

# RELIAQUEST FOR VMWARE CARBON BLACK

VMware Carbon Black is a leading endpoint security vendor who offers Endpoint Detection and Response (EDR) solutions for both the cloud and on-premises environments. Their range of technologies can lock down servers and critical systems while also extending to the cloud with native technologies that combine prevention and automated behavioral detection. With increased capabilities come complications, and security teams can find it challenging to keep these tools optimized for uninterrupted value. For one, the detection rules need to be configured and constantly updated in a changing and complex threat landscape. It requires dedicated support to ensure continued effectiveness and high fidelity. Additionally, since VMware Carbon Black is endpoint-focused, enterprise security organizations need to aggregate and correlate alerts with network data to gain a holistic picture of threats.

ReliaQuest helps customers extend the power of VMware Carbon Black by continuously optimizing it and unifying its telemetry with other security technologies and log sources to accelerate threat detection, investigation, and response.

## Drive Maximum Value from Your VMware Carbon Black Investment with ReliaQuest

VMware Carbon Black requires a sophisticated skillset to manage. For it to be effective, teams must keep it operational and tuned for specific use cases and environments. Additionally, it is critical to continuously develop and deploy new detection rules to keep up with the dynamic threat landscape and IT environment.

ReliaQuest detection architects specialize in building detection content configured to the customer organization, tune existing ones and adding detected IOCs for highest fidelity. Using its cloud-native platform, GreyMatter, data from VMWare Carbon Black is unified with other sources such as SIEM, CASBs, threat intelligence and any other technologies to provide context and enrich investigations and drive fast response for proactive protection.

ReliaQuest continuously monitors tools under management to ensure events are received and parsed properly and system performance is within utilization ranges and responsiveness. Customers save time and maximize their investments with complete management of these tools, including software upgrades, performance tuning, and troubleshooting.

### BENEFITS:

- Reduce noise and identify emerging threats with continuously built and optimized detection content
- Ensure optimal performance with managed integration and by continuously monitoring for health and system performance
- Drive faster insights by enhancing alerts with contextual telemetry from other security tools, log sources and threat intelligence
- Leverage early warnings from learnings from our global customer base to proactively protect your organization
- Enhance protection with automated response actions and controls validation



## Key Capabilities

**24/7/365 monitoring:** Leveraging its cloud-native GreyMatter platform, ReliaQuest offers continuous monitoring of VMware Carbon Black technologies for real-time situational awareness improving alerts prioritization and support for higher-fidelity investigations.

**Comprehensive threat protection and response:** Leverage ReliaQuest MDR services for investigation and root-cause analysis, including recommendations and automated response to get the host to a secure state.

**Continuous tuning and development of detection rules:** Stay ahead of threats and reduce the impact of events with curated detection rules, plus continuous updates based on nonstop research and learning from across a growing global customer environment.

**Monitor for health and system performance:** Detect and rectify any outages and degradations by continuously monitoring technology for optimal operations, responsiveness, and systems performance.

**Save time with managed integrations:** Keep your VMware Carbon Black up to date and effective with timely patching, performance tuning, troubleshooting for any core components, software updates, and maintenance, including installation and testing of vendor product upgrades.

**Automation across the security lifecycle:** Leveraging LiveOps, ReliaQuest automates detection as well as remediation within your VMware Carbon Black instance. GreyMatter automation playbooks can be further extended for fast actions.

**MITRE ATT&CK framework mapping:** Mappings to MITRE ATT&CK framework and Kill Chain stages help plot coverage and uncover areas for focus to improve security posture.

**Industry peer benchmarking:** Know how you are doing against your peers when it comes to visibility, team performance, and tool fidelity.

**Customer success focus:** Gain a dedicated customer success manager who gives you personalized attention, ensuring our services are curated to your needs and exceed your expectations.

## Sample Threat Types and Use Cases

SAMPLE THREAT TYPES	EXAMPLE USE CASES
<b>Execution:</b> Detects techniques threat actors leverage to execute controlled code on a local or remote system.	<ul style="list-style-type: none"><li>• Named pipe creation</li><li>• File encryption from unsigned process</li><li>• Suspicious invocation of shell commands</li><li>• Removable drive followed by execution</li></ul>
<b>Persistence:</b> Detects techniques threat actors leverage to maintain access to systems across restarts, credential changes, etc.	<ul style="list-style-type: none"><li>• Kernel module modification</li><li>• Cron job from a service account</li><li>• PowerShell scheduled task creation</li></ul>
<b>Privilege escalation:</b> Detects techniques threat actors leverage to gain higher-privileged permissions on a system or network.	<ul style="list-style-type: none"><li>• Reconnaissance of SUID executables</li><li>• SSP DLL injection</li><li>• Modification of Windows login screen</li><li>• Sudo file modification</li></ul>
<b>Defense evasion:</b> Detects techniques threat actors leverage to avoid detection throughout their compromise.	<ul style="list-style-type: none"><li>• Nonstandard process executing Windows process</li><li>• PowerShell execution policy modifications</li><li>• Shell history modification</li><li>• Deletion of shadow copies</li></ul>
<b>Credential access:</b> Detects techniques threat actors leverage to steal credentials such as account names and passwords.	<ul style="list-style-type: none"><li>• Credential harvesting (access of files with credentials)</li><li>• Allowing of credentials stored in plaintext</li><li>• Credential dumping (e.g., Mimikatz/LSASS)</li></ul>