Recorded Future and Nucleus

PRODUCT OVERVIEW

Nucleus is a platform that unifies all vulnerability information in an enterprise, then automates vulnerability analysis, prioritization, and response, to help the organization make better risk decisions and mitigate vulnerabilities much faster than they can today.

JOINT INTEGRATION DESCRIPTION

Nucleus integrates with Recorded Future to seamlessly correlate and enrich customer vulnerabilities discovered through vulnerability scanning and assessments. The Recorded Future risk score and enriched vulnerability information enables automation of vulnerability and risk prioritization and triage with the latest vulnerability information available, which is not available from scanning results.

CHALLENGES OVERCOME THROUGH INTEGRATION

An average large enterprise has 10 – 20 different vulnerability scanning tools in use, many of which identify vulnerabilities with CVE identifiers that Recorded Future monitors. Scanning tools do not provide the level of vulnerability intelligence needed to properly analyze and prioritize vulnerabilities. Currently, it is a manual process to correlate findings from vulnerability scan results with vulnerability intelligence feeds. These manual processes are too slow and labor-intensive to scale for large enterprises.

USE CASES

Nucleus Vulnerability Prioritization Using Recorded Future Risk Score: In the Nucleus UI, Recorded Future vulnerability intelligence is automatically correlated with vulnerability scan information from all vulnerability scanners in use, enabling vulnerability prioritization based on Recorded Future's risk score.

Nucleus Vulnerability Analysis with Recorded Future Risk Rule Enrichment: With Recorded Future vulnerability enrichment, Nucleus enables in-depth vulnerability analysis far beyond what is possible using the information provided by vulnerability scanning tools.

Recorded Future Vulnerability Intelligence Enables New Use Cases for Nucleus Automated Ticketing, Alerting, and Reporting: Nucleus automation rules now leverage the Recorded Future vulnerability intelligence feed. Playbooks for ticketing, alerting and reporting can be created based on up-to-date vulnerability information discovered in the wild and the day to day changes to vulnerability risk scores.
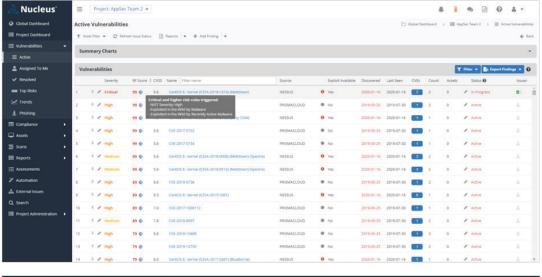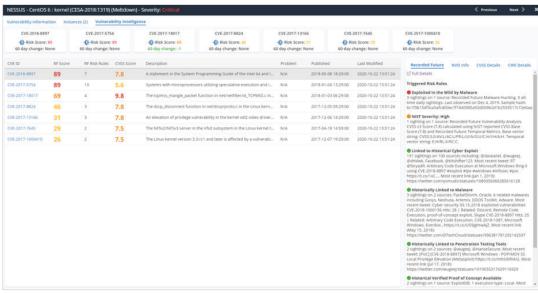
BENEFITS:

V1 of the integration (completed):

- Overlay RF risk score and enchriched vulnerability information/intelligence in the Nucleus UI.

- Enables in depth vulnerability analysis of vulnerabilities discovered from all vulnerability scanning tools in use, from a single console.

- Enables prioritization of vulnerabilities discovered from all vulnerability scanning tools in use, using the RF risk score, from a single console.

V2 of the integration (to be completed by Jan 2021) will:

- Incorporate RF CVE metadata/fields into the Nucleus automation engine.

- Enable automated playbooks for ticketing, alerting, reporting, etc. using RF vulnerability metadata.

Recorded Future®

About Recorded Future

Recorded Future arms security teams with the only complete threat intelligence solution powered by patented machine learning to lower risk. Our technology automatically collects and analyzes information from an unrivaled breadth of sources and provides invaluable context in real time and packaged for human analysis or integration with security technologies.

Nucleus®

About Nucleus

Nucleus is on a mission to solve the real problems that organizations are facing with their vulnerability management programs, from end to end. We built Nucleus to solve the very problems we faced every day doing our jobs as vulnerability analysts, managers, and executives. Nucleus is built to solve, and be a force-multiplier for, the tedious VM process through smart automation of tasks throughout the entire workflow.