Palo Alto Networks and Interface Masters Partnership

Technology Segment: Network Monitoring and Availability

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.
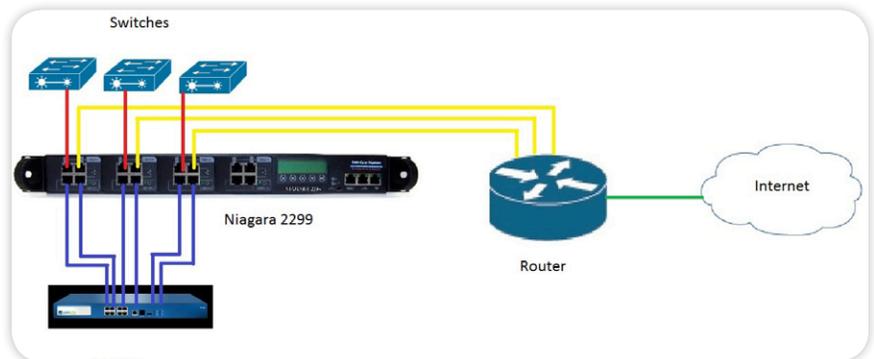
HIGHLIGHTS

- Bypass system assures connection integrity achieving high-availability network
- Inline threat prevention without impacting network reliability
- Telco Grade bypass system with dual power supplies, AC/DC support, and removable reversible fans
- Allows update of inline devices without network downtime
- Supports 1Gb, 10Gb, 40Gb fiber and copper networks

SOLUTION OVERVIEW

On mission critical network segments, customers may prefer to deploy a tap/bypass switch to maintain network continuity to mitigate the risks of scheduled or unscheduled downtime of an inline appliance for configuration changes, maintenance, or repair.

Palo Alto Networks™ has partnered with Interface Masters to preserve the network connectivity and maintain communication at all times, even in the event of planned or unplanned device outage. The combination of Palo Alto Networks next-generation firewall and Interface Masters bypass technology provides transparent inline full threat prevention without reducing and compromising the reliability of the network.

Palo Alto Networks next-generation firewall with Interface Masters Niagara bypass switch

When Palo Alto Networks next-generation firewall is configured in "Virtual Wire" mode to work with the Interface Masters line of Niagara External Bypass units, it can function as an inline security appliance without the risk of network interruption. The Niagara Bypass unit does not require any configuration and provides protection from network outages resulting from power or inline appliance failure, or any other reasons.

The Interface Masters Bypass consists of 2 bypass technologies for keeping the traffic flowing on the network:

The first mode consists of an intelligent active mechanism that senses the firewall path by sending a configurable heartbeat, which can be unidirectional or bidirectional. If the heartbeat is lost, the system automatically reroutes the traffic activity until the firewall is back online. The intelligent active bypass mode preserves the link and the transition is made seamlessly.

The second mode consists of a passive bypass technology that senses the power supply to the system. Upon detection of power outage, the Interface Masters Bypass system will fail open, making sure that the network connectivity stays intact.

![palo alto NETWORKS the network security company™]

![Interface Masters TECHNOLOGIES Innovative Network Solutions]

PALO ALTO NETWORKS

Palo Alto Networks™ (NYSE: PANW) is the network security company. Its innovative platform allows enterprises, service providers, and government entities to secure their networks and safely enable the increasingly complex and rapidly growing number of applications running on their networks. The core of Palo Alto Networks' platform is its Next-Generation Firewall, which delivers application, user, and content visibility and control integrated within the firewall through its proprietary hardware and software architecture. Palo Alto Networks' products and services can address a broad range of network security requirements, from the data center to the network perimeter, as well as the distributed enterprise, which includes branch offices and a growing number of mobile devices. Palo Alto Networks' products are used by more than 9,000 customers in over 100 countries.

www.paloaltonetworks.com

INTERFACE MASTERS

Interface Masters Technologies is a leading vendor in the network monitoring and high speed networking markets. Based in the heart of the Silicon Valley, Interface Masters' expertise lies in Gigabit, 10 Gigabit and 40 Gigabit Ethernet network access and network connectivity solutions that integrate with monitoring systems, inline networking appliances, IPS, UTM, Load Balancing, WAN acceleration, and other mission-critical IT and security appliances. Flagship product lines include hardware load-balancers, specialized 10GE internal server adapter cards, switches, 10 Gigabit external intelligent Network TAP and Bypass and failover systems that increase network visibility capabilities, network reliability and inline appliance availability. Company Headquarters is located in San Jose, CA with satellite offices in Hong Kong and Europe.

www.interfacemasters.com

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