SG1
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, 6503, 6503-E, 6509 (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), A2(1.6A)
Cisco	Catalyst Switch 6500 Application Control Engine (ACE) Module - Context Support	A2(1.1), A2(1.6A)

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Cisco	Catalyst Switch 6500 Firewall Services Module (FWSM)	3.1(1), 3.2(6), 4.0(6)
Cisco	Catalyst Switch 6500 Firewall Services Module (FWSM) - Context Support	3.1(1), 3.2(6), 4.0(6)
Cisco	Catalyst Switch 6500 Wireless Services Module (WiSM)	4.0.x, 4.1.x, 5.2.178.0
Cisco	Catalyst Switch 6509-E	12.2(33)SXI4a, 12.2(18)ZYA2
Cisco	Catalyst Switch 8500	12.x
Cisco	CIGESM	12.1(22)AY1
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	7.50.0.04, 8.10.1.06, 8.20.1.01
Cisco	Content Services Switch CSS 11501 L0	8.20.1.01
Cisco	Content Services Switch CSS 11503	8.1
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	Global Site Selector (GSS) 4492R	2.0(3), 2.0(5.0.0), 3.1(2)
Cisco	Gigabit Switch Router (GSR) 12K	XR 4.0.1, 3.9.1, 3.9.2, 3.8.4
Cisco	Intelligent Gigabit Ethernet Switch Module (IGESM) for the IBM BladeCenter	12.x
Cisco	Intrusion Prevention System (IPS) Sensor 4260-K9	7.0(2)E4
Cisco	LightStream 1010	12.x
Cisco	LightStream 1015	12.x
Cisco	Load Balancers, LD Series	

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

Vendor	Model	OS Version
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	MDS Multilayer Switch DS-C9506_DS-C9124 (SAN-OS)	4.2(1a)
Cisco	MDS Multilayer Switch 9513	4.2(3)
Cisco	Modular Access Platform 3662	12.x
Cisco	Mobile Wireless Router(MWR) 2941	15.0.(1)MR, 15.1(1)MR
Cisco	Optical Networking System (ONS) 15454	5.4, 6.02.02, 7.02.02, 8.51-008B-14.13
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
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 C870-ADVENTERPRISEK9-M	12.4(22)T3, 12.4(2)XA1
Cisco	Router 877	15.0.(1)M3
Cisco	Router 878	12.4(15)T6
Cisco	Router (ISR) 880	15.0(1)M1
Cisco	Router 881G	12.4(20)T1
Cisco	Router 887	15.0(1)M5
Cisco	Router 891	15
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 1802	12.4(15)T12
Cisco	Router 1812-J	12.4(9)T7
Cisco	Router 1841	11.x, 12.4(24)T1, 12.4(24)T3, 15.0(1)M2
Cisco	Router (ISR) 1921	15.0.1, 15.1(4)M
Cisco	Router (ISR )1941	15.0(1r)M9, 15.0(1)M3



**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Cisco	Router 2500	11.x, 12.x
Cisco	Router 2524	12.0(18)
Cisco	Router 2600	11.x, 12.x
Cisco	Router 2800	11.x, 12.x
Cisco	Router 2811	15.0(1)M1
Cisco	Router 2821	15.0(1)M1
Cisco	Router 2901	15.0(1)M, 15.0(1)M1, 15.1(T)K9
Cisco	Router 2911	15.0(1)M
Cisco	Router 2921	15.0(1)M1
Cisco	Router (ISR) 2951	15.0.(1)M2 , 15.0(1)M3
Cisco	Router 3600	11.x, 12.x
Cisco	Router 3700	11.x, 12.x
Cisco	Router 3725	11.x, 12.x
Cisco	Router 3825	11.x, 12.x
Cisco	Router 3845	11.x, 12.4(8a)
Cisco	Router 3925	15.0(1)M2
Cisco	Router 3945	15.0(1)M1, 15.0(1)M4
Cisco	Router 3945e	15.1(3)T1
Cisco	Router 4000	11.x, 12.x
Cisco	Router 4500	11.x, 12.x
Cisco	Router WS-C 4507R-E	12.2(31)SGA8
Cisco	Router WS-C4510R-E	12.2(53)SG1
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 7201 (7200 series)	12.4(24)T2
Cisco	Router 7300	11.x, 12.x
Cisco	Router C7301-IS-M	12.3(10a)
Cisco	Router 7500	11.x, 12.x
Cisco	Router 7603	11.x, 12.x
Cisco	Router 7604	11.x, 12.x

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Cisco	Router 7606 (CatOS)	5.x, 6.x & 7.x
Cisco	Router 7606 (IOS)	11.x, 12.x, 12.2(33)SRD6
Cisco	Router 7606-S	12.2(33)SRC6
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, 3.8.4, 3.9.1, 3.9.2, 4.0.1
Cisco	Router 12410 (IOS-XR)	3.8.1
Cisco	Router AS 2511	12.x
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, 3.6.1, 3.6.3, 3.7.1, 3.8.1, 3.8.2, 3.9.0, 3.9.1, 3.9.2, 4.0.1
Cisco	Router CRS-8/S(IOS-XR)	4.1.1
Cisco	Router SOHO 9x Series	12.x
Cisco	Switch 1548	12.x
Cisco	Switch ME2400	12.x
Cisco	Switch ME340x-METROIPACCESSK9-M	12.2(50)SE1
Cisco	Switch ME3400	12.x, 12.2(54)SE
Cisco	Switch ME-3400G-12CS-A	12.2(54)SE
Cisco	Switch ME-3400EG-2CS-A	12.2(54)SE
Cisco	Switch ME-3400G-12CS-D	12.2(46)SE
Cisco	Switch ME-3400EG-12CS-M	12.2(52)SE
Cisco	Switch ME-3400G-2CS-A	12.2(54)SE
Cisco	Switch ME C3750-24TE-M	12.2(52)SE
Cisco	Switch Nexus 1000v	4.2(1)
Cisco	Switch Nexus 3000(NX-OS)	5
Cisco	Switch Nexus 3000 3064-E (NX-OS)	5

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Cisco	Switch Nexus 5010, 5020 (NX-OS)	4.0(1a)N1(1), 4.0(1a)N2(1), 4.1(3)N1(1), 4.1(3)N2(1a), 4.2(1)N1(1a), 5.0(2), 5.0(3)
Cisco	Switch Nexus 5500	5.0(2)N1(1)
Cisco	Switch Nexus 5548	5.0(3)N1(1)
Cisco	Switch Nexus 5548UP	5.0(3)N2(2)
Cisco	Switch Nexus 5596	5.0(3)N1(1c)
Cisco	Switch Nexus 7000 (NX-OS)	4.0(4), 4.1(4), 4.2, 4.2(4), 5.0(2), 5.0(3), 5.1(3), 5.2(1)
Cisco	Switch Nexus C7010	5.0(2), 5.0(2o), 5.1(1a),6.0.1
Cisco	Switch Nexus C7018	4.2(3E3), 5.1(3)
Cisco	Unified Call Manager	6.0.1.x
Cisco	Unified CallManager 7845H	8.5
Cisco	Unified Computing System UCS 6100 Series	4.0(1a)N2(1.1)
Cisco	Unified Computing System (UCS) 6120xp (NX-OS)	4.1(3)N2(1.1j)
Cisco	Unity Express CUE Messaging Card AIM-CUE	3.1.1
Cisco	Universal Gateway AS5400	12.4(24)
Cisco	Virtual Switch Nexus 1000V (NX-OS)	4.0(4)SV1(1)
Cisco	Voice Gateway VG224	12.3(11)T10, 12.4(11)T2/T3
Cisco	Voice Gateway VG248	1.3(1)
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 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, 5.1.151.0
Cisco	Wireless LAN Controller 4402-50-K9	7.0.98.0
Cisco	Wireless LAN Controller 5500	7.0.98.0
Cisco	Aggregation Service Routers (ASR) 7401	12.3(3)

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Cisco	Aironet AIR-AP1142N-E-K9 (C1140 series)	12.4(25d)JA1
Cisco	ASA 5580-40 Adaptive Security Appliance	8.2(3)
Cisco	CBS31X0-UNIVERSALK9-M	12.2(52)SE
Cisco	Catalyst WS-C3560V2-24TS	12.x
Cisco	Catalyst Switch 4510re	12.2(52)
Cisco	Catalyst Switch WS-C4928-10GE	12.2(46)SG
Cisco	Catalyst Switch 4948E-F	12.2(54)SG1
Cisco	Cat 6K WS-SVC-CMM Voice Linecard (Cat6K-lc series)	12.4(10.6)
Cisco	Router CRS-16/S(IOS-XR)	4.2.0
Cisco	MDS Multilayer Switch 9506	5.2(2)
Cisco	MDS Multilayer Switch 9509	5.2(2)
Cisco	MDS Multilayer Switch HP FC BladeSystem	5.2(2)
Cisco	Router 2801	15.1(3)T2
Cisco	Switch ME-C6524GT-8S	12.2(33)SXH5, 12.2(33)SXI7
Cisco	Switch ME-4924-10GE	12.2(46)SG
Cisco	Wide Area Application Engine WAE-512-K9 (WAAS)	oe512-4.1.7a.10
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
Citrix	Netscaler 18500	9.2
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
Crossbeam	Switch X45	8.1.x, 8.5, 9.0
Crossbeam	Switch X80	8.1.x, 8.5, 9.0, 9.5
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, 3.2.1-2
Cyclades	Console Server ACS32	2.6.0-1, 3.0
Cyclade	Console Server ACS48	2.6.0-1, 3.0, 3.3.0

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Cyclades	Console Switch ACS 6000	2.0.1.0
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.x
Cyclades	Terminal Server TS Series	1.4.x
Dell	PowerConnect Switch 2848	1.0.0.33
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	CM 8	1.9.2
Digi	CM 16	1.9.2
Digi	CM 32	1.9.2
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
Edgemark	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 C3 SecureStack C3G124-48P	01.01.06.0007
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 N5 7G4205-72	06.12.03.0003
Enterasys	Matrix N5 7G4270-12	07.21.02.0002
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

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
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
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

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
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
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 400-24t	7.8e.1.1
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, 9.4.8, 10.0.1, 10.1, 10.2.0
F5	Big IP 8800	11.0.0
F5	BIG-IP 8950	11.0.0
Force10	Router E-Series	5.x
Force10	Switches, E/C/S Series (FTOS)	7.8.1
Force10	Switch E600i(FTOS)	8.x
Force10	Switch S50 (SFTOS)	2.5.3.2
Force10	Switch S50 48GE 2TENGIG L3 Stackable switch	2.5.1.3 , 2.5.2.2
Force10	Switch S60(FTOS)	8.x
Force10	Switch S4810(FTOS)	8.x
Force10	Switch Z9000(FTOS)	8.x
Fore Systems	Switch ASX1000	5.3.1
Fortinet	FortiAnalyzer 400B	4
Fortinet	Fortigate-60M Antivirus Firewall	3
Fortinet	Fortigate 50B	4.x
Fortinet	Fortigate 60B	4.x
Fortinet	Fortigate 80CM	4.x
Fortinet	Fortigate 310B	4.x
Fortinet	Fortigate 3810 (FortiOS)	3
Foundry	ADX	12.1.00cT403
Foundry	BigIron RX-4	2.2.1c
Foundry	BigIron RX-8	2.7.1bT145

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Foundry	BigIron RX-16	2.6.0gT145, 2.7.1bT145
Foundry	FastIron Edge Switch	3.x
Foundry	FastIron Edge Switch FESX424-PREM	4.0.0.1x
Foundry	FastIron Switch FCX648S	06.0.00T7f1
Foundry	FastIron Workgroup Switch	7.x
Foundry	NetIron Switch	7.x
Foundry	NetIron Switch CES 2048	4.1.0aT185
Foundry	NetIron Switch XMR	3.7.0
Foundry	ServerIronGT E-1	10.2.01fTD4, 10.2.01qTD4
Foundry	ServerIron Switch	7.x, 8.x
Foundry	ServerIron Switch 450	9.4.0x,10.2.01qT D4
Funkwerk	Artem W3000 Series Access Point	6.05
Fujitsu	FlashWave 7420	9.1
Gigamon	GigaVUE212	8.0.x
Gigamon	GigaVUE420	8.0.x
Gigamon	GigaVUE2404	8.0.x
H3C	Router MSR20-10 (Comware)	5.2
H3C	Router MSR20-11 (Comware)	5.2
H3C	Router MSR20-12 (Comware)	5.2
H3C	Router MSR20-15 (Comware)	5.2
H3C	Router MSR20-20	R220
H3C	Router MSR20-21 (Comware)	5.20 Release 2207P02
H3C	Router MSR20-40(Comware)	5.2
H3C	Router MSR30-16	2105P36
H3C	Router MSR30-20 (Comware)	5.2
H3C	Router MSR30-40 (Comware)	5.2
H3C	Router MSR30-60(Comware)	5.2
H3C	Router MSR50-40 (Comware)	5.2
H3C	Router MSR50-60	R2207
H3C	Router SR6602 (Comware)	5.20 Release 2315P07
H3C	Router SR6604 (Comware)	5.2
H3C	Router SR6616 (Comware)	5.20 Release 2315P07



**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
H3C	Router MSR900 (Comware)	5.2
H3C	Router MSR920 (Comware)	5.2
H3C	Router SR8802 (Comware)	5.2
H3C	Router SR8805 (Comware)	5.2
H3C	Router SR8808 (Comware)	5.2
H3C	Router SR8812 (Comware)	5.2
H3C	Switch A5120-28C-EI (Comware)	5.2
H3C	Switch A5500 24G(Comware)	5.20.99, Release 2210
H3C	Switch S3100-8tp-PWR-EI (Comware)	3.1
H3C	Switch S3100-26TP-PWR-EI (Comware)	3.1
H3C	Switch S3600-28P-EI (Comware)	3.1
H3C	Switch S3610-28P (Comware)	5.2
H3C	Switch 4510G 24-Port(Comware)	5.2
H3C	Switch S5100-26C-EI (Comware)	3.1
H3C	Switch S5120-28C-PWR-EI (Comware)	5.2
H3C	Switch S5120-52C-PWR-EI (Comware)	5.2
H3C	Switch S5120-52P-SI (Comware)	5.2
H3C	Switch 5500-24p(Comware)	5.2
H3C	Switch S5500-28C-EI (Comware)	5.2
H3C	Switch S5500-28C-SI (Comware)	5.2
H3C	Switch S5500-52C-EI (Comware)	5.20 Release 2102, Release 2208
H3C	Switch S5500-52C-PWR-EI (Comware)	5.2
H3C	Switch S5510-24P (Comware)	5.2
H3C	Switch S5600-26C (Comware)	3.1
H3C	Switch S5600-50C (Comware)	3.10, Release 1602P06
H3C	Switch S5800-32C (Comware)	5.2
H3C	Switch S5800-56C (Comware)	5.2
H3C	Switch S5800-60C-PWR(Comware)	5.2
H3C	Switch S5810-50S (Comware)	5.2
H3C	Switch S5820X-28C (Comware)	5.20 Release 1109P01
H3C	Switch S5820X-28S (Comware)	5.2
H3C	Switch S7502E (Comware)	5.2

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
H3C	Switch S7503E (Comware)	5.2
H3C	Switch S7503E-S (Comware)	5.2
H3C	Switch S7506E (Comware)	3.10, 5.20
H3C	Switch S7506E-S (Comware)	5.2
H3C	Switch S7506E-V (Comware)	5.2
H3C	Switch S7506R (Comware)	3.10 Release 3135
H3C	Switch S7510E (Comware)	5.2
H3C	Switch S7903E (Comware)	5.2
H3C	Switch S8508 (Comware)	3.1
H3C	Switch S9505E (Comware)	5.2
H3C	Switch S9508 (Comware)	3.10, 5.20
H3C	Switch S9512 (Comware)	3.10 Release 1632P05, 5.20 Release 2132
H3C	Switch S9512E (Comware)	5.2
H3C	Switch S12508 (Comware)	5.2
H3C	Switch S12518 (Comware)	5.2
H3C	Switch S5600-50C (Comware)	3.10, Release 1602P06
H3C	TippingPoint 10	3.1.4.x
H3C	TippingPoint 110	3.1.4.x
H3C	TippingPoint 330	3.1.4.x
H3C	TippingPoint 660N	3.2.0.x
H3C	TippingPoint 1200N	3.2.1
H3C	TippingPoint 1400N	3.2.0.x
H3C	TippingPoint 2400E(TOS)	2.5.4.6946, 2.5.4.x,2.5.6.7114
H3C	TippingPoint 2500N	3.2.0.x
H3C	TippingPoint 5100N	3.1.2.1283, 3.2.0.x
H3C	TippingPoint 6100N	3.2.1.1639
H3C	TippingPoint Core Controller	1.1.1.1185
H3C	UTM Appliance U200-A (JD275A) (Comware)	5.2
H3C	UTM Appliance U200-S (JD273A) (Comware)	5.2
H3C	VPN Firewall Appliance F1000-E (JD272A) (Comware)	5.2
H3C	VPN Firewall Appliance F5000(JD259A) (Comware)	5.2
H3C	VPN Firewall Module S5820(JD255A) (Comware)	5.2

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
H3C	Advanced VPN Firewall Module S7500(JD249A) (Comware)	5.2
H3C	VPN Firewall Module S9500(JD245A) (Comware)	5.2
H3C	Wireless LAN Controller WX3008 (Comware)	5.2
H3C	Wireless LAN Controller WX3008-LSW (Comware)	3.1
H3C	Wireless LAN Controller WX3010 (Comware)	5.2
H3C	Wireless LAN Controller WX3010-LSW (Comware)	3.1
H3C	Wireless LAN Controller WX3024 (Comware)	5.2
H3C	Wireless LAN Controller WX3024-LSW (Comware)	3.1
H3C	Wireless LAN Controller WX5004(Comware)	5.2
H3C	Line Card 12508(8-port 10-GbE XFP LEC)(JC068B)	5.2
H3C	Line Card 12518 (8-port 10-GbE XFP LEC)(JC068B)	5.2
H3C	Switch S5120-24P-EI(Comware)	5.2
H3C	Switch S10504 (Comware)	5.2
H3C	Router SR6602-A1 (Comware)	5.2
Hatteras	HN408	1.08.90
HP	Access Point E-MSM466-R	5.7
HP	Access ControllerE-MSM720	5.7
HP	GbE2c Ethernet Blade Switch for the HP c-Class BladeSystem	5.2.1
HP	ProCurve 2500 Series	F.04.x, F.05.x
HP	ProCurve 2510-48 (J9020A)	U.11.17
HP	ProCurve 2510B-24 (J9019A)	Q.11.26
HP	ProCurve 2510G-24 (J9279A)	Y.11.23
HP	ProCurve 2520G-8-PoE (J9137A)	S14.03, KA15
HP	ProCurve 2520G-24-PoE (J9299A)	J.14.01, S14.03, KA15
HP	ProCurve 2520G-24-PoE (J9138A)	S14.03
HP	ProCurve 25400zl Series	K15.02
HP	ProCurve 2600 PWR Series	H.10.50
HP	ProCurve 2610 Series	R.11.07, R.11.25
HP	ProCurve 2615-8-PoE (J9565A)	A14.04, KA15
HP	ProCurve 2615-8G-PoE	KA15
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

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
HP	ProCurve 2810-24G (J9021A)	N.10.07, N.11.15
HP	ProCurve 2824 (J4903A)	I.08.98, I.10.77
HP	ProCurve 2848 (J4904A)	I.08.98
HP	ProCurve 2900-24G (J9049A)	T.13.71
HP	ProCurve 2910a1-24G-PoE+	W.14.38
HP	ProCurve 2915-8G-PoE (J9562A)	A14.04
HP	ProCurve 3400cl Series	M.08.75
HP	ProCurve 3500 Series	K.11.63, K.12.1x, K15.03
HP	ProCurve 3500 24-port non-PoE (J9470A)	K.14.32
HP	ProCurve 3500 24-port PoE (J9471A)	K.14.32
HP	ProCurve 3500-48 (J9472A)	K.14.65, K15.02
HP	ProCurve 3500-48-PoE (J9473A)	K.14.65, K15.02
HP	ProCurve 3500yl (J8692A)	K.14.15, K.15.03
HP	ProCurve 3500yl-24G-PoE (J9310A)	K.14.65, K15.02
HP	ProCurve 3500yl-48G-PoE (J9311A)	K.14.65, K15.02
HP	Procurve E3800	KA.15
HP	Procurve E3800-24G-2XG	KA.15
HP	Procurve E3800-48G-4XG	KA.15
HP	Procurve E3800-24G-PoE+2XG	KA.15
HP	Procurve E3800-48G-PoE+4XG	KA.15
HP	ProCurve 4104GL (J4887A)	G.07.109
HP	ProCurve 4202vl-48G (J8771A)	L11.24
HP	ProCurve 4202vl-72 (J8772A)	L11.24
HP	ProCurve 4204vl-48GS (J9064A)	L.11.x
HP	ProCurve 4208vl( J8773A)	L.11.20, L11.24
HP	ProCurve 5304xl	E.10.6.7, E.11.10
HP	ProCurve 5308	E.11.10
HP	ProCurve 5308xl	E.08.x
HP	ProCurve 5400 Series	K.11.63, K.12.1x
HP	ProCurve 5400zl Series	K.14.59, K15.02
HP	ProCurve 5406zl (J8697A)	K.13.51, K.14.15, K.15.03
HP	ProCurve 5412zl	K.15.03
HP	ProCurve 6108	H.07.56, v. H.07.87, H.07.90
HP	ProCurve 6120G/XG	Z14.22

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
HP	ProCurve 6200yl	K.15.03
HP	ProCurve 6200yl-24G	K.13.65m
HP	Procurve Switch 6400cl Series (J8433A)	M.08.116
HP	Procurve Switch 6410cl Series (J8474A)	M.08.116
HP	ProCurve 6600-24G-4XG (J9264A)	K.14.08, K.14.09
HP	ProCurve 6600ml	K.15.03
HP	ProCurve 6600ml-24XG	K.14.41
HP	ProCurve 6600ml-48G (J9451A)	K.14.47
HP	ProCurve 6600ml-48G-4XG	K.14.24
HP	ProCurve 8200zl Series	K.15.02
HP	ProCurve 8206zl (J9477A)	K.14.60
HP	ProCurve 8212zl	K.12.51, K15.03
HP	ProCurve M-Series	08.x, 09.x
HP	ProCurve MSM310 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4, 5.4.2
HP	ProCurve MSM313-R WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM320 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM323-R WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM335 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM410 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM422 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM 430	5.5.x
HP	ProCurve MSM 460	5.5.x
HP	ProCurve MSM 466	5.x
HP	ProCurve MSM710 Mobility Controller	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM760 Mobility Controller	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM765 Mobility Controller	5.2.6, 5.3.1, 5.3.3, 5.3.4, 5.4.2
HP	ProLiant Switch Series	2
HP	Switch E2620-24	RA_15_05
HP	Switch E2620-24-PPoE+	RA_15_05

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
HP	Switch E2620-24-PoE+	RA_15_05
HP	Switch E2620-48	RA_15_05
HP	Switch E2620-48-PoE+	RA_15_05
HP	Switch E3800-24G-PoE+-2SFP+	KA.15
HP	Switch E3800-48G-PoE+-4SFP+	KA.15
HP	Switch E3800-24G-2SFP+	KA.15
HP	Switch E3800-48G-4SFP+	KA.15
HP	Switch E3800-24SFP-2SFP+	KA.15
HP	Virtual Connect Flex-10	2.10, 2.33, 3.10, 3.30
HP	HPSCS16 terminal server	1.9
HP	ProCurve 2520-8-PoE	S.15.06
HP	ProCurve2520-24-PoE	S.15.06
HP	ProCurve 2910 AL	W.14.03
HP	ProCurve 2910al-24G	W.15.08
HP	ProCurve 2910al-24G-PoE	W.15.08
HP	ProCurve 2910al-48G	W.15.08
HP	ProCurve 2910al-48G-PoE	W.15.08
HP	Switch A6602-X	5.2
HP	Switch A7510	5.2
HP	Switch A10504(Comware)	5.2
HP	Switch A12508(Comware)	5.2
HP	Virtual Connect Flex VC-ENET+FC	3.17
Huawei	AR46-40E	3.4
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
Huawei	Quidway 3552G	3.1
Huawei	Quidway S3600-52P-EI	3.1
Huawei	Quidway S8512	3.1

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Huawei	Quidway S6503	3.10 Release 3032
Huawei	Quidway S6506	3.10, Feature 3045L01, Release 2039P02, Release 2039P05, Release 3030, 5.20
Huawei	DSLAM 5105	100R010
Huawei	DSLAM 5600	300R002
Intel	Sarvega Guardian Gateway	5.1.x
Juniper	CTP 1002	4.1R11, 4.5R2,4.6R4
Juniper	CTP 2008	4.1R11, 4.5R2, 4.6R4
Juniper	CTP 2056	4.1R11, 4.5R2, 4.6R4
Juniper	DX Series Application Accelerator	5.0.x
Juniper	EX Switch 3200	9.x, 10.0R2.0
Juniper	EX Switch 4200	9.x, 10.0R2.0
Juniper	EX Switch Ex4200-48t	10.0S1.1
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 J2320	8.5, 9.3R3.8, 10.3R1.9
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, 8.5, 10.3R1.9
Juniper	M-Series	5.5, 6.x, 7.x, 8.0.x, 8.1.x
Juniper	M7i	8.5, 10.0R1.8, 10.0R3.8
Juniper	M10	10.2R13
Juniper	M10i	8.5, 10.0R4.7, 10.4R2.6
Juniper	M40e	8.5

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Juniper	M120	10.0R2.10, 10.2R13
Juniper	M320	10.1R3.7, 10.2R13
Juniper	MX-Series MX240	8.0.x, 8.1.x,10.0,10.4 R7.5,11.1R2.3, 11.2R2.4
Juniper	MX-Series MX480	8.0.x, 8.1.x,10.0,10.4 R7.5,11.1R2.3, 11.2R2.4
Juniper	MX-Series MX960	8.0.x, 8.1.x,10.0,10.4R4. 5,10.4 R7.5
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
Juniper	NetScreen-ISG 1000 Firewall/VPN	5.x, 6.1
Juniper	NetScreen-ISG 2000 Firewall/VPN	5.x, 6.2, 6.3
Juniper	SA 2000 Secure Access SSL VPN	5.1R2
Juniper	SA 2500 Secure Access SSL VPN	6.3R4
Juniper	SA 6000 Secure Access SSL VPN	6.2R3
Juniper	Secure Services Gateway SSG 5	5.4.12, 6.2.0r6.0
Juniper	Secure Services Gateway SSG 20	5.4.12, 6.2.0r1.0
Juniper	Secure Services Gateway SSG 140	5.4.0r7.0, 6.1.0r7.0, 6.2.0r6.0 , 6.3.0r3.0



**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Juniper	Secure Services Gateway 320	6.2.0r1.0
Juniper	Secure Services Gateway SSG 320M	6.1.0r2.0
Juniper	Secure Services Gateway SSG 520	5.4.12, 6.3
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) 210 (JUNOS)	10.0R3.10, 10.4R1.9
Juniper	SRX (Switch / Router / Firewall) 220H	10.4R3.4
Juniper	SRX (Switch / Router / Firewall) 240	9.6R1.13, 10.0R3.10
Juniper	SRX (Switch / Router / Firewall) 650 (JUNOS)	10.1R3.5
Juniper	SRX (Switch / Router / Firewall) 5600 (JUNOS)	9.5R1.8 ES, 10.0, 10.2R2.11, 10.3
Juniper	SRX (Switch / Router / Firewall) 5600 - Clustered (JUNOS)	9.5R1.8 ES
Juniper	SRX (Switch / Router / Firewall) 5800 (JUNOS)	9.5R1.8 ES, 9.6R1, 10.2R2.11, 10.3, 10.4
Juniper	T-Series T640	5.5, 6.x, 7.x, 10.4 R7.5
Juniper	T-Series T1600	10.2R13
Juniper	WX / WXC Application Accelerator	5.x
Kentrox	AIfocus 3200	FOCUS 130.000007
Kentrox	AIRemote series	2.5x
Kentrox	AISwitch AI180(CLC198)	2.32
Lantronix	Ethernet Terminal Server ETS8P	3.6/4
Lantronix	Ethernet Terminal Server ETS16P	3.6/4
Lantronix	SecureLinx SLC48	5.2, 5.3a, 5.5
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

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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	Access Point AP-7131N	5.1.0.0-045B
Motorola	BSR2000	1.0.0P59.07.TRC U
Motorola	Moto CherryPicker DM64000	5.2
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
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
Network Equipment Technologies	UX2000 Gateway	1.0.0v171
Network Equipment Technologies	VX1200	4.7v127
Nokia	IP530 Firewall/VPN (IPSO)	4.2
Nokia	IP560 Firewall/VPN (IPSO)	4.2, 6.2

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Nokia	IP690 Firewall/VPN (IPSO)	4.2, 6.2
Nokia	IP1220 Firewall/VPN (IPSO)	4.2
Nokia	IP1260 Firewall/VPN (IPSO)	4.1, 4.2, 6.2
Nokia	IP1280 Firewall/VPN (IPSO)	6.2
Nokia	IP 1290 Firewall/VPN (IPSO)	6.2
Nokia	IP2255 Firewall/VPN (IPSO)	4.2, 6.2
Nokia	IP2450 Firewall/VPN (IPSO)	WebOS 10.0
Nortel	Alteon 180 Series	WebOS 10.0
Nortel	Alteon ACEdirector (AD) Series	22.0.x, 23.2.x
Nortel	Alteon Application Switch 2424	22.0.x, 23.0.3
Nortel	Alteon Application Switch 3408	3.5
Nortel	Alteon ASF	4.2.1, 5.0
Nortel	Alteon SSL-VPN	3.0, 3.5
Nortel	BayStack 325	4.x
Nortel	BayStack 350T	3
Nortel	BayStack 380	4.x
Nortel	BayStack 410	3.0, 3.1.1.01
Nortel	BayStack 420	3.0, 3.1, 3.6
Nortel	BayStack 425	3.2.0.x, 4.x
Nortel	BayStack 450T	2.2, 3.0
Nortel	BayStack 460	2.2, 3.0, 3.1, 3.5, 3.6
Nortel	BayStack 470	3.7.3.13
Nortel	Baystack 470-48T	3.0.6.08
Nortel	BayStack 470-48T-PWR	2.2, 3.0, 3.1, 4.0, 4.1, 4.2, 4.3, 5.0
Nortel	BayStack 5500 Series	1.1.3.x, 3.0, 3.1
Nortel	BayStack BPS2000	3.2.2
Nortel	Centillion C-100 ATM Switch	7.2
Nortel	Contivity 100	7.2
Nortel	Contivity 400	4.x, 5.x, 6.x
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
Nortel	Contivity 2000 Series	4.x
Nortel	Contivity 4000 Series	4.x
Nortel	Contivity 5000 Series	4

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Nortel	Ethernet Routing Switch (ERS) 2500 Series	4.2.2.005
Nortel	Ethernet Routing Switch (ERS) 2526T	5.0.1.0
Nortel	Ethernet Routing Switch (ERS) 4500 Series	5.2.1
Nortel	Ethernet Routing Switch (ERS) 4520G	5.2.1
Nortel	Ethernet Routing Switch (ERS) 4524GT	5.1.3.025
Nortel	Ethernet Routing Switch (ERS) 5510-24T	4.2.5.003, 5.1.1.017, 6.0.0.005
Nortel	Ethernet Routing Switch 5510-48T	4.2.2.012
Nortel	Ethernet Routing Switch (ERS) 5520-48T-PWR	5.1.1.017
Nortel	Ethernet Routing Switch (ERS) 5530-24TFD	3.7, 4.1
Nortel	Ethernet Routing Switch (ERS) 8600 Series	1.0.x, 1.2.x
Nortel	GbE Switch Module for IBM BladeCenter	7.1
Nortel	Multiservice Switch MSS 7420	7.1, 8.2
Nortel	Multiservice Switch MSS 7440	7.1
Nortel	Multiservice Switch MSS 7460	7.1, 8.1b
Nortel	Multiservice Switch MSS 7480	1.2, 1.3.5
Nortel	OPTera Metro Ethernet (OME) Service Module 1400	1.2, 1.3.5
Nortel	OPTera Metro Ethernet (OME) Service Module 1450	2.1.6.1
Nortel	Passport 1200	1.1, 1.2.4, 2.1
Nortel	Passport 1600	CB02S1B
Nortel	Passport 6400	3.2, 3.3, 3.4, 3.5, 3.7
Nortel	Passport 8100	3
Nortel	Passport 8300	3.2, 3.3, 3.4, 3.5, 3.7, 4.1
Nortel	Passport 8600	14.03, 14.20, 15.4, 15.5, 15.6, 15.7
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

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Nortel	Router BN	14.03, 14.20, 15.4, 15.5
Nortel	Router Passport 2430	14.03, 14.20, 15.4, 15.5
Nortel	Router Passport 5430	8.1, 8.2, 8.2.1
Nortel	Secure Router 1001	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 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	8.0, 8.0.1
Nortel	Secure Router 1400	9
Nortel	Secure Router 3120	8.2.1
Nortel	Secure Router 4100	10
Nortel	Secure Router 4134	7.2b, 8.2.1
Nortel	Secure Router 6302	6.05
Nortel	VPN Gateway 3050	6.05
Nortel	VPN Gateway 3070	07.00.062
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	1.2
Nortel	WLAN Access Point 2220	1
Nortel	WLAN Security Switch 2250	2
Nortel	WLAN Security Switch 2270	5.0.11.4
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	6.x, 7.x
Nortel	Switch 5698FTD-PWR	6.1.4.011
One Access	Router One50	4.3R4E15
Packeteer	PacketShaper	8.2
Packeteer	Packetshaper 6500	2.x

**Table 3 Supported Device Drivers for CiscoWorks NCM 1.5 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Palo Alto	PA-500	3.1.4
Paradyne	IP DSLAM 4229 Series	1.37, 4.18
Paradyne	Bitstorm 2600	02.05.07
Powerware	ConnectUPS Web/SNMP Card	2.x
Procket	Pro/8000 Series	2.11.12
Qualcomm	Flarion Radio Router RR2045	1.0.1.x, 1.0.2.17
Quanta	Ethernet Switch LB4M	5.0.x
RAD Data Communications	ACE 3200	5.0.x
RAD Data Communications	ACE 3600	1.03.04
Radware	AppDirector	3.11.00
Radware	AppDirector (On Demand Switch 1 XL)	2.14.01DL
Radware	AppDirector (On Demand Switch 2 XL)	2
Radware	AppDirector (On Demand Switch 3 XL)	2.14.01DL
Radware	Content Inspection Detector (CID)	3.21.x
Radware	FireProof Application Switch 1 (AS1)	4.35.x
Radware	LinkProof Application Switch 1 (AS1)	8.18.19
Radware	WSD-NP Web Server Director	SEOS 6.1.x
Redback	SmartEdge 1200	3.0.8
Riverbed	Steelhead Appliance 100 Series	6.1.2
Riverbed	Steelhead Appliance 250 Series	3.0.8
Riverbed	Steelhead Appliance 500 Series	6.1.2
Riverbed	Steelhead Appliance 550 Series	3.0.8
Riverbed	Steelhead Appliance 1000 Series	5.5.5h, 6.1.2
Riverbed	Steelhead Appliance 1050 Series	3.0.8
Riverbed	Steelhead Appliance 1500 Series	3.0.8
Riverbed	Steelhead Appliance 2000 Series	5.5.5h, 6.1.2
Riverbed	Steelhead Appliance 2050 Series	3.0.8
Riverbed	Steelhead Appliance 3000 Series	3.0.8
Riverbed	Steelhead Appliance 5000 Series	6.1.2
Riverbed	Steelhead Appliance5050 Series	3.0.8
Riverbed	Steelhead Appliance 5500 Series	6.x, 7.0.x
Secure Computing	Sidewinder G2	6.03.02 R004
Sonus	GSX 9000 Gateway Switch	1.0.0.0-915R, 1.0.2
Symbol	ES3000 Switch	4.02
Symbol	Spectrum24 Access Point, AP-302x Series	02.x, 03.x

**Table 3** Supported Device Drivers for CiscoWorks NCM 1.5 and Later

Vendor	Model	OS Version
Symbol	Spectrum24 Access Point, AP-4100 Series	1.5.x, 2.2.x
Symbol	WS2000 Wireless Switch	1.39
Terayon	CMTS Gateway	1.39
Terayon	CMTS TL1000	060117PQ
Transition Networks	CPSMM-120 Single-Slot Primary Management Module	12.04.0019
Tripp Lite	UPS SU750RTXL2U Series: AGPS5542(NetOS)	12.04.0019
Tripp Lite	2200RTX	Linux, FreeBSD, SunOS
Various	UNIX Servers	3.5.0, 4.0.0
VMware	Distributed Virtual Switches	4.x, 5.x
VMware	VMware ESX Servers	5
VMware	ESXi Server	3.5.0, 4.0.0
VMware	VMware ESX vSwitch	4.x, 5.x
VMware	vCenter Server	2.13
VMware	Virtual Machine	4.x, 5.x
Western Telematic	RSM-8 Remote Site Manager	2.13
Western Telematic	RSM-16 Remote Site Manager	8.03.46
Yamaha	Router RTX1100	3.62
ZTE	Router ZXR2842	V4.8.01.B
ZTE	OLE ZXA10 C300(ROS Version)	4.6.02A
ZyXEL	ZyAIR G-2000 Plus Wireless Router	3.62
ZyXEL	ZyWALL 2X Firewall/VPN Router	3.62

## Device Drivers Supported by CiscoWorks NCM Release 1.4 and Later

Table 4 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 1.4.

**Table 4** 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, 9.4.7, 10.0.1

# Device Drivers Supported by CiscoWorks NCM Release 1.3 and Later

Table 5 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 5** 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	Atlas 890 Router	C.08.x
Adtran	NetVanta 3000 Series Router	07.x, 14.4
Alcatel-Lucent	Ethernet Service Switch (ESS) 7450	5
Alcatel-Lucent	OmniSwitch 6000 Series	5.3.x
Alcatel-Lucent	Service Router 7750	5
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, 07.2.2.41
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



**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
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	Firewall UTM-1 Edge X	NGX 8.0.42x
Check Point	Provider-1 CMA, Linux	NGX R61
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 Routers 1002, 1004, 1006 (IOS-XE)	2.1.1, 2.3.2-2.5.0
Cisco	ASR 9000 Series Aggregation Services Router (IOS-XR)	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

**Table 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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 2955	12.1(22)EA10a
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	12.2(44)SE
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 2960SM	12.2(52)EX
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 3560V2	12.2(50)SE3

**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
Cisco	Catalyst Switch 3750	12.x
Cisco	Catalyst Switch 3750 - Stacked	12.x
Cisco	Catalyst Switch 3750V2	12.2(50)SE3, 12.2(53)SE
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 4900M	12.2.53(SG1)
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, 6503, 6509 (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)
Cisco	Catalyst Switch 6500 Application Control Engine (ACE) Module - Context Support	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, 5.2.178.0
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

**Table 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

Vendor	Model	OS Version
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
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 1812-J	12.4(9)T7
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 2921	15.0(1)M1
Cisco	Router 3600	11.x, 12.x
Cisco	Router 3700	11.x, 12.x
Cisco	Router 3725	11.x, 12.x

**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
Cisco	Router 3825, 3845	11.x, 12.x
Cisco	Router 3945	15.0(1)M1
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
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 SOHO 9x Series	12.x
Cisco	Switch 1548	12.x
Cisco	Switch ME2400	12.x
Cisco	Switch ME3400	12.x
Cisco	Switch Nexus 5010, 5020 (NX-OS)	4.0(1a)N1(1)
Cisco	Switch Nexus 7000 (NX-OS)	4.0(4), 4.1(4)
Cisco	Unity Express CUE Messaging Card AIM-CUE	3.1.1
Cisco	Voice Gateway VG224	12.3(11)T10, 12.4(11)T2/T3
Cisco	Voice Gateway VG248	1.3(1)
Cisco	VPN Concentrator 3000	3.x, 4.7.x

**Table 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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 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
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
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.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

**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
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
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

**Table 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
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
Fore Systems	Switch ASX1000	5.3.1
Fortinet	Fortigate-60M Antivirus Firewall	3
Fortinet	Fortigate 3810 (FortiOS)	3
Foundry	BigIron RX-4	2.2.1c
Foundry	BigIron RX-8	2.7.1bT145
Foundry	FastIron Edge Switch	3.x
Foundry	FastIron Edge Switch FESX424-PREM	4.0.0.1x
Foundry	FastIron Switch FCX648S	06.0.00T7f1
Foundry	FastIron Workgroup Switch	7.x
Foundry	NetIron Switch	7.x
Foundry	NetIron Switch CES 2048	4.1.0aT185
Foundry	NetIron Switch XMR	3.7.0
Foundry	ServerIron Switch	7.x, 8.x
Foundry	ServerIron Switch 450	9.4.0x
Force10	Router E-Series	5.x
Force10	Switch S50 (SFTOS)	2.5.3.2
Funkwerk	Artem W3000 Series Access Point	6.05
H3C	Router MSR30-20 (Comware)	5.2
H3C	Switch S3100-26TP-PWR-EI (Comware)	3.1
H3C	Switch S3600-28P-EI (Comware)	3.1
H3C	Switch S3610-28P (Comware)	5.2
H3C	Switch S5100-26C-EI (Comware)	3.1
H3C	Switch S5500-28C-SI (Comware)	5.2
H3C	Switch S5510-24P (Comware)	5.2
H3C	Switch S5600-26C (Comware)	3.1
H3C	Switch S7503E (Comware)	5.2
H3C	Switch S7506 (Comware)	3.1
H3C	Switch S9508 (Comware)	3.1



**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
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
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	ProCurve MSM310 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM320 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM335 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM410 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM422 WW Access Point	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM710 Mobility Controller	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProCurve MSM760 Mobility Controller	5.2.6, 5.3.1, 5.3.3, 5.3.4
HP	ProLiant Switch Series	2
HP	Virtual Connect Flex-10	2.10, 2.33
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

**Table 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
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

**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
Juniper	NetScreen-5400 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
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

**Table 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
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
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

**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

Vendor	Model	OS Version
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	7.2
Nortel	Contivity 400	7.2
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
Nortel	Ethernet Routing Switch (ERS) 4500 Series	5.0.1.0
Nortel	Ethernet Routing Switch (ERS) 5510-24T	5.1.3.025
Nortel	Ethernet Routing Switch (ERS) 5520-48T-PWR	4.2.5.003, 5.1.1.017
Nortel	Ethernet Routing Switch (ERS) 5530-24TFD	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
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 5 Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
Nortel	Secure Router 4100	8.2.1
Nortel	Secure Router 4134	10
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
Nortel	WLAN Security Switch 2270	2
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
RAD Data Communications	ACE 3200	5.0.x
RAD Data Communications	ACE 3600	5.0.x
Radware	AppDirector	1.03.04

**Table 5** Supported Device Drivers for CiscoWorks NCM Release 1.3 and Later

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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 Appliance 100 Series	3.0.8
Riverbed	Steelhead Appliance 500 Series	3.0.8
Riverbed	Steelhead Appliance 1000 Series	3.0.8
Riverbed	Steelhead Appliance 1050	5.5.5h
Riverbed	Steelhead Appliance 1500 Series	3.0.8
Riverbed	Steelhead Appliance 2000 Series	3.0.8
Riverbed	Steelhead Appliance 2050	5.5.5h
Riverbed	Steelhead Appliance 3000 Series	3.0.8
Riverbed	Steelhead Appliance 5000 Series	3.0.8
Riverbed	Steelhead Appliance 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	4.02
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 6 lists the device drivers supported by CiscoWorks NCM release 1.2 and earlier.

**Table 6** 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-Lucent	Ethernet Service Switch (ESS) 7450	5
Alcatel-Lucent	OmniSwitch 6000 Series	5.3.x
Alcatel-Lucent	Service Router 7750	5
APC	MasterSwitch 7900 Series	2.2.x, 2.6.x
Arris	Cadant C4 CMTS (Cable Modem Termination System)	4.02
Aruba	Mobility Controller 800 Series	2.x, 3.x
Aruba	Mobility Controller 5000 Series	2.x, 3.x
BelAir	Access Point 50 Series	6.0.x
BelAir	Access Point 100 Series	6.0.x
BelAir	Access Point 200 Series	2
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 1.2 and Earlier

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 6 Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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, WS-C6503 (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
Cisco	Catalyst Switch 6500 Firewall Services Module (FWSM)	3.1(1)
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 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	
Cisco	MC3810 Multiservice Concentrator	12.x

**Table 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

Vendor	Model	OS Version
Cisco	MDS Multilayer Switch 9000 Series	2.0, 2.1, 3.1
Cisco	Modular Access Platform 3662	12.x
Cisco	Optical Networking System (ONS) 15454	6.02.02
Cisco	Optical Networking System (ONS) 15530	12.x
Cisco	Optical Networking System (ONS) 15540	12.x
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 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 3825, 3845	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 12000 GSR	11.x, 12.x
Cisco	Router AS 2511	12.x

**Table 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

Vendor	Model	OS Version
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 VG224	12.3(11)T10, 12.4(11)T2/T3
Cisco	Voice Gateway VG248	1.3(1)
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 Application 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
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

**Table 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

Vendor	Model	OS Version
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
Edgemark	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
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

**Table 6 Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
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
Fore Systems	Switch ASX1000	5.3.1
Fortinet	Fortigate-60M Antivirus Firewall	3
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	Router MSR30-20 (Comware)	5.2
H3C	Switch S3100-26TP-PWR-EI (Comware)	3.1
H3C	Switch S3600-28P-EI (Comware)	3.1
H3C	Switch S3610-28P (Comware)	5.2
H3C	Switch S5100-26C-EI (Comware)	3.1
H3C	Switch S5500-28C-SI (Comware)	5.2
H3C	Switch S5510-24P (Comware)	5.2
H3C	Switch S5600-26C (Comware)	3.1
H3C	Switch S7503E (Comware)	5.2
H3C	Switch S7506 (Comware)	3.1
H3C	Switch S9508 (Comware)	3.1
HP	ProCurve 2500 Series	F.04.x, F.05.x
HP	ProCurve 2600 PWR Series	H.10.50

**Table 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

Vendor	Model	OS Version
HP	ProCurve 2610 Series	R.11.07
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 5304xl	E.10.6.7
HP	ProCurve 5308xl	E.08.x
HP	ProCurve 5400 Series	K.11.63, K.12.1x
HP	ProCurve 6108	H.07.56, v. H.07.87, H.07.90
HP	ProCurve 8212zl	K.12.51
HP	ProCurve M-Series	08.x, 09.x
HP	ProLiant Switch Series	2
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
Juniper	CTP2056	4.1R11
Juniper	DX Series Application Accelerator	5.0.x
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

**Table 6 Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
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



**Table 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
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
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
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
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

**Table 6 Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier**

<b>Vendor</b>	<b>Model</b>	<b>OS Version</b>
Nortel	BayStack BPS2000	1.1.3.x, 3.0, 3.1
Nortel	Centillion C-100 ATM Switch	3.2.2
Nortel	Contivity 100	7.2
Nortel	Contivity 400	7.2
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
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
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
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 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

Vendor	Model	OS Version
Nortel	Secure Router 1400	8.0, 8.0.1
Nortel	Secure Router 3120	9
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
Nortel	WLAN Security Switch 2270	2
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
Radware	AppDirector	1.03.04
Radware	LinkProof Application Switch 1 (AS1)	4.35.x
Riverbed	Steelhead Appliance 100 Series	3.0.8
Riverbed	Steelhead Appliance 500 Series	3.0.8
Riverbed	Steelhead Appliance 1000 Series	3.0.8
Riverbed	Steelhead Appliance 1500 Series	3.0.8
Riverbed	Steelhead Appliance 2000 Series	3.0.8
Riverbed	Steelhead Appliance 3000 Series	3.0.8
Riverbed	Steelhead Appliance 5000 Series	3.0.8
Riverbed	Steelhead Appliance 5500 Series	3.0.8
Secure Computing	Sidewinder G2	6.x

**Table 6** Supported Device Drivers for CiscoWorks NCM Release 1.2 and Earlier

Vendor	Model	OS Version
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	4.02
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
Yamaha	Router RTX1100	8.03.46
ZyXEL	ZyAIR G-2000 Plus Wireless Router	3.62
ZyXEL	ZyWALL 2X Firewall/VPN Router	3.62

## Known Limitations and Problems

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

**Table 7** Known Limitations and Problems

Description	Workaround
The VMware Distributed vSwitch driver depends on a newer Java library that is present in CWNCM version 1.6.3.	Other versions must have the latest vim25.jar file (available from VMware) copied to <b>&lt;system install directory&gt;\server\ext\jboss\server\default\lib</b> for this driver to be functional.
The driver support for Nexus 5k/1k [Nexus5000.rdp] and Nexus 7k [CiscoNexus.rdp] devices have been consolidated into a single driver package - CiscoNexus.rdp. The driver installer does not remove the existing Nexus5000.rdp file or reassign devices to use the new driver.	The Nexus5000.rdp file resident in The Driver Discovery via CLI for Cisco Nexus fails <i>install_directory/server/lib/drivers</i> should be manually removed, and all affected devices should be rediscovered. CiscoWorks NCM will assign the consolidated driver upon correct discovery.

**Table 7**      **Known Limitations and Problems (continued)**

Description	Workaround
The driver support for Blade Network Technologies Rack Switch G8000 [EXT_BNT_RackSwitch_G8000.rdp] and Rack Switch G8124 [EXT_BNT_RackSwitch_G8124.rdp] have been consolidated into a single driver package - EXT_BNT_RackSwitch.rdp. The driver installer does not remove the existing EXT_BNT_RackSwitch_G8000.rdp and EXT_BNT_RackSwitch_G8124.rdp files or reassign devices to use the new driver.	The files (EXT_BNT_RackSwitch_G8000.rdp & EXT_BNT_RackSwitch_G8124.rdp) resident in <i>install_directory/server/lib/drivers</i> should be manually removed, and all affected devices should be rediscovered. CiscoWorks NCM will assign the consolidated driver upon correct discovery.
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.
The Device Driver Reference (Configuration_Guide.pdf) is obsolete and has been deprecated. The information is included in the User Guide and the Upgrade and Installation Guide.	Consult the User's Guide and the Upgrade and Installation Guide for product information.

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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