Tenable and RedSeal
Add Network Context to Identify Scan Coverage Gaps

Solution

RedSeal is a network modeling and risk scoring platform. At its core, the way RedSeal works is to fetch and normalize all configurations, access rules, and routes across all your physical network devices as well as public and private cloud environments. Then, it does the computationally intensive analysis to build a model of your network, including all access paths and routes.

RedSeal's integration with Tenable (Nessus, Tenable.io, and Tenable SecurityCenter) allows it to prioritize identified vulnerabilities based on the network model and highlight any scan coverage gaps in your network.

RedSeal will import your scan file and overlay the results on your network model. It will prioritize vulnerabilities based on the degree of access between untrusted networks and your valuable assets, and then identify subnets with no scan data from Tenable. Next, RedSeal creates an asset in Tenable SecurityCenter that includes all the un-scanned IPs for remediation. Finally, in the asset description, RedSeal includes a detailed path analysis that shows a traceroute between the scan engine and each un-scanned asset. The detailed path analyses let you know if the scan engine is blocked and display the exact line in the controlling device's configuration that is blocking access.

Value

RedSeal's integration with Tenable adds value to each phase of a vulnerability management process cycle: discover assets, perform assessment, triage findings, and remediation and mitigation.

- Discover Assets: Identify assets that have no scan data

- Perform Assessment: Identify network devices and rules preventing scanner access and visualize all reachable assets for optimal scanner placement

- Triage Findings: Prioritize vulnerabilities based on network context, the degree of access between untrusted networks and your valuable assets

- Remediation and Mitigation: Identify precise access paths and devices to update to eliminate unnecessary access

Features

With this integration you can:

- Create un-scanned asset reports inside Tenable SecurityCenter

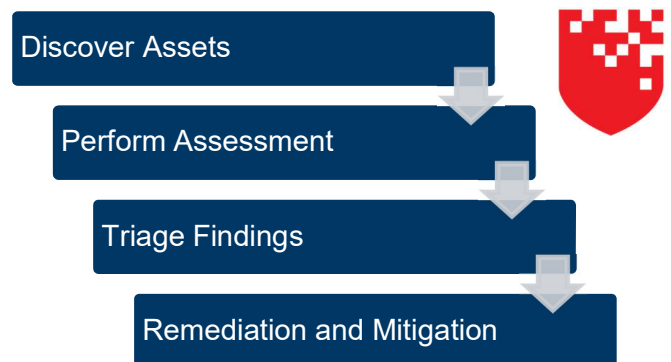- Launch detailed path analyses from each scan engine to the un-scanned asset

Technology Components:

- RedSeal 9.0 or later
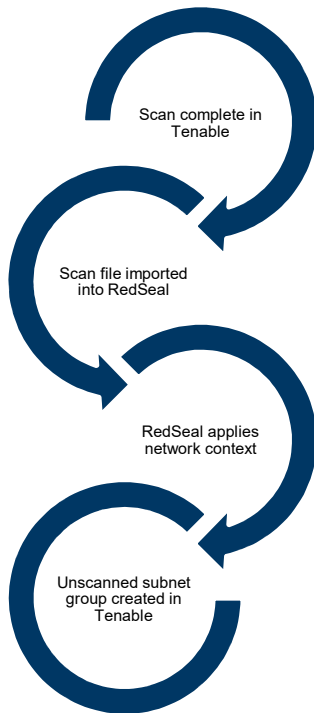
- Tenable SecurityCenter

Solution Benefits:

- **Identify assets that have no scan data**

- **Identify network devices and rules preventing scanner access**

- **Prioritize vulnerabilities based on network context**

- **Visualize all reachable assets for optimal scanner placement**

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How It Works

- Scan complete in Tenable
- Scan file imported into RedSeal
- RedSeal applies network context
- Unscanned subnet group created in Tenable

About RedSeal

We are the foundation for resilience.

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 you understand your network from the inside out – providing actionable intelligence, situational awareness and a Digital Resilience Score to help your organization measure and improve its 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. To start down the path of transforming your organization to become digitally resilient to cybersecurity threats, visit us at redseal.net.

About Tenable

Tenable™ transforms security technology for the business needs of tomorrow through comprehensive solutions that provide continuous visibility and critical context, enabling decisive actions to protect your organization. Tenable eliminates blind spots, prioritizes threats and reduces exposure and loss. With more than one million users and more than 21,000 customers worldwide, organizations trust Tenable for proven security innovation. Tenable customers range from Fortune Global 500 companies, to the global public sector, to mid-sized enterprises in all sectors, including finance, government, healthcare, higher education, retail and energy. Transform security with Tenable, the creators of Nessus® and leaders in continuous monitoring, by visiting tenable.com.

- Unscanned assets
- Subnets with no Scan data