

Rapid7 Nexpose with VMware NSX Platform

Real-time vulnerability management for virtual environments

Physical and virtual environments have their own unique infrastructure challenges, so your security shouldn't treat them the same way. If your organization is making the shift to largely virtualized environments, you're not alone. To better protect your organization against real threats, Rapid7 and VMware have partnered to provide a revolutionary approach to vulnerability management for your virtual infrastructure.

Combining Nexpose and VMware NSX: A revolutionary approach to vulnerability management

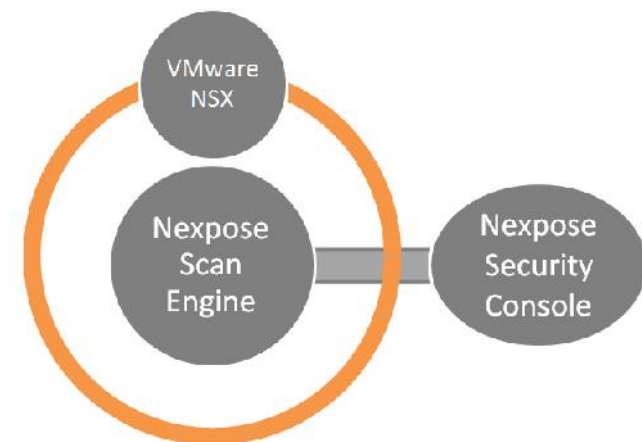
Traditional vulnerability scans run over the network against virtual machines to identify vulnerabilities. As a result, this takes up network bandwidth, only identifies devices connected to the network, and is limited to the speed of the connection. Deep scanning requires authentication scan credentials to be supplied, which can be a time consuming process with additional management overhead. To address these challenges, Nexpose is integrated with the industry-leading VMware NSX network virtualization and security platform performing next generation vulnerability management for virtual environments.

How It Works

Rapid7's Nexpose integration with the NSX platform provides real-time visibility into the security risks of virtual environments affecting enterprises and into the prioritized steps needed to protect against real threats and meet compliance requirements.

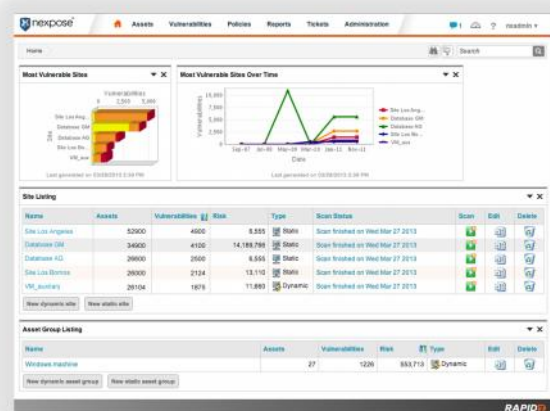
Nexpose integrates fully with the NSX platform to perform vulnerability scans without requiring a network connection between scan engine and virtual machines to identify security risk. By leveraging the NSX platform, authentication credentials do not need to be supplied for deep scanning of assets both online and offline, for vulnerabilities and insecure configurations. Users can safely scan their virtual devices in an efficient manner to avoid any VM Network "Storm" scenarios, even as virtual devices move from server to server.

With the new solution, security administrators will have real-time visibility into their security risk for virtual machines with reduced management overhead.



Joint Solution Benefits

- **Real-time risk visibility** into both online and offline virtual machines with continuous discovery.
- **Fast and accurate vulnerability assessment** by scanning through the hypervisor, minimizing network traffic and target scan host impact.
- **Automated setup and configuration** of Nexpose to scan your virtual environment based on changing VMware NSX infrastructure.
- **Automated security protection** through VMware NSX by leveraging security-based tags created by Nexpose based upon security risk to organizations.



Nexpose Enterprise delivers these core capabilities:

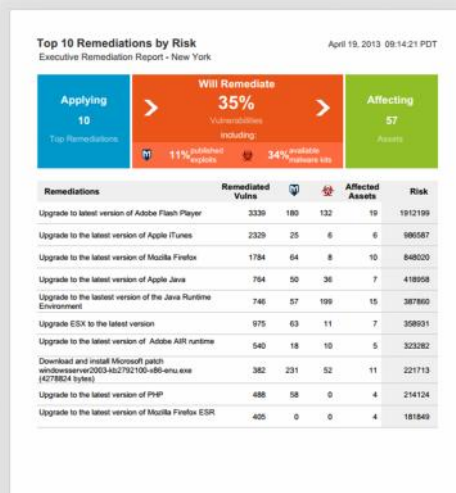
Unrivaled breadth of unified vulnerability scanning – Scans for over 37,000 vulnerabilities with more than 105,000 vulnerability checks in networks, operating systems, web applications, and databases across a wide range of platforms.

Out-of-the box Metasploit® integration – Works with Metasploit to provide remote scan control, exploit identification and automated exploitation functionality.

Rapid7 Real Risk™ – Provides clear insight into the real risk of each unique environment by incorporating information on Exploit Exposure, Malware Exposure, and temporal risk scores as well as CVSS v2 base scores.

End-to-end enterprise workflow support – Manages and helps automate the end-to-end vulnerability management lifecycle including intelligent discovery, risk detection, testing and validation, actionable reporting and remediation. Effectively manages exceptions and policy overrides with approvals and escalations.

Distribute step-by-step remediation plans – Easily creates and automatically distributes short, actionable, step-by-step remediation plans, which allows the IT team to focus on reducing risk important to your organization.



Continuous discovery of virtualized assets – Native integration with VMware enables Nexpose to deliver real-time visibility of all virtual assets and insight into the threat exposure of those assets.

Comprehensive compliance and policy checks – Determines if your systems comply with corporate or regulatory policies such as PCI, HIPAA, NERC, or FISMA.

Strong security configuration assessment – Centrally manages and modifies your policies and easily detects misconfigurations in your environments. Views policy dashboards and report compliance against regulations and auditing guidance such as FDCC, USGCB, and CIS benchmarks.

Extensive enterprise integration – Integrates Nexpose Enterprise with many third-party security, compliance and risk management solutions based on pre-built integrations and Nexpose's XML-based Open API.

Gain Greater Insight with Real Risk™

“Understanding risk across virtual and physical environments can quickly become a daunting task if a complete view of assets and related exposures most vulnerable to an attack are not readily available. Companies have long needed a way to make smarter choices when managing their infrastructure and vendors like Rapid7 are helping to provide insight into actual and validated risks.”



About Rapid7

Rapid7's security solutions deliver visibility and insight that help you make informed decisions, create credible action plans, and monitor progress. They simplify risk management by uniquely combining contextual threat analysis with fast, comprehensive data collection across your users, assets, services and networks, whether on premise, mobile or cloud-based. Rapid7's simple and innovative solutions are used by more than 2,500 enterprises and government agencies in more than 65 countries, while the Company's free products are downloaded more than one million times per year and enhanced by more than 200,000 members of its open source security community. Rapid7 has been recognized as one of the fastest growing security companies by Inc. Magazine and as a "Top Place to Work" by the Boston Globe. Its products are top rated by Gartner® and SC Magazine. For more information about Rapid7, please visit <http://www.rapid7.com>.

