



# NetBrain® Integrated Edition 10.0 Multi-vendor Support List (Special)

# 1. Multi-Vendor Support List

The table below describes the support of some device types, including Cisco Meraki devices and Checkpoint Firewall R80. They are special because the system can discover them and retrieve their data via both SNMP/CLI and API.

Device Type and Vendor		Support Level			Discovered via
		Tier 1	Tier 2	Tier 3	
<b>Switch</b>	Cisco Meraki Switch	√	√		API/SNMP
<b>Firewall</b>	Cisco Meraki Firewall	√	√		API/SNMP
	Checkpoint Firewall	√	√	√	SNMP/CLI
	Checkpoint Firewall R80	√	√	√	API/SNMP/CLI
	Cisco Firepower NGFW	√	√	√	API/SNMP/CLI
	Cisco Firepower NGFW with FTD	√	√	√	API/SNMP/CLI
	Cisco ASA NGFW with FTD	√	√	√	API/SNMP/CLI
	Cisco ASA Firewall	√	√	√	API/SNMP/CLI
	Palo Alto Panorama API	√	√		API/CLI
<b>Controller</b>	Cisco Meraki Cloud	√	√		API/SNMP
	Big Switch Controller	√	√		SNMP/CLI/API
<b>WAP</b>	Cisco Meraki AP	√	√		API/SNMP
	Ruckus Smartzone AP		√		API/CLI
<b>Load Balancer</b>	NetScaler Load Balancer	√	√	√	SNMP/CLI/API

## ▪ Cisco Meraki Devices

The system can discover Meraki devices via SNMP/CLI and API. It is recommended to discover the Meraki devices via API because the discovery via API can obtain more complete data than via SNMP. For details on discovery via API, see [Discovering Meraki Devices](#).

## ▪ Checkpoint Firewall R80

The system retrieves data of Checkpoint Firewall R80 via both SNMP/CLI and API. When discovering Checkpoint

Firewall R80 via API, the system retrieves very basic data. When the discovery is done, you need to tune the discovered Checkpoint Firewall R80 and run a benchmark to retrieve more data, such as configuration files, routing table and NCT data (Policy Table/NAT Table/IPsec VPN Table).

- **Ruckus Smartzone AP**

Ruckus Smartzone AP is under controlled by Ruckus Smartzone controller. Ruckus Smartzone AP can only be discovered through API. The system retrieves data of Ruckus Smartzone AP via both CLI and API. When the API discovery is done, some data (including interfaces, LLDP and MAC table) needs to be retrieved by using CLI – this task can be achieved by configuring the device settings, and then tuning the discovered Smartzone AP to retrieve live data, or running a benchmark task to retrieve more data, such as configuration files, route tables and NCT data.

## 2. Tier Support Levels

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

Level	Description
Tier-1 Support	<ul style="list-style-type: none"><li>▪ <b>Monitoring</b> — send SNMP (retrieve data via SNMP) or API request to devices for monitoring.</li></ul>
Tier-2 Support	<ul style="list-style-type: none"><li>▪ <b>Retrieve live data and live data analysis</b> — automatically and 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, and device/interface information. <b>Note:</b> Retrieving data via SNMP belongs to Tier-1 support, not Tier-2.</li><li>▪ <b>L3/L2 topology</b><ul style="list-style-type: none"><li>○ L3 topology — build Layer 3 topology from IPv4 addresses in the device configuration files.</li><li>○ 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 the connections between switches and other types of network devices.</li></ul></li><li>▪ <b>Traffic path discovery</b><ul style="list-style-type: none"><li>○ Basic L3 traffic path — discover and map L3 traffic paths based on route tables.</li><li>○ Basic L2 traffic path — discover and map L2 traffic paths based on L2 topology.</li></ul></li></ul>
Tier-3 Support	<ul style="list-style-type: none"><li>▪ <b>Design reader</b> — parse configuration files and display them in the tip window and the Design Reader pane.</li><li>▪ <b>Special vendor features</b>, such as ACL, PBR, Port-Channel, IPsec VPN, MPLS VPN, Failover, IP SLA, Netflow, and virtualization.</li></ul> <p><b>Note:</b> A device type in a specific support level is not supposed to support all the operations at that level, and it may only support one or some of the operations. For example, Juniper Router belongs to the 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.</p>