



NetBrain® Integrated Edition 8.0 Multi-Vendor Support List

1. Multi-Vendor Support List

The table below describes the device vendors and types supported via SNMP, CLI or API.

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
Router	Alcatel Lucent Service Router	√	√		SNMP/CLI
	Arris Router	√	√		SNMP/CLI
	ATT VPN Gateway	√	√		SNMP
	AudioCodes Appliance	√	√		SNMP/CLI
	Avaya Router	√	√		SNMP/CLI
	Brocade Vyatta Router	√	√		SNMP/CLI
	Casa	√	√		SNMP/CLI
	Cisco IOS XR	√	√		SNMP/CLI
	Cisco Router	√	√	√	SNMP/CLI
	Cisco VDS	√	√		SNMP/CLI
	Digi Cellular Router	√	√		SNMP/CLI
	HP Router	√	√		SNMP/CLI
	HuaWei OLT	√	√		SNMP/CLI
	Juniper Router	√	√	√	SNMP/CLI
	NSX Distributed Logical Router	√	√		API
	Oracle Acme	√	√		SNMP/CLI
	Redback Router	√	√		SNMP/CLI
	SilverPeak Router	√	√		SNMP/CLI
	Tellabs Router	√	√		SNMP/CLI
	Versa Router	√	√	√	SNMP/CLI
Viptela	√	√		SNMP/CLI	
Switch	3Com Switch	√	√		SNMP/CLI
	Adtran	√	√		SNMP/CLI

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
	Adva Optical Switch	√	√		SNMP
	AeroHive Switch	√	√		SNMP/CLI
	AlaxalA	√	√		SNMP/CLI
	Alcatel OmniStack Switch	√	√		SNMP/CLI
	Alcatel OmniSwitch	√	√		SNMP/CLI
	APC	√			SNMP
	APC UPS	√			SNMP
	Arista Switch	√	√	√	SNMP/CLI
	Aruba Switch	√	√		SNMP/CLI
	Avaya Switch	√	√		SNMP/CLI
	Avaya VSP	√	√		SNMP/CLI
	Big Switch	√	√		SNMP/CLI
	Brocade Switch	√	√		SNMP/CLI
	Brocade Fibre Channel	√	√		SNMP
	Calix B-Series	√	√		SNMP/CLI
	Calix E-Series	√	√		SNMP/CLI
	Ciena Switch	√	√		SNMP/CLI
	Cisco ACI APIC	√	√		API
	Cisco ACI Leaf Switch	√	√		API
	Cisco ACI Spine Switch	√	√		API
	Cisco Catalyst Switch	√	√	√	SNMP/CLI
	Cisco ENCS	√	√		SNMP/CLI
	Cisco IOS Switch	√	√	√	SNMP/CLI
	Cisco MDS	√	√		SNMP/CLI
	Cisco Meraki Switch	√	√		SNMP/CLI
	Cisco Nexus Switch	√	√	√	SNMP/CLI

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
	Cisco UCS Fabric	√	√		SNMP/CLI
	Cumulus OS	√	√	√	SNMP/CLI
	Dell Force 10 Switch	√	√	√	SNMP/CLI
	Dell Networking Switch	√	√		SNMP/CLI
	Dlink Switch	√	√		SNMP/CLI
	Enterasys Switch	√	√		SNMP/CLI
	Extreme Switch	√	√		SNMP/CLI
	Fortinet Controller Managed Switch	√	√		SNMP/CLI
	Fujitsu Switch	√	√	√	SNMP/CLI
	GigaVUE-OS	√	√		SNMP/CLI
	Hirschmann Switch	√	√		SNMP/CLI
	HP Menu-Driven Switch	√	√		SNMP
	HP ProCurve Switch	√	√		SNMP/CLI
	Huawei Switch	√	√		SNMP/CLI
	IBM DataPower	√	√		SNMP/CLI
	IBM Switch	√	√		SNMP/CLI
	Juniper EX Switch	√	√	√	SNMP/CLI
	Juniper QFabric System	N/A	N/A		Parent Device
	Mellanox Switch	√	√		SNMP/CLI
	Moxa Switch	√	√		SNMP/CLI
	MRV	√	√		SNMP/CLI
	Nexans GigaSwitch	√	√		SNMP/CLI
	Nortel Switch	√	√		SNMP/CLI
	NSX Logical Switch	√	√		API
	RackSwitch	√	√		SNMP/CLI
	Raisecom Switch	√	√		SNMP/CLI

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
	RuggedCom ROX Switch	√	√		SNMP/CLI
	RuggedCom RS(G) Switch	√	√		SNMP/CLI
	SMC Switch	√	√		SNMP/CLI
	T-Marc 300 Series	√	√		SNMP/CLI
	Tellabs Switch	√	√		SNMP/CLI
	Telco Metro Series	√	√		SNMP/CLI
	Ubiquiti EdgeSwitch	√	√	√	SNMP/CLI
	XetaWave Ethernet Radio	√	√		SNMP/CLI
	Zhone Switch	√	√		SNMP/CLI
	Cisco CDN	√	√		SNMP/CLI
	MikroTik	√	√		SNMP/CLI
	Nokia OLT	√	√		SNMP/CLI
	Planet WGSW	√	√		SNMP/CLI
	Uplogix LMX	√	√		SNMP/CLI
	vSphere Distributed Switch	√	√		API
	vSphere Standard Switch	√	√		API
	Firewall	Barracuda Firewall	√	√	
Barracuda WAF		√	√		SNMP
Checkpoint Firewall		√	√	√	SNMP/CLI
Checkpoint Firewall R80		√	√	√	SNMP/CLI/API
Cisco ASA Firewall		√	√	√	SNMP/CLI
Cisco ASA NGFW with FTD		√	√	√	SNMP/CLI
Cisco Firepower NGFW		√	√		SNMP/CLI
Cisco Firepower NGFW with FTD		√	√		SNMP/CLI
Cisco Meraki Firewall		√	√		API/SNMP
Cisco PIX Firewall		√	√	√	SNMP/CLI

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
	Cisco Web Security Application	√			SNMP
	Crossbeam Firewall	√	√		SNMP/CLI
	Dell Sonicwall	√	√		SNMP/CLI
	FireEye Firewall	√	√		SNMP/CLI
	Fortinet Fortigate Firewall	√	√		SNMP/CLI
	Imperva WAF	√	√		SNMP/CLI
	Juniper SRX Firewall	√	√		SNMP/CLI
	NetScreen Firewall	√	√	√	SNMP/CLI
	NSX Edge Security Gateway	√	√		API
	Palo Alto Firewall	√	√		SNMP/CLI
	pfSense Appliance	√	√		SNMP/CLI
	Secure64	√			SNMP
	Sidewinder Firewall	√	√		SNMP
	Sophos UTM	√	√		SNMP/CLI
	Stonesoft NGFW	√	√		SNMP/CLI
	Watchguard Firewall	√	√		SNMP/CLI
Load Balancer	A10 Load Balancer	√	√		SNMP/CLI
	Cisco ACE	√	√		SNMP/CLI
	Cisco CSS	√	√		SNMP/CLI
	F5 Load Balancer	√	√		SNMP/CLI
	NetScaler Load Balancer	√	√		SNMP/CLI
	Peplink Load Balancer	√	√		SNMP
	Radware Alteon	√	√		SNMP/CLI
WAP	Aerohive Wireless	√	√		SNMP/CLI
	Aruba IAP	√	√		SNMP/CLI
	Aruba WLAP	N/A	N/A	N/A	Aruba WLC

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
	(Cisco) LWAP	N/A	N/A	N/A	Cisco WLC
	Cisco WAP	√	√		SNMP/CLI
	Cisco Meraki AP	√	√		API/SNMP
	Fortinet Controller Managed AP	√			SNMP
	Radwin Radio Devices	√	√		SNMP/CLI
	Ruckus ZoneFlex	√	√		SNMP/CLI
	Ubiquiti airMAX	√	√		SNMP/CLI
	Xirrus Wireless Array	√	√		SNMP/CLI
WAN Optimizer	Bluecoat	√	√		SNMP/CLI
	Cisco WAAS	√	√		SNMP/CLI
	Exinda WAN Optimizer	√	√		SNMP/CLI
	NetScaler SD-WAN	√	√		SNMP/CLI
	Riverbed WAN Optimizer	√	√		SNMP/CLI
	SilverPeak WAN Optimizer	√	√		SNMP/CLI
	Talari Appliances	√	√		SNMP
Controller	Aruba WLC	√	√		SNMP/CLI
	Cisco Meraki Cloud	√			API/SNMP
	Cisco WLC	√	√		SNMP/CLI
	Motorola Wireless Controller	√	√		SNMP/CLI
	NSX Controller	√	√		API
	Ruckus ZoneDirector	√	√		SNMP/CLI
End System	Cache Engine	√			SNMP
	End System	√			SNMP
	Mac Server	√			SNMP
	NSX Manager	√	√		API
	Ubuntu Server	√	√		SNMP/CLI

Device Type and Vendor		Supported Level			Discovered via
		Tier 1	Tier 2	Tier 3	
	IP Phone	N/A	N/A	N/A	Call Manager
	VM Host	√	√		API
	Windows Server	√			SNMP
Call Manager	Call Manager	√			SNMP

The detailed operations supported at each level are described as follows:

➤ Tier-1 Support

- Monitoring — send SNMP (retrieve data via SNMP) or API request to devices to monitor devices.

➤ Tier-2 Support

- Retrieve live data and live data analysis — automatically remotely connect to devices by using Telnet/SSH or through controllers, and retrieve live data via show commands or APIs including configuration file, route table, NDP/MAC/ARP table, device information and interface information.

Note: Retrieving data via SNMP belongs to Tier 1 support, not Tier 2.

- L3/L2 topology
 - L3 topology — build Layer 3 topology from IPv4 addresses in the device configuration files.
 - L2 topology — build Layer 2 topology from NDP tables (such as CDP, LLDP and FDP), ARP tables and MAC tables. NDP tables are used to calculate the connections between switches, and NDP/MAC/ARP tables are used to calculate connections between switches and other types of network devices.
- Traffic path discovery
 - Basic L3 traffic path — discover and map the L3 traffic path based on route tables.
 - Basic L2 traffic path — discover and map the L2 traffic path based on L2 topology.

➤ Tier-3 Support

- Design reader — parse configuration files and display them in the tip window and the Design Reader pane.
- Special vendor features, such as ACL, PBR, Port-Channel, IPsec VPN, MPLS VPN, Failover, IP SLA, Netflow, and virtualization.

Note: A device type in a specific support level is not supposed to support all operations at that level, and it may only support one or some of the operations. For example, Juniper Router is in Tier-3 level but it does not support Netflow or IP SLA. For any questions or doubts about multi-vendor support, contact [NetBrain Support Team](#) for help.