

Palo Alto Networks and Avaya Partnership

Technology Segment: Infrastructure

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.

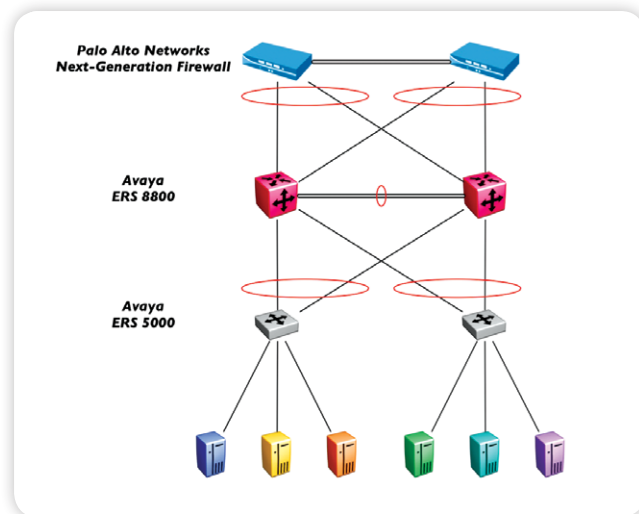
HIGHLIGHTS

- Combination of Palo Alto Networks HA with Avaya's Switch Clustering Technology providing active/active networking through Split Multi-Link Trunking (SMLT).
- Next-generation firewall protection delivered at data center speeds.
- Sub-second network convergence provided with standards-based routing protocols.

SOLUTION OVERVIEW

Palo Alto Networks™ and Avaya™ have partnered to provide high-performance next-generation security solutions for data center networks. The mission critical data centers of today have no tolerance for disruptions in throughput or availability. At the same time, the threats imposed on data centers by modern malware require a security solution that has next-generation firewall intelligence.

Palo Alto Networks provides high-availability in both Active/Passive and Active/Active deployments where a loss of a single link, or a path to an upstream host, or even an entire system will migrate traffic to the second system with virtually no downtime. Avaya's Ethernet Routing Switches utilize its Switch Clustering technology to provide Split Multi-Link Trunking (SMLT) that virtualizes a pair of switches to connect to a single upstream device through link aggregation using 802.3ad Link-Aggregation. Loss of a link or a switch allows traffic to move to the remaining switch, without disrupting traffic to upstream and downstream devices.



High-Availability Data Center

When the Palo Alto Networks next-generation firewalls are deployed in Active/Passive or Active/Active High-Availability mode and the Ethernet Routing Switches from Avaya are deployed with Switch Clustering, and the joint solution is configured with a dynamic routing protocol, such as Open Shortest Path First (OSPF), the full network becomes a highly-available system that can absorb the loss of any device. With full synchronization between the Palo Alto Networks next-generation firewalls, user sessions are maintained even if traffic moves to the secondary firewall.

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

AVAYA

Avaya is a global provider of business collaboration and communications solutions, providing unified communications, contact centers, networking and related services to companies of all sizes around the world.

www.avaya.com

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