

Live Discovery: NetBrain can discover and map any SNMP reachable device.

<i>Device Vendor and Type</i>		<i>Support Level Provided</i>		
		Tier 1	Tier 2	Tier 3
Router	Alcatel Lucent Service Router	Yes	Yes	No
	Cisco IOS Router	Yes	Yes	Yes
	Cisco IOS-XE Router	Yes	Yes	Yes
	Cisco XR (ASR) Router	Yes	Yes	Yes
	Juniper Router	Yes	Yes	Yes
Switch	Adtran Switch	Yes	Yes	No
	Alcatel Omni Switch	Yes	Yes	No
	Arista Switch	Yes	Yes	Yes
	Brocade Switch	Yes	Yes	Yes
	Ciena Carrier Ethernet Switch	Yes	Yes	No
	Cisco Catalyst Switch (CatOS)	Yes	Yes	Yes
	Cisco IOS Switch	Yes	Yes	Yes
	Cisco Nexus Switch	Yes	Yes	Yes
	Enterasys Switch	Yes	Yes	No
	Extreme Switch	Yes	Yes	No
	Dell Force 10 Switch	Yes	Yes	Yes
	Dell PowerConnect Switch	Yes	Yes	No
	H3C/3Com Switch	Yes	Yes	No
	HP ProCurve Switch	Yes	Yes	Yes

	Huawei Switch	Yes	Yes	No
	Juniper EX Switch	Yes	Yes	Yes
	Nortel ERS Switch	Yes	Yes	No
	Nortel ESU Switch	Yes	Yes	No
	SIEMENS Hirschmann Switch	Yes	Yes	No
	SIEMENS RuggedCom RS(G) Switch	Yes	Yes	No
	SIEMENS RuggedCom ROX Switch	Yes	Yes	No
	SMC Switch	Yes	Yes	No
	Uplogix LMX	Yes	Yes	No
Firewall	CheckPoint Gaia Firewall	Yes	Yes	No
	CheckPoint SPLAT Firewall	Yes	Yes	No
	Cisco ASA Firewall	Yes	Yes	Yes
	Cisco PIX Firewall	Yes	Yes	Yes
	Fortinet Firewall	Yes	Yes	No
	Juniper NetScreen Firewall	Yes	Yes	No
	Juniper SRX Firewall	Yes	Yes	Yes
	Juniper SSG Firewall	Yes	Yes	No
	Palo Alto Firewall	Yes	Yes	No
Sidewinder Firewall	Yes	Yes	No	
Load Balancer	A10 Load Balancer	Yes	Yes	No
	Cisco ACE Load Balancer	Yes	Yes	No
	Cisco CSS Load Balancer	Yes	Yes	No
	F5 Load Balancer	Yes	Yes	No
	NetScaler Load Balancer	Yes	Yes	No

WAP	Cisco FWAP	Yes	Yes	Yes
	Cisco LWAP	No	Yes	No
	General Electric MDX	Yes	Yes	No
	Radwin Radio	Yes	Yes	No
	Xirrus Wireless Array	Yes	Yes	No
WAN Optimizer	Riverbed WAN Optimizer	Yes	Yes	No
Controller	Cisco Call Manager	Yes	Yes	No
	Cisco Wireless Controller	Yes	Yes	No

Explanations:

Tier 1 Support

- » Monitoring: NetBrain is able to send SNMP request to the device to monitor the device.

Tier 2 Support

- » L3/L2 topology: NetBrain is able to build L3 topology from device configurations and/or L2 topology from the Layer 2 data.
- » Traffic path discovery.
- » Retrieve live data and live data analysis: NetBrain is able to automatically telnet or SSH to the device and retrieve live data (configuration, route table, MAC table, ARP table and CDP table).

Note: retrieving the data via SNMP belongs to tier 1 support, not tier 2 support.

Tier 3 Support

- » Design reader: NetBrain is able to parse all configurations and display them in the tip window and design reader pane.
- » Special vendor features such as IP SLA, NetFlow and virtualization.

FAQ:

- » How does NetBrain support logical routers (Juniper platform) and virtual routers (Juniper/Cisco/Brocade)?

NetBrain handles the virtualization from all vendors in a similar fashion:

- ❖ During the discovery process, the virtual instances of a network device are discovered independently as long as they are configured to handle separate management query such as SNMP/CLI.
- ❖ For the L2/L3 topology, each instance of the virtual devices is treated as a separate entity such that it has a distinct symbol in the Q-map. This representation allows the user to interact with each virtual instance as if it is a physical device.
- ❖ For inventory purpose, NetBrain tries to document the physical relationship among multiple virtual instances.

» How does NetBrain support special vendor features?

NetBrain focuses on L2 and L3. On the application level, we support IP SLA. Some special vendor features such as Nexus VDC and NetFlow are already supported. Other special vendor features such as Juniper MCT are on the roadmap.

» When NetBrain supports a vendor device type, does it mean that it supports all models of this vendor device type?

NetBrain's development team tries the best to support and test all models that belong to a vendor device type. However, due to the fact that there can be many models for a vendor type, NetBrain may need to work with customers to fully support certain models. Basically we will ask the customer to provide information on the method to retrieve data from a model as well as to provide some sample data.

» Does NetBrain support VRF?

Yes, NetBrain supports VRF. You can highlight VRF on the map, retrieve VRF routing tables, and find the path through VRF.