Dell SafeGuard and Response
VMware Carbon Black Cloud Vulnerability Management

Risk-prioritized vulnerability assessment for endpoints and workloads

Benefits

- Prioritized vulnerability assessment based on risk and exploit potential

- Built-in risk scoring leveraging Kenna Security's data science approach

- Reduce the performance impacts of point-in-time scans

- Reduce false positives and noisy alerts by focusing on vulnerabilities that pose true risk to your endpoints and workloads

- Leverage open APIs to integrate and automate remediation workflows

Security and IT teams are dealing with an exponentially increasing number of vulnerabilities to address. Without context and visibility into the risk vulnerabilities posed to their assets, teams struggle to align on the prioritization of patch deployments and remediation measures which introduces unnecessary risk to an organization's overall security posture. Empower your security teams to proactively reduce risk with risk-prioritized, scanless vulnerability visibility and context directly within the Carbon Black Cloud console.

Identify Risk to Harden Endpoints and Workloads

Carbon Black Cloud Vulnerability Management leverages Kenna Security's proven data science approach to vulnerability risk scoring to empower security teams to focus on patching or remediating the most critical vulnerabilities in their environment. It provides teams with direct access to vulnerability intelligence and context so they can ensure vulnerabilities that pose the highest security risk are prioritized for remediation over less critical vulnerabilities.

Leveraging a risk-prioritized approach that focuses on a vulnerability's known exploit potential and behavior reduces the volume of vulnerabilities that need to be addressed without introducing unnecessary risk to endpoints and workloads.

Carbon Black Cloud Vulnerability Management leverages the existing lightweight agents on endpoints and workloads to provide inventory data to Kenna Security for assessment. Directly within the Carbon Black Cloud console, analysts gain visibility into the vulnerabilities present on their endpoints and workloads in real time, without having to take on the overhead of a manual scan.
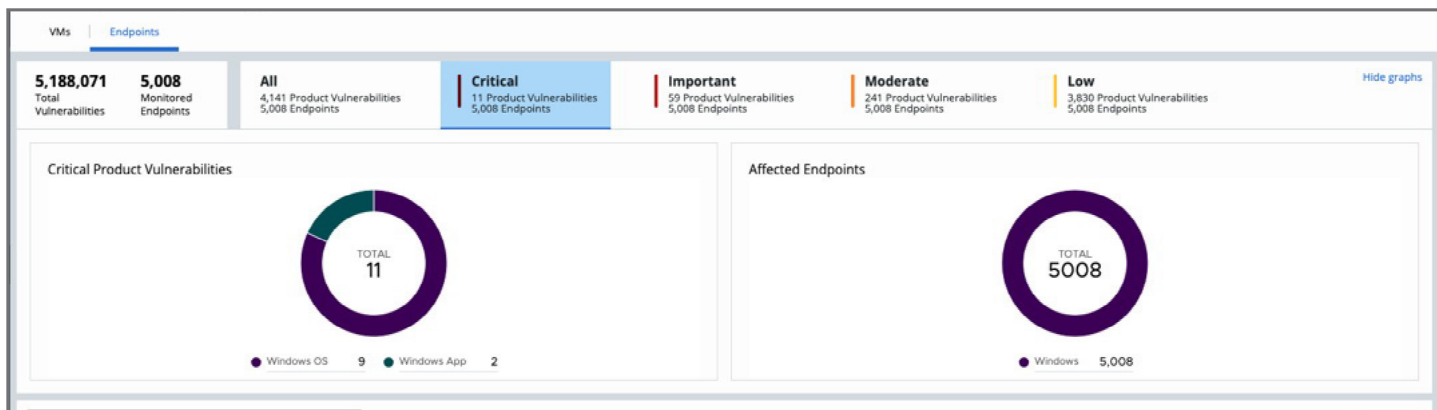
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FIGURE 1: Vulnerability overview in VMware Carbon Black Cloud Vulnerability Management

Risk Scoring from Kenna Security

Partnering with Kenna Security, the Carbon Black Cloud provides straightforward risk scores for vulnerabilities. Kenna Security's approach to risk-based vulnerability management combines data science, machine learning, and predictive modeling to reduce manual prioritization and risk-scoring processes so teams can focus on proactively reducing their overall risk.

The Risk Score considers a number of factors including known exploits and impacts, threat intelligence feeds, traditional vulnerability scoring metrics (CVSS) and software inventory to provide a realistic representation of the true risk associated with a vulnerability. By taking all of these factors into account, security teams are armed with a list of the most critical vulnerabilities in their environment to address.

SOLUTION PLATFORMS

• Windows: Windows 7, 10

• Servers: Windows 2008 R2, Windows 2012, Windows 2012 R2, Windows 2016, Windows 2019

• Linux: RHEL 8, CentOS 8, Oracle 8,SUSE, Ubuntu, Amazon Linux, Debian

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