

McAfee Cloud Workload Security

Secure your private and public cloud workloads. Safer. Faster. Simpler.

As corporate data centers evolve, more workloads are migrated to cloud environments every day. Most organizations have a hybrid environment with a mixture of on-premises and cloud workloads, which are constantly in flux. This introduces a security challenge as cloud environments (private and public) require new approaches and tools for protection. Organizations need central visibility of all cloud workloads with complete defense against the risk of misconfiguration, malware, and data breaches.

McAfee® Cloud Workload Security automates the discovery and defense of elastic workloads to eliminate blind spots, deliver advanced threat defense, and simplify multi-cloud management. McAfee provides unparalleled protection that makes it possible for a single, automated policy to effectively secure your workloads as they transition through your virtual private, public, and hybrid environments, enabling operational excellence for your cyber security teams.

Real-Time Visibility

Automated Discovery

Unseen workload instances create gaps in security management and can give attackers the foothold they need to infiltrate your organization. McAfee Cloud Workload Security discovers elastic workload instances across Amazon Web Services (AWS), Microsoft Azure, and VMware environments and continuously monitors

for new instances. You gain a centralized and complete view across environments and eliminate operational and security blind spots that lead to risk exposure.

Modern Workload Security

Advanced Threat Protection

McAfee Cloud Workload Security integrates comprehensive countermeasures, including machine learning, application containment, virtual machine-optimized anti-malware, whitelisting, file integrity monitoring, and micro-segmentation that protect your workloads from threats like ransomware and targeted attacks. Advanced Threat Protection defeats sophisticated attacks that have never been encountered before by applying machine learning techniques to convict malicious payloads based on their code attributes and behavior.

Key Benefits

- Continuous visibility of elastic workload instances eliminates operational “blind spots” while automating once laborious policy deployments.
- Virtual Machine-optimized threat defenses deliver multilayer countermeasures.
- Centralized management and automated workflows drastically reduce the complexity of hybrid and multi-cloud environments.
- Integration with automation tools like Chef and Puppet apply security to public and private cloud workloads at the time of deployment.
- Gain multi-layer protection from advanced malware and intrusion with ease of use.
- Visualize and discover network threats without installing an agent.
- Secure your environment by taking corrective actions directly from within the solution.

Connect With Us



Superior Virtualization Security

McAfee Cloud Workload Security protects your private cloud virtual machines from malware without straining underlying resources or requiring additional operating costs. You gain anti-malware protection that intelligently schedules resource-intensive tasks, such as on-demand scanning, when the hypervisor is not overloaded.

Network Visualization with Micro-Segmentation

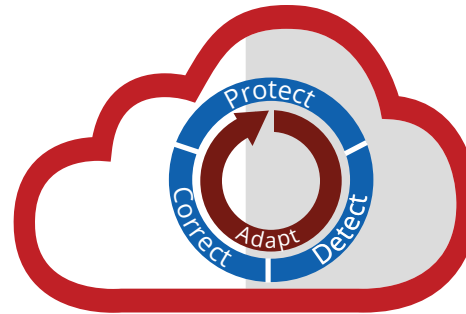
Cloud-native network visualization, prioritized risk alerting, and micro-segmentation capabilities deliver awareness and control to prevent lateral attack progression within virtualized environments and from external malicious sources.

File Integrity Monitoring (FIM)

FIM continuously monitors to ensure your system files and directories have not been compromised by malware, hackers, or malicious insiders. Comprehensive audit details provide information about how files on server workloads are changing and alert you to the presence of an active attack.

Application Control

Application control prevents both known and unknown attacks by allowing only trusted applications to run while blocking any unauthorized payloads. Application control provides dynamic protection based on local and global threat intelligence, as well as the ability to keep systems up-to-date without disabling security features.



Cloud Workload Security

Comprehensive **visibility**
and **control**

Simplify Management

Consistency Through Centralized Management

A single console provides consistent security policy and centralized management in multi-cloud environments across servers, virtual servers, and cloud workloads.

Automated Deployment

With support for deployment automation tools from organizations like Chef, Puppet, and Ansible, you can automatically deploy security technology in multiple cloud environments.

Improved Security Coverage

McAfee Cloud Workload Security ensures you maintain the highest quality of security while taking advantage of the cloud. It covers multiple protection technologies, simplifies security management, and prevents cyber threats from impacting your business—so you can focus on growing it. Below is a feature comparison of the available package options.

DATA SHEET

Features	Cloud Workload Security Basic	Cloud Workload Security Essentials	Cloud Workload Security Advanced
Centralized Management (McAfee ePO™ Platform)	✓	✓	✓
Multiple Cloud Support (AWS, Azure, VMware)	✓	✓	✓
Threat Prevention for Server OS (Windows and Linux)	✓	✓	✓
Host Intrusion and Exploit Prevention	✓	✓	✓
Cloud Encryption Management	✓	✓	✓
Native Firewall Management for AWS and Azure (Security Groups)	✓	✓	✓
McAfee Management for Optimized Virtual Environments (Agentless and Multiplatform)	✓	✓	✓
Host-based Firewall	✓	✓	✓
Adaptive Threat Protection with Machine Learning		✓	✓
Network Traffic Visualization and micro-segmentation		✓	✓
Cloud Native Network Traffic Analysis Combined with Global Threat Intelligence Reputation Score		✓	✓
Application Control for Servers			✓
File Integrity Monitoring			✓
Change Control for Servers			✓
McAfee Virtual Network Security Platform Integration		✓	✓

Learn More

For more information, visit:
<https://www.mcafee.com/us/products/cloud-workload-security.aspx>.



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McAfee technologies' features and benefits depend on system configuration and may require enabled hardware, software, or service activation. Learn more at mcafee.com. No computer system can be absolutely secure.

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