

Palo Alto Networks and Network Critical Partnership

Technology Segment: Network Access and Monitoring

The Palo Alto Networks Technology Partner Program includes a select group of partners that deliver solutions or products that interoperate with the next-generation firewall.

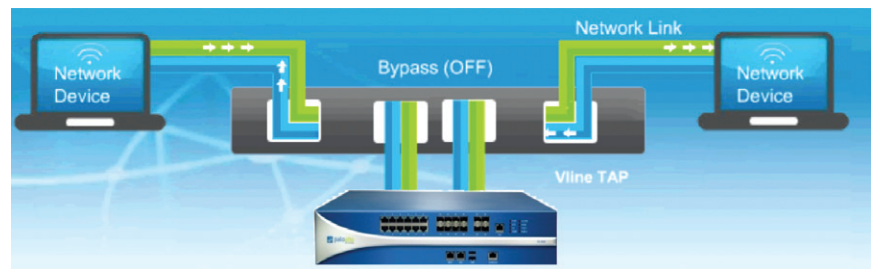
HIGHLIGHTS

- Mitigates network latency and availability impact by automatically re-routing traffic.
- Joint solution offers highly-available next-generation firewall security.
- Network interface options in tap/bypass switch for network throughput of up to 10 Gbps.

SOLUTION OVERVIEW

When customers deploy inline appliances on mission critical network segments, they have the option to mitigate the risks of scheduled or unscheduled downtime of an inline appliance for configuration changes, maintenance, or repair scenarios by adding a tap/bypass switch to maintain network continuity.

The combination of Palo Alto Networks™ next-generation firewall with Network Critical's tap/bypass switch optimizes full-functionality of the next-generation firewall without impacting latency or availability. In an in-line deployment within the traffic flow, Palo Alto Networks Virtual-Wire technology transparently provides full visibility and control over all applications running on the network. When used in conjunction with Network Critical's tap/bypass switches, traffic can be re-routed around the firewall during scheduled maintenance or unplanned outages, minimizing any impact to the network traffic.



Bypass Switch and Next-Generation Firewall under normal operation.

As shown in the figure above, the tap/bypass switch actively monitors Palo Alto Networks next-generation firewall with a heartbeat packet, verifying that it is passing traffic. If the firewall is taken off-line and the heartbeat does not return, or if the link-state changes, the tap/bypass switch automatically re-routes the traffic.



PALO ALTO NETWORKS

Palo Alto Networks is the network security company. Its next-generation firewalls enable unprecedented visibility and granular policy control of applications and content – by user, not just IP address – at up to 20Gbps with no performance degradation. Based on patent-pending App-ID™ technology, Palo Alto Networks firewalls accurately identify and control applications – regardless of port, protocol, evasive tactic or SSL encryption – and scan content to stop threats and prevent data leakage. Enterprises can for the first time embrace Web 2.0 and maintain complete visibility and control, while significantly reducing total cost of ownership through device consolidation. Most recently, Palo Alto Networks has enabled enterprises to extend this same network security to remote users with the release of GlobalProtect™ and to combat targeted malware with its WildFire™ service.

www.paloaltonetworks.com

NETWORK CRITICAL

Network Critical is the leading Intelligent Access and Monitoring Solutions provider delivering real-time IT visibility, monitoring and control. Network Critical provides lab-certified, innovative, carrier-grade TAP solutions that enable complete access to network traffic across various network media. Network Critical's SmartNA™ solutions are used in conjunction with Network Analyzers, IDS/IPS appliances, Bandwidth Management, Forensics, Filtering, Data Leakage Prevention and Lawful Interception, all while providing 100% network visibility and zero packet loss. Network Critical is a global access technology solution provider with operations in Europe, The Americas and Asia.

www.networkcritical.com

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