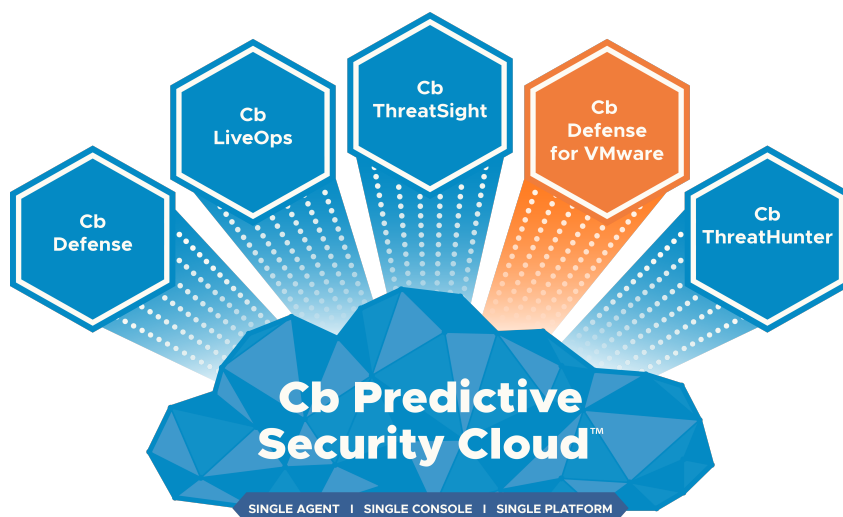


## Cb Defense for VMware

Cb Defense for VMware is a cloud-delivered, purpose-built security solution for protecting applications deployed in the virtualized data center. Cb Defense for VMware is delivered through the Cb Predictive Security Cloud, a next-generation endpoint protection platform that consolidates security in the cloud using a single agent, console and dataset. Jointly architected with VMware, the solution seamlessly integrates with VMware AppDefense, combining least-privilege application control with application-informed behavioral threat detection and endpoint detection and response (EDR). This unique combination delivers superior protection from advanced threats without compromising availability and performance.

While traditional security strategies are aligned to data center infrastructure, Cb Defense for VMware's native integration with VMware AppDefense enables security controls to be aligned with applications. This application-centric security model delivers a clear, comprehensive picture of virtual server activity using unfiltered, tagged data that allows you to easily search and investigate, follow the stages of an attack and identify root cause so you can close security gaps.

Leveraging the unique properties of the hypervisor, the solution provides IT and security teams complete visibility into what's running across the infrastructure, including application scope and context, enabling teams to collaborate and respond quickly. Automated, orchestrated remediation actions, including custom workflows and the ability to automatically shut down or suspend a compromised VM, keep applications running while stopping attacks. Cb Defense for VMware is available as a software as a service from Carbon Black or can be purchased through VMware directly or as part of a VMware ELA.



### Use Cases

- Securing the Virtualized Data Center

### Benefits

#### Benefits for Security Teams

- Reduce complexity by consolidating security tools
- Dramatically reduce the attack surface through least privilege application control
- Detect and prevent advanced threats and lateral attacks
- Speed response and remediate automatically with precision
- Enable threat hunting through complete visibility of data center assets
- Decrease friction and encourage collaboration with IT

#### Benefits for IT Teams

- Native hypervisor-based security without compromising performance or uptime
- Complete visibility into what's running in the environment
- Automate workflows through tight integration with the VMware ecosystem
- Minimize IT disruption and decrease operational burden for infrastructure teams
- Streamline governance processes and compliance audits
- Integrate security into the IT workflow and reduce friction with Security teams

### Cb Defense for VMware and the PSC

- Cloud-delivered security for the virtualized data center
- Predictive prevention driven by unfiltered data and streaming analytics
- Manage server and desktop security with a single solution

# Carbon Black.

## Key Capabilities

### Single Agent, Cloud Platform

Cb Defense for VMware is built on the Predictive Security Cloud (PSC), a powerful security platform that offers converged prevention, detection and response with additional services that can be activated as you need them, using the same converged agent, without any additional deployment or infrastructure.

### Hypervisor-Based Protection

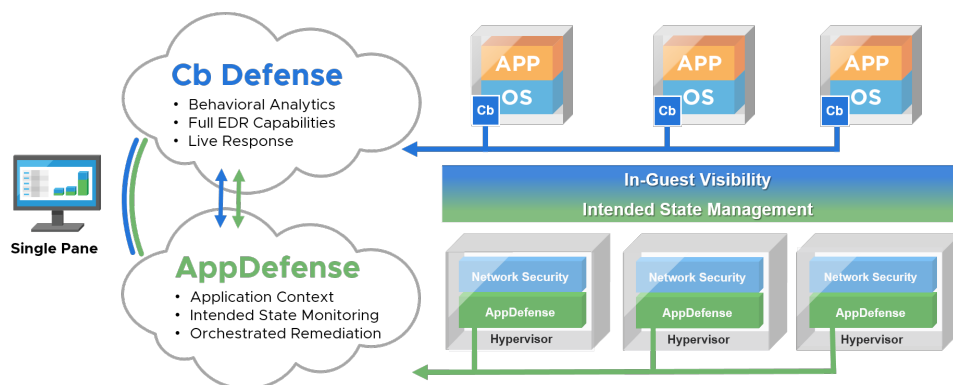
The Cb Defense for VMware and VMware AppDefense combined solution is natively integrated into the vSphere hypervisor, providing increased visibility and prevention that cannot be bypassed. The combined solution will monitor and alert on any changes to the operating system kernel, and security agent, for sophisticated attacker actions.

### Stop Unknown Threats and Lateral Attacks

Cb Defense for VMware's unique, data-driven prevention technology is certified to replace AV, using predictive modeling that identifies and stops more known and unknown threats including non-malware and fileless attacks from compromising your most critical assets. This technology eliminates the black magic typically associated with machine learning, minimizing misses and false positives.

### Simplified Operations

Cb Defense for VMware breaks down the walls between IT Ops and Security by providing a common source of truth and shared visibility into the environment. Teams can more easily collaborate with simple workflows and built-in tools for live incident response and real-time investigations. In addition, flexible policy configurations allow you to explicitly tailor your prevention, minimizing business disruption without compromising security.



Cb Defense for VMware uses unfiltered endpoint data to provide complete visibility into advanced threats and lateral attacks, enabling administrators to minimize downtime by quickly and remotely remediating data center assets.

## About Carbon Black

Carbon Black (NASDAQ: CBLK) is a leading provider of next-generation endpoint security delivered via the cloud. Leveraging its big data and analytics cloud platform – the Cb Predictive Security Cloud – Carbon Black consolidates prevention, detection, response, threat hunting and managed services into a single platform with a single agent and single console, making it easier for organizations to consolidate security stacks and achieve better protection. As a cybersecurity innovator, Carbon Black has pioneered multiple endpoint security categories, including application control, endpoint detection and response (EDR), and next-generation antivirus (NGAV) enabling customers to defend against the most advanced threats. More than 4,300 global customers, including 35 of the Fortune 100, trust Carbon Black to keep their organizations safe.

Carbon Black and Cb Predictive Security Cloud are registered trademarks or trademarks of Carbon Black, Inc. in the United States and other jurisdictions.

## Features

- Stops malware and fileless attacks
- Customizable prevention policies
- Visualize attack chains in real time
- Live Response real-time threat remediation
- Perform isolation and remediation actions on virtual servers
- Open APIs integrate with your security stack and core systems

### Tightly integrated with VMware AppDefense for a complete solution:

- Natively integrated into the vSphere hypervisor
- Establish baseline intended state through application context
- Enforce least-privilege application control
- Automate and orchestrate remediation actions
- Optional integrations with other VMware ecosystem tools (vRealize Automation, VMware NSX, configuration management tools such as Puppet Enterprise)

## Platforms

- Mac OS X: 10.6.8+
- Server: Windows 2008 R2  
Windows 2012  
Windows 2016

## REQUEST A DEMO

Contact us today to schedule a demonstration.

contact@carbonblack.com  
617-393-7400