List of VitalNet 8.2 Supported Devices

Table 1 lists the network standards and devices supported by VitalNet 8.2, as well as the VitalNet resource types available for each device.

Table 1 Supported Devices

Supported devices	Supported standards or version	Corresponding resource types
All IP devices with SNMP	ICMP ping	Local-to-remote response time
	MIB-II (RFC 1213)	MIB-II ICMP Data MIB-II IP Totals
Routers		
Cisco Digital Signal Processor (DSP	Cisco DSP MGMT MIB-V1SMI	Cisco DSP status Cisco DSP card statistics
Cisco routers	Cisco Process MIB	Cisco CPU
	Cisco Memory Pool MIB	Cisco Memory Pool
Cisco 1000, 2000, 3000, 4000, and 7000 series	Proprietary Router Performance Monitoring version 9.0 or later	• Cisco Router, WAN, LAN, Cisco Protocol Distribution • Site-to-site response time (IOS version 12.1 or later required) • Cisco SAA for FTP, UDP, TCP, ICMP (IOS 12.0(3)T or later required) • Cisco SAA for HTTP, Jitter, DHCP, DNS (IOS 12.0(5)T or later required)
Cisco AAL5 router ATM and Catalyst series	AAL5 MIB, IOS version 11.3 or later	ATM trunks, ATM PVCs
Cisco Channel Interface Processor (CIP)	CIPCSWA, CIP Channel MIB, IOS version 11.2 or later	CIP CPU, CIP subchannel
Juniper M20, M40, M160	JUNOS 3.3 for Juniper System	Juniper System Juniper MPLS ATM PVC
Lucent Xedia router	XEDIA Ethernet MIB	Lucent router (CPU) Lucent router - Ethernet
Nortel Networks Enterprise and BayStack routers and Accelar family	Proprietary Router Performance Monitoring version 10.0 or later (ATM requires version 11.03 or later)	Nortel router, WAN, LAN, ATM

Table 1 Supported Devices (Continued)

Supported devices	Supported standards or version	Corresponding resource types
Nortel Passport 15000	MSCarrier, MSCPassport, ATMCoreMIB	Nortel Passport ATM Trunk
Redback DMS	Redback proprietary MIB	Redback router
Redback SMS 500,1800, 10000		Redback ATM
3Com LinkBuilder, NetBuilder, and AccessBuilder families	Proprietary Router Performance Monitoring version 9.0 or later	3Com router, WAN, LAN
IBM 6611 Family		Local-to-remote response time
LAN Switches		
All devices	MIB-II (RFC 1213)	LAN, WAN, RMON
	RMON (RFC 1271) and SMON (RFC 2613)	RMON and SMON
	IF MIB (RFC 2233)	High Capacity LAN (64-bit counters)
Lucent PSAX 1250, 2300, and 4500 ATM Switch	PSAX MIB Version V07.01	PSAX CPU utilization Trunk utilization Errors/Cell loss ratio
3Com LinkSwitch, SuperStack switch, CoreBuilder, and PathBuilder families	MIB-II (RFC 1213)	LAN, WAN, RMON
Cabletron SmartSwitch family	MIB-II (RFC 1213)	LAN, WAN, RMON
Cisco Catalyst	Cisco Stack MIB	Cisco Catalyst bandwidth Cisco Cataliyst temperature Cisco Catalyst PS and fan status
Crosscom ATM switch family	MIB-II (RFC 1213)	LAN, WAN, RMON, ATM
DEC switch family	MIB-II (RFC 1213)	LAN, WAN, RMON
HP 800/2000 switch families	MIB-II (RFC 1213)	LAN, WAN, RMON
Xylan OmniSwitch family	MIB-II (RFC 1213)	LAN, WAN, RMON
Alantec	MIB-II (RFC 1213)	LAN, WAN, RMON

Table 1 Supported Devices (Continued)

Supported devices	Supported standards or version	Corresponding resource types
Bridges		
All devices	MIB-II (RFC 1213)	WAN, LAN
	IF MIB (RFC 2233)	High Capacity LAN (64-bit counters)
Probes		
3Com Traffix	RMON/RMON2	RMON, RMON2
NetScout	RMON/RMON2, Frame Relay MIB (RFC 1315)	RMON, RMON2 (WAN and Frame Relay)
Network Associates	RMON/RMON2, Frame Relay MIB (RFC 1315)	RMON, RMON2 (WAN and Frame Relay)
Network General	RMON/RMON2	RMON
Nortel Networks	RMON/RMON2	RMON
Shomiti	RMON/RMON2	RMON
Technically Elite	RMON/RMON2	RMON
Hubs		
3Com OfficeConnect and Chipcom families	Repeater MIB (RFC 1516) or proprietary equivalents	LAN, WAN, RMON
Nortel Networks 3000, 3030, and 5000 series	Repeater MIB (RFC 1516) or proprietary equivalents	LAN, WAN, RMON
Cabletron MMAC products	Repeater MIB (RFC 1516) or proprietary equivalents	LAN, WAN, RMON
Asante	RFC 1516	LAN, WAN, RMON
HP 10BaseT products	RFC 1516	LAN, WAN, RMON
ODS	RFC 1516	LAN, WAN, RMON
UB Hubs	RFC 1516	LAN, WAN, RMON

Table 1 Supported Devices (Continued)

Supported devices	Supported standards or version	Corresponding resource types
Servers		
UNIX servers with SNMP Research CIAgent	Host MIB (RFC 1514) **and** System Application MIB (RFC2287)	System Application App
Windows NT and 2000	Host MIB (RFC 1514) BMC Patrol Agent	Servers (Host MIB), WAN, LAN BMC NT
Windows NT	Perf MIB	NT Servers (Perf MIB), WAN, LAN
UNIX servers including Sun Solaris, IBM AIX, HP-UX, and Silicon Graphics	Host MIB (RFC 1514) BMC Patrol Agent	Servers (Host MIB), WAN, LAN BMC UNIX
QIP on NT, Solaris, or HPUX server (IP address management service)	QIP proprietary MIB	QIP DHCP Address Capacity QIP DHCP Transactions QIP DNS Transactions
Novell server	Host MIB (RFC 1514)	WAN, LAN
Compaq Hosts	CIM MIB	Compaq hosts, LAN, WAN
Compaq Drives	CIM MIB	Compaq drives
Frame Relay devices		
Cisco	IOS version 9.0 or later), Frame Relay MIB (RFC 1315)	Frame Relay PVC, Frame Relay DLCI
Stratacom	Version 8.4.00, 9.0 is preferable	Stratacom Frame Relay port and channel
Stratacom WAN switch (version 8.4.00, 9.0 is preferable)	Enterprise .351 MIB	WAN, Stratacom voice, and Stratacom trunk
Frame Relay CSU/DSUs		
Paradyne	FrameSaver SLV 9x2x	Frame Relay CSU/DSU
Visual	ASE 4.3	Frame Relay CSU/DSU
ADC Kentrox	DataSmart 456, 458, 486, 488, 554, 558, 584, 588, 656, 658, 680, 681, 686, 688, 696, 698	Frame Relay CSU/DSU

Table 1 Supported Devices (Continued)

Supported devices	Supported standards or version	Corresponding resource types
WAN devices		
Various	DS1 MIB (RFC 1406)	WAN DS1 Errors
	DS3 MIB (RFC 1407)	WAN DS3 Errors
	SONET/SDH MIB (RFC 1595)	WAN SONET Errors
	IF MIB (RFC 2233)	High Capacity WAN (64-bit counters)
Lucent Stinger	Ascend Debug MIB	Lucent Stinger - Slot Memory
	Ascend ADSL CAP MIB	Lucent Stinger ADSL - CAP
	Ascend ADSL DMT MIB	Lucent Stinger ADSL - DMT Lucent Stinger SDSL - Per
	Lucent ATM VC Stats MIB	Lucent Stinger - ATM ifVCC Lucent Stinger - ATM VCC
ATM and Frame Relay switch devices		
Centillion ATM Trunk	Proprietary MIB version 3.2.1 or later	Centillion ATM Trunks
FORE Systems PowerHub and ASX families	Version 4.1 or later	ATM trunks, ATM PVCs
Lightstream 1010 ATM switch	IOS version 11.2 or later	ATM trunks, ATM PVCs
Lucent AC-120 ATM switch	Version 4, Lucent MIB enterprises 1751	Lucent ATM trunks, Lucent ATM PVCs
Nortel Networks router ATM interface (BCN)	Version 12.02 or later	Nortel ATM trunks, Nortel ATM PVCs
Lucent CBX 500, GX 550, B-STDX 8000/9000	Proprietary bulk import	Navis ATM PVCs Navis ATM trunks Navis ATM QoS trunks Navis LPort (ATM trunk) Navis Frame Relay PVCs Navis Frame Relay trunks
	NavisCore MIB	Lucent Core Switch Node Lucent Core Switch Cards Lucent Core Frame Relay DLCI Lucent Core ATM Logical Port Lucent Core PVC

Table 1 Supported Devices (Continued)

Supported devices	Supported standards or version	Corresponding resource types
Lucent Springtide 7000, Lucent Springtide 5000	STN Chassis MIB	Springtide CPU
	STN ATM MIB	Springtide ATM Trunk
	STN PPTP MIB	Springtide - PPTP Domain Springide - PPTP Tunnel
	STN Session MIB	Springtide - Ike Session Springtide - IPSec Session Springtide - L2TP Session Springtide - PPP Session Springtide - PPTP Session
Nortel Networks router ATM interface (BCN)	Version 12.02 or later	Nortel ATM trunks, Nortel ATM PVCs
Stratacom ATM	Version 8.4.00, 9.0 is preferable	ATM trunks, ATM PVCs
Xylan OmniSwitch	Proprietary MIB version 1.44 or later	Xylan ATM trunks
Wireless		
Lucent AutoPlex Operations and Maintenance Platform (OMP)	Release 16 and 17	CDMA cell and 16 other resource types