

NetMRI

Enhanced Device Support List

NetMRI uses a unique approach to SNMP data collection that allows it to support a wide range of network devices. This approach leverages the ability to gather SNMP data from any IP address that identifies itself as a network device (e.g., router, switch, WAP, etc) and supports standard SNMP network MIBs, such as the ARP, switch forwarding, interface, and route tables. Basic device support is sufficient for NetMRI to provide most of its standard features as well as many types of issue analysis. Other features like CPU and memory utilization analysis, visualization of neighbor relationships, VLAN analysis, detection of configuration changes and configuration file collection depend on NetMRI having enhanced support for the device.

There are two different levels of enhanced device support and each requires at least a small amount of software development work by Netcordia to achieve. The most fundamental type is called **Full SNMP Support**. It is achieved by configuring NetMRI to collect key pieces of device information as made available in the vendor's proprietary SNMP MIBs. With Full SNMP Support implemented, NetMRI is able to take advantage of every capability that the specific device supports.

The highest level of enhanced device support is **Full Configuration Support**. This is achieved by configuring NetMRI to understand the device's Command Line Interface (CLI) or Interactive Menu Interface (IMI) and execute the commands as necessary to perform the necessary functions. With Full Configuration Support implemented, NetMRI is able to collect and archive device configuration files, perform policy compliance analysis, and allow the execution of configuration scripts.

The network devices for which NetMRI is known to have enhanced support are listed on the pages that follow. Devices listed in the **bold** font have both Full Configuration Support and Full SNMP Support. Devices listed in the normal font have only Full SNMP Support.

Please note that if NetMRI has enhanced support for a particular vendor, that enhanced support likely applies to other product families from that vendor besides just those listed here. If a product family you are interested in is not listed here, please contact the Netcordia Technical Assistance Center for information about how to request enhanced support.

3Com

SuperStack 4400 Series Switches

5500 Series Switches

Alcatel/Xylan

OmniSwitch 9 Switch

OmniSwitch 7800 Multilayer Switch

OmniSwitch 4024 Switch

OmniSwitch 8008 Switch

Omnistack 5024 Switch

PR5200 Switch Router

OmniStack 6024 Switch

OmniStack/PizzaSwitch

OmniSwitch 7700 Multilayer Switch

Allied Telesyn

AT-8200 Series Switches

Arris

C-Series CMTS

D-Series Universal Edge QAM

Avaya

Communications Manager

S8700 Series Media Servers

Checkpoint

VPN-1/Firewall -1

Cisco

800 Series Integrated Services Routers

Call Manager

1600 Series Routers

Carrier Routing System

1700 Series Modular Access Routers

Catalyst 1900 Series Switches

1800 Series Integrated Services Routers

Catalyst 2900 Family Switches

2500 Series Access Servers

Catalyst 2950 Series Switches

2500 Series Routers

Catalyst 2970 Series

2600 Series Routers

Catalyst 3500 XL Series Switches

2800 Series Integrated Services Routers

Catalyst 3550 Series Switches

3000 Series VPN Concentrators	Catalyst 3560 Series Switches
3600 Series Multifunction Platforms	Catalyst 3750 Series Switches
3700 Series Multiservice Access Routers	Catalyst 4000 Series Switches
3800 Series Integrated Services Routers	Catalyst 4500 Series Switches
4400 Series Wireless LAN Controllers	Catalyst 4900 Series Switches
4700 Series Modular Routers	Catalyst 5000 Series Switches
7200/7300 Series WAN Aggregation Routers	Catalyst 5500 Series Switches
7500 Series Routers	Catalyst 6000 Series Switches
7600 Series Routers	Catalyst 6500 Series Switches
8500 Series Multiservice Switch Routers	CCS11000 Content Services Switches
12000 Series Routers	MDS9000 Series Multilayer SAN Switches
Aironet 340 Series Access Points	Nexus 5000 Series Switches
Aironet 350 Series Access Points	Nexus 7000 Series Switches
Aironet 1100 Series Access Points	PIX 500 Series Security Appliances
Aironet 1200 Series Access Points	Wide Area Application Engine/WAAS
AS5200 Family Universal Access Servers	VG200 Series VoIP Gateways
AS5300 Series Universal Gateways	uBR7100 Series Universal Broadband Routers
ASA5500 Series Adaptive Security Appliances	

Dell

PowerConnect Series Switches

Enterasys/Cabletron

Matrix E1 Series	SmartSwitch 2000 Series Switches
Matrix N Series Platinum DFE	SmartSwitch 6000 Series Switches
RoamAbout 3000 Access Point	X-Pedition 8000/8600 Routers

Extreme

Alpine Series	Summit Series
Black Diamond Series	

F5

BIG-IP Series

Force 10

E Series Core Switch/Routers

Foundry/Brocade

FastIron Series

BigIron Series

HP ProCurve

1600m, 2424m, 4000m & 8000m Switches

4100gl Series Switches

2500 Series Switches

5300xl Series Switches

2600 Series Switches

6108 Switch

2800 Series Switches

Juniper

J Series Routers

NetScreen

M Series Routers

WX Series Application Acceleration Platforms

MX Series Routers

Motorola

Vanguard 320

Vanguard 7300 Series Routers

Vanguard 340 Series Routers

**BSR1000 Series Broadband Services CMTS/
Router**

Vanguard 6400 Series Routers

BSR64000 CMTS/Edge Router

Nortel

4500 Series Ethernet Routing Switches

BayStack 470 Series Switches

5500 Series Ethernet Routing Switches

BayStack 5510 Series Switches

Alteon Application Switches

BayStack 5520 Series Switches

BayStack ARN

BayStack BPS2000 Switches

BayStack 350 Series Switches

Contivity 1000 Series VPN Switch

BayStack 380 Series Switches

Optical Metro 1000 Series

BayStack 420 Series Switches

Passport 1000 Routing Switch Series

BayStack 425 Series Switches

Passport 1600 Routing Switch Series

BayStack 450 Series Switches

Passport 8600 Routing Switch Series

BayStack 460 Series Switches

VPN Router 5000

Proxim

ORiNICO AP2000 Access Point

Riverbed

Steelhead Series

Riverstone

ES Series Switches

SonicWall

PRO 2040 UTM/Firewall/VPN Appliance