

PALO ALTO NETWORKS AND REDSEAL

Technology Segment: Network Security Configuration and Risk Management

Benefits of the Integration

- Pinpoint weaknesses with end-to-end network visibility, including hosts.
- Dynamically model access to the network and critical assets.
- See public cloud, private cloud and physical assets in one model.
- Use predictive threat modeling and metrics to maximize efficiency.
- Get policy-change exposure and impact assessments.
- Prioritize automated and exposure-based remediation.

Large, complex networks require the implementation and management of thousands of access rules. This complexity means it can be difficult to determine the devices and rules responsible for unwanted access. Unwanted, open access paths that contain vulnerabilities can leave organizations open to attack and allow intruders to gain access to critical data systems.

To increase operational efficiency and reduce risk, Palo Alto Networks® and RedSeal® have partnered to ensure uniform visibility, consistent defense and ongoing management for organizations' entire firewall and network device infrastructures.

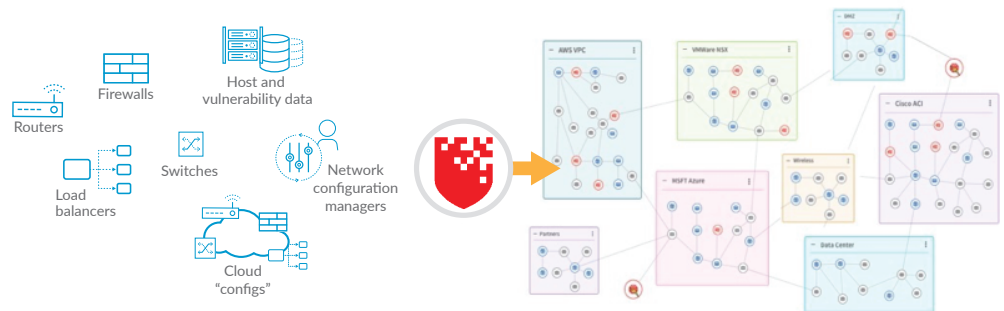


Figure 1: A model of your “as-built” network, created by RedSeal

RedSeal's network modeling and risk scoring platform builds a model of your actual, as-built network, including your virtual and cloud networks (see Figure 1). With this, you can understand what you have, including identifying previously hidden areas of your network. RedSeal calculates your RedSeal Digital Resilience Score – modeled after a creditworthiness score – so you'll have one metric to help manage and improve your network's resilience. RedSeal's understanding of your network helps you verify compliance with internal policies and external regulations as well as accurately prioritize your risks and vulnerabilities. Knowledge of your network and its detailed access paths (see Figure 2) will also accelerate your incident response.

From a suspicious IP address, RedSeal can identify all reachable targets – even several hops away – and prioritize which ones should be protected first.

RedSeal's integration with Palo Alto Networks next-generation firewalls ensures uniform visibility, consistent defense and ongoing management of your entire firewall and network device infrastructure. Together, Palo Alto Networks next-generation firewalls and RedSeal allow you to visualize your network topology, validate end-to-end access routes, import vulnerability scan data to prioritize remediation efforts, and continuously monitor and track changes to ensure ongoing compliance.

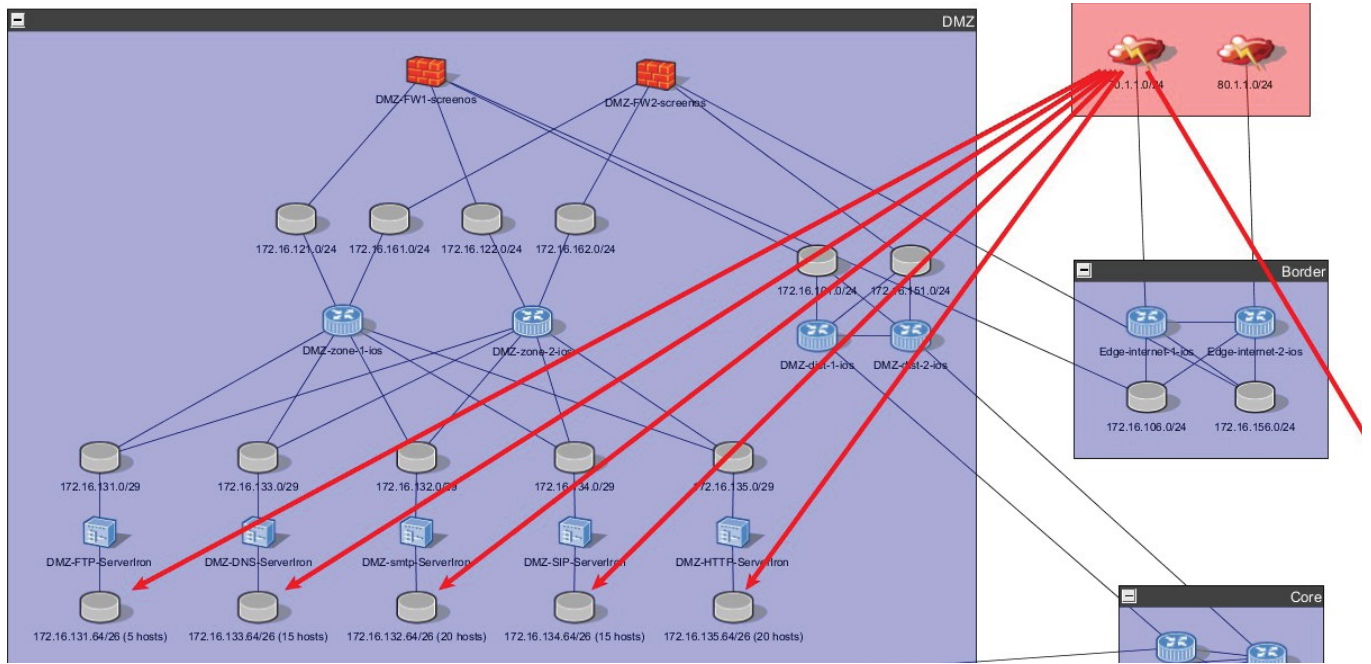


Figure 2: Detailed network access paths and prioritized risks

Palo Alto Networks

We are the global cybersecurity leader, known for always challenging the security status quo. Our mission is to protect our way of life in the digital age by preventing successful cyberattacks. This has given us the privilege of safely enabling tens of thousands of organizations and their customers. Our pioneering Security Operating Platform emboldens their digital transformation with continuous innovation that seizes the latest breakthroughs in security, automation, and analytics. By delivering a true platform and empowering a growing ecosystem of change-makers like us, we provide highly effective and innovative cybersecurity across clouds, networks, and mobile devices.

www.paloaltonetworks.com

RedSeal

RedSeal's network modeling and risk scoring platform is the foundation for enabling enterprises to be resilient to cyber events across public cloud, private cloud and physical network environments. RedSeal helps customers understand their network from the inside out – providing actionable intelligence, situational awareness and a Digital Resilience Score to help enterprises measure and improve their resilience. Government agencies and Global 2000 companies around the world rely on RedSeal to help them validate their overall security posture, accelerate investigation and improve the productivity of their security and network teams.

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