

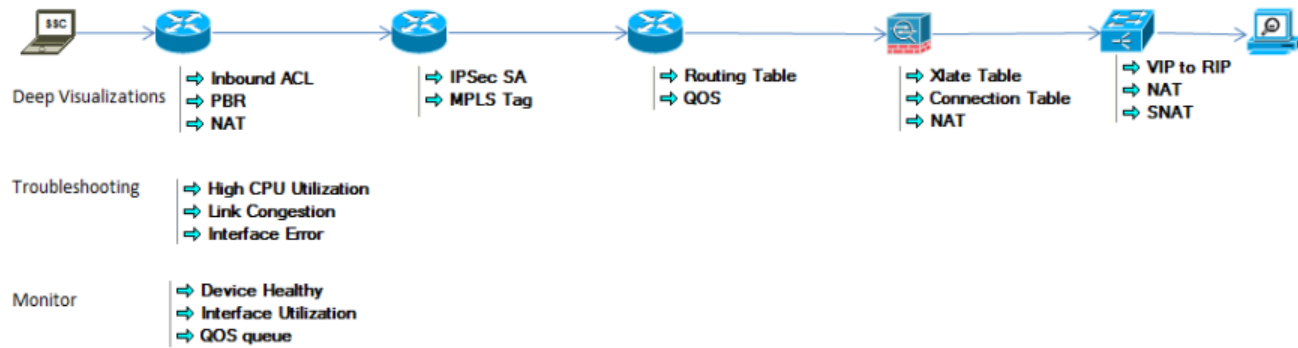


NetBrain[®] Integrated Edition 7.0

Path Technologies for Different Vendors

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NetBrain dynamic path feature visualizes the forwarding of packet and emulates the real packet forwarding process by looking up route tables in your live network and provides end-to-end visibility across any network path. Besides looking up route tables to find the next hop, It can also look into PBR, NAT , ACL, firewall policy and other traffic control technologies to ensure the correctness of a path.



This document introduces the vendors and device types that NetBrain support to parse in terms of the following special path technologies when NetBrain calculate a path:

- Policy
- ACL
- PBR
- NAT
- MPLS VPN
- MPLS TE
- VRRP/HSRP/GLBP

Firewalls

Device Type	Firewall Policy	ACL	PBR	NAT	MPLS VPN	IPsec VPN
Cisco ASA Firewall		√		√		√
Cisco PIX Firewall		√		√		√
Fortinet FortiGate Firewall	√	√		√		

Device Type	Firewall Policy	ACL	PBR	NAT	MPLS VPN	IPsec VPN
Juniper SRX Firewall	√	√	√	√	√	√
NetScreen Firewall	√	√	√	√		√
Palo Alto Firewall	√	√	√	√		√
Sidewinder Firewall						

Routers

Device Type	ACL	PBR	NAT	MPLS VPN	IPsec VPN	MPLS TE	VRRP/HSRP/GLBP
Cisco IOS XR	√			√		√	√
Cisco Router	√	√	√	√	√	√	√
Juniper Router	√	√	√	√	√	√	√

Switches

Device Type	Policy	ACL	PBR	NAT	MPLS VPN	IPsec VPN	MPLS TE
Adtran Switch							
3Com Switch							
Arista Switch							
Brocade Switch					√		
Ciena Switch							
Cisco Catalyst Switch							
Cisco IOS Switch		√	√	√	√	√	

Device Type	Policy	ACL	PBR	NAT	MPLS VPN	IPsec VPN	MPLS TE
Cisco Nexus Switch		✓	✓		✓		
Dell Force 10 Switch		✓	✓				
Dell Networking Switch		✓	✓				
Dell Sonicwall	✓			✓		✓	
Dell PowerConnect Switch							
Enterasys Switch							
Extreme Switch		✓			✓		✓
HP Menu-Driven Switch							
HP ProCurve Switch							
Juniper EX Switch	✓	✓	✓		✓		
Nortel Switch							

Tip: for devices that NetBrain does not recognize these special technologies as described above, you can use NetBrain traceroute feature to obtain the traceroute hops and diagram the path on a map with the traceroute hops.

