



RidgeBot® and Qualys Integrated Vulnerability Validation - *Streamline Risk Management Across Your Enterprise*

Executive Summary

The fast-evolving threat landscape combined with increasing organizational and technological intricacies create an exceedingly complex environment that leaves organizations vulnerable to attack. Combining leading security tools—such as Qualys’ scan engine with Ridge Security RidgeBot’s automated vulnerability exploitation and validation—continuously assesses and probes the resilience of your assets to identify the highest priority exposures that pose the risk of an active breach to your organization.

The integration draws together Qualys’ vulnerability scan engine and asset management capabilities with RidgeBot’s automated continuous vulnerability exploitation to provide insightful, actionable, accurate and timely threat intelligence to your SecOps team.

The Challenge

Attack surfaces continue to expand dramatically due to increasing adoption of cloud workloads and data storage, virtualization of the network perimeter, a WFA workforce, and evermore sophisticated cybercriminals with AI-assisted attack resources.

To stay a step ahead of the bad actors, you require an adaptive, automated ecosystem of specialized security tools integrated to provide immediate visibility and situational awareness to maximize rapid SecOps response and action.

Joint Solution Description

The integration of Qualys’ scan engine and asset inventory with RidgeBot’s automated exploitation strengthens your cybersecurity threat intelligence. The combined solution leverages the capabilities of Qualys’ asset management and attack surface assessments, with RidgeBot’s active exploitation validation to distil out the highest urgency real risks among your assets with detected vulnerabilities.

The Qualys integration with RidgeBot® (a new capability as of RidgeBot® 5.0) uses the Qualys API which allows RidgeBot® to import asset information from Qualys. The RidgeBot® validation results are accessed via the RidgeBot® GUI. Integrating the RidgeBot® validation results into Qualys’ dashboard is not yet possible via API access.

Solution Components

Ridge Security RidgeBot®

A cost-effective, automated exploitation software robot that continuously probes and validates your network and assets. Results prioritize exploitable vulnerabilities and provide remedial steps.

Qualys Vulnerability Validation

Asset inventory and scan engine capabilities to get a risk-based view of all your attack surfaces, allowing you to investigate and prioritize your most critical assets and vulnerabilities.

Solution Benefits

■ Measure Attack Surfaces

Build a continuously updated unified inventory of assets based on cyber risk and business context. Assess the known and unknown cyber risks across your internal and external attack surfaces.

■ Communicate

Go beyond just enumerating your cyber risks with the ability to clearly define it and articulate your complete cyber risk posture throughout your organization.

■ Eliminate

Proactively eliminate the most critical vulnerabilities within your environment with easy-to-use workflows that unify your Security and IT teams.

■ Prioritize Vulnerabilities; High-precision Remediation

Identify which vulnerabilities to fix first with automated prioritization that combines

vulnerability data, threat intelligence and data science. Speed up and focus remediation with real-time visualization of risk, and tracking of vulnerabilities, assets and remediations. Gain higher precision by focusing on critical exploitable vulnerabilities that must be addressed promptly.

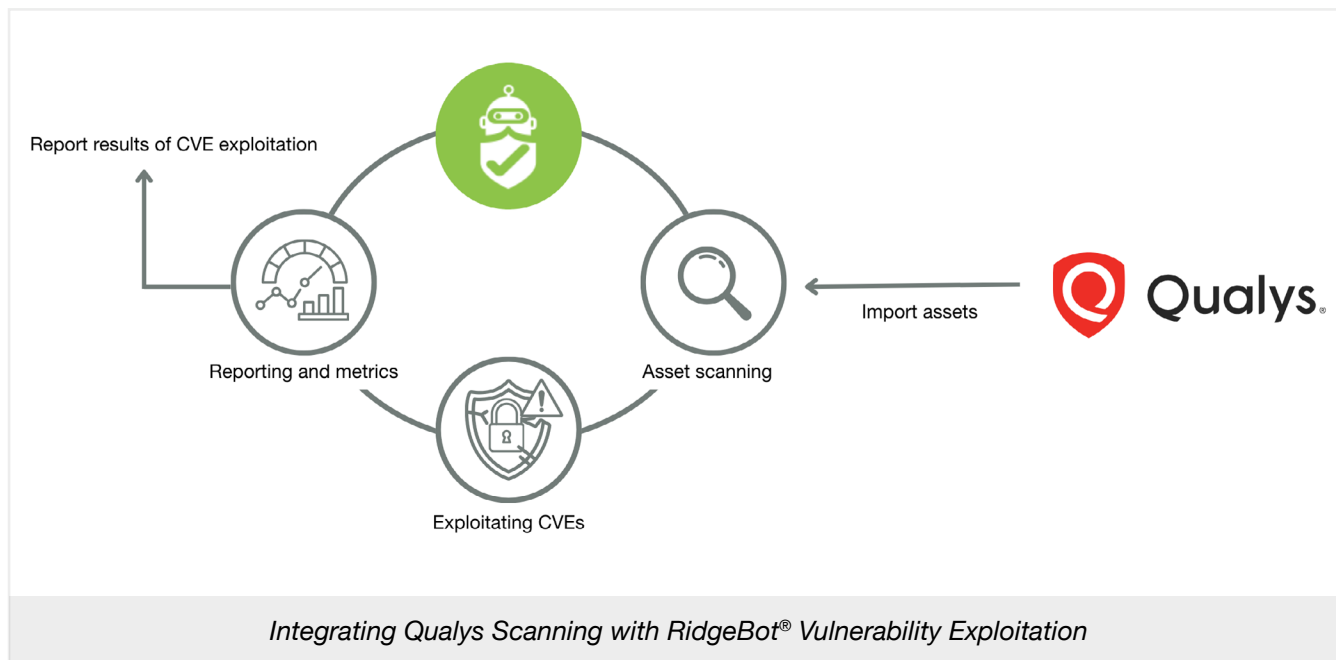
■ Reduce Business Risk

Use threat intelligence from Qualys to identify assets and vulnerabilities. Integration with RidgeBot® helps to:

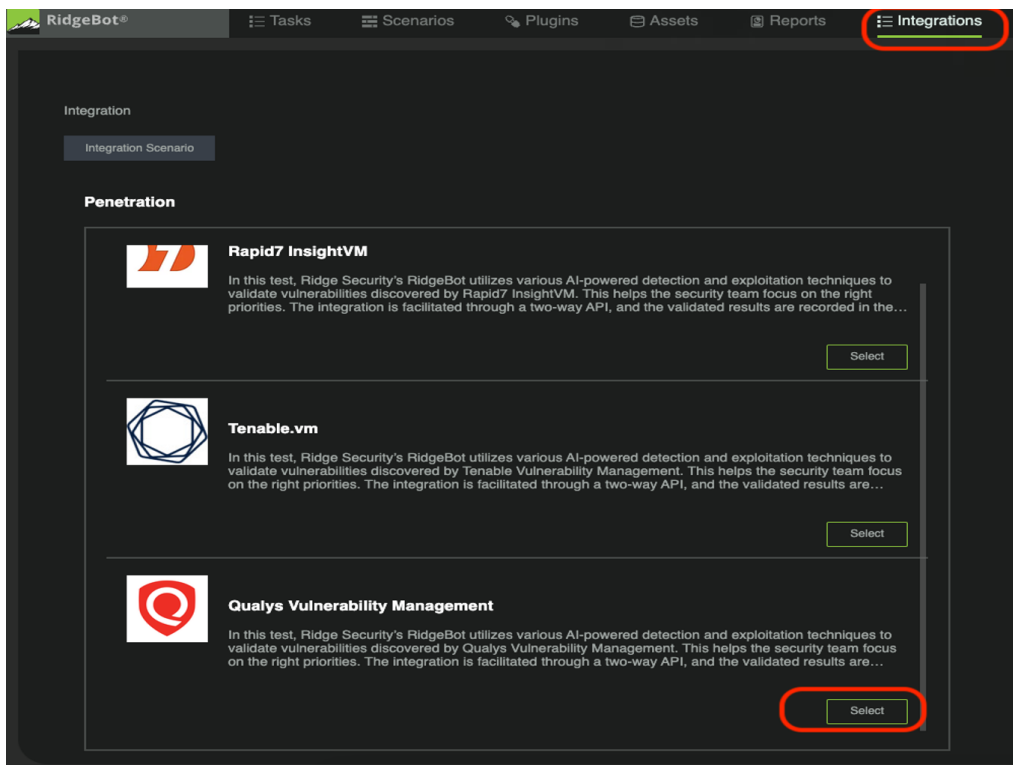
- Transform raw data into actionable intelligence to enable your SecOps team to make quicker and better-informed decisions.
- Provide clarity with vulnerability risk scores into to reduce business risk by understanding which vulnerabilities are most likely to be targeted by attackers.

Joint Solution Integration

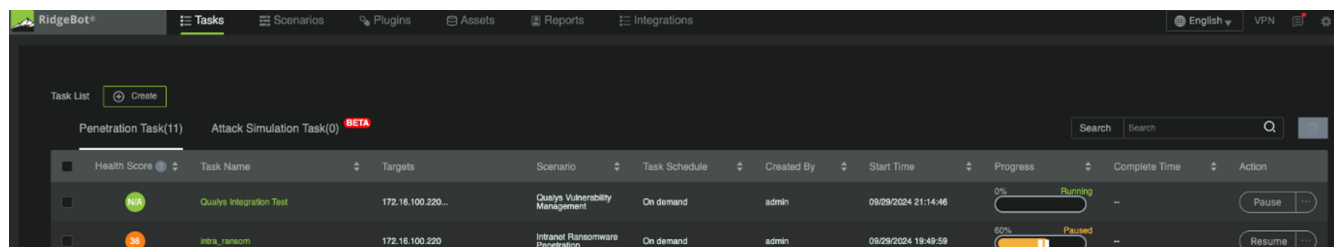
Information about the assets inventoried and managed by Qualys is imported into RidgeBot® to enable automated exploitation and validation of vulnerabilities discovered in the assets. The combined results provide your SecOps team with a prioritized list of the highest risk items to be remediated.



Initiate the integration by choosing Qualys Vulnerability Management from the RidgeBot® UI.



On RidgeBot®, define and run a Qualys integration task. Wait for the task to complete, then generate a report that shows the RidgeBot® validation testing results of your selected targets.



Health Score	Task Name	Targets	Scenario	Task Schedule	Created By	Start Time	Progress	Complete Time	Action
N/A	Qualys Integration Test	172.16.100.220...	Qualys Vulnerability Management	On demand	admin	09/29/2024 21:14:46	0% Running	--	Pause
36	intra_ransom	172.16.100.220	Intranet Ransomware Penetration	On demand	admin	09/29/2024 19:49:58	60% Paused	--	Resume

Joint Use Cases

With RidgeBot® integration with Qualys, you can automate asset management, vulnerability identification and tracking, and vulnerability exploitation to quickly gain visibility into a prioritized list of the highest impact remedial actions to take to immediately lower your business risk.

About Ridge Security

Ridge Security is a leader in exposure management and is dedicated to developing innovative cybersecurity solutions designed to protect organizations from advanced cyber threats. Ridge Security's products incorporate advanced artificial intelligence to deliver comprehensive security validation. With a focus on automation, intelligence, and actionable insights, Ridge Security enables security teams to proactively defend against and respond to evolving cyber challenges.



Request a demonstration of

RidgeBot®

Designed for enterprises



Ridge Security Technology Inc.

<https://ridgesecurity.ai/>

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