Check Point vSEC for VMware vCloud Air

Comprehensive security protections for the hybrid cloud

VMware vCloud®AirTM

is a secure, dedicated hybrid cloud service operated by VMware, built on the trusted foundation of VMware vSphere®.

The service supports existing workloads and third-party applications as well as new application development, giving IT a common platform for seamlessly extending its data center to the cloud.

Check Point vSEC for vCloud Air

delivers advanced, multi-layered security for vCloud Air environments, protecting assets in the cloud from attacks while enabling secure connectivity from enterprise networks to vCloud Air hybrid networks.

Designed for the dynamic security requirements of cloud deployments, vSEC provides the most advanced threat protections to inspect traffic entering and leaving private subnets in the VDC. Fully integrated security features include: Firewall, IPS, Application Control, IPsec VPN, Antivirus, Anti-Bot, and award-winning SandBlast sandboxing technology.

vSEC provides consistent security policy management, enforcement, and reporting, making migration to vCloud Air cloud environments painless.

SECURITY CHALLENGES FOR HYBRID CLOUD ENVIRONMENTS

The wide adoption of cloud architectures is being driven by the desire to transform businesses for greater efficiency, speed, agility, and cost controls. While cloud solutions offer many advantages over traditional IT infrastructure, legacy security approaches do not address the dynamic nature of cloud environments, and can expose organizations to a new set of security risks.

Security insertion and management is a significant challenge for the cloud. Organizations struggle to manage disparate security solutions for their on-premise and cloud environments, resulting in a lack of consistent policy enforcement that makes regulatory compliance difficult. At the same time, the number of cyber threats and breaches continues to increase. Traditional security approaches fail to adequately extend proper protections to the cloud, making them attractive targets for cyber criminals. Once an environment is breached, attacks are able to spread laterally from VM to VM within the cloud infrastructure, and even extend externally to corporate networks.

Check Point vSEC for vCloud Air delivers comprehensive security tailored to protect hybrid cloud environments, so businesses can feel confident about extending their data center applications and workflows to the cloud.

ADVANCED THREAT PREVENTION FOR vCLOUD AIR

Check Point and VMware have partnered to deliver a best-in-class experience for customers looking to extend advanced security protections to their vCloud Air hybrid cloud environments. vSEC for vCloud Air seamlessly integrates with vCloud Air, providing reliable connectivity to public cloud assets while protecting applications and data with industry-leading threat prevention. Additionally, vSEC dramatically simplifies security management and policy enforcement across private, hybrid, and public cloud networks. Working with VMware vSphere® VMotion®, vSEC also ensures advanced security protections move with VMs as they migrate from data centers to vCloud Air hybrid cloud environments.

Complete visibility and control for your hybrid cloud

vSEC for vCloud Air gives businesses the confidence to securely extend their data center resources and workloads to hybrid clouds, providing tangible customer benefits including:

- Protection against security breaches, malware, and zero-day attacks in the public cloud that may lead to private cloud / data center breaches
- Unified security management, visibility, and reporting across both private and public cloud networks
- Automated workflows and orchestration to minimize configuration errors
- Elimination of the costs and loss of reputation associated with business disruptions and downtime
- Migrate sensitive workloads, applications and data to the hybrid cloud with confidence

Comprehensive security protections

vSEC for vCloud Air provides industry-leading threat prevention security to keep vCloud Air hybrid cloud networks safe from even the most sophisticated attacks. Fully integrated security protections include:

- **Firewall, Intrusion Prevention System (IPS), Antivirus, and Anti-Bot** technology protects services in the cloud from unauthorized access and prevents attacks

- **Application Control** helps to prevent application-layer Denial of Service (DoS) attacks and protect hybrid cloud services

- **Mobile Access** allows mobile users to connect to hybrid clouds using an SSL encrypted connection with two-factor authentication and device pairing

- **Data Loss Prevention** protects sensitive data from theft or unintentional loss

- **SandBlast Zero-Day Protection** sandbox technology provides the most advanced protection against malware and zero-day attacks

Centralized management of on-premise and hybrid cloud infrastructures

Policy management is simplified with centralized configuration and monitoring of cloud and on-premise security. Hybrid cloud workload traffic is logged and can be easily viewed within the same dashboard as other logs. This ensures that the right level of protection is applied across both hybrid cloud and physical networks.

Consolidated logs and reporting

vSEC for vCloud Air gives organizations complete threat visibility and enforcement for hybrid cloud infrastructures. Check Point SmartEvents software consolidates monitoring, logging, and reporting across cloud and on-premise networks.

Security reports specific to cloud workload traffic can be generated to track security compliance across the hybrid cloud network, simplifying reporting and audits. With all aspects of security management such as policy management, logging, monitoring, event analysis, and reporting centralized via a single dashboard, security administrators get a holistic view of their security posture across the entire organization.
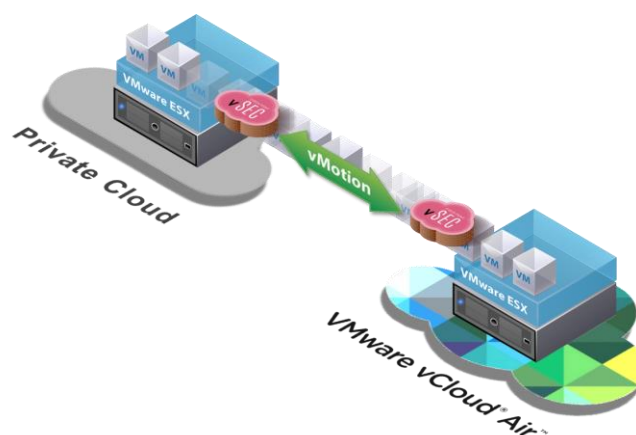
Unified policy management and security that follows VMs as they migrate from the data center to vCloud Air hybrid networks with vSphere VMotion

To learn more about how Check Point vSEC and VMware vCloud Air provide the most advanced security protections for hybrid cloud networks, download a free trial of vSEC for vCloud Air at www.checkpoint.com/products/vsec-for-vmware-vcloud-air or contact your Check Point or VMware partner or sales representative.

ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com), is the largest pure-play security vendor globally, provides industry-leading solutions, and protects customers from cyberattacks with an unmatched catch rate of malware and other types of attacks. Check Point offers a complete security architecture defending enterprises' networks to mobile devices, in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes. At Check Point, we secure the future.

ABOUT VMWARE

VMware is a leader in cloud infrastructure and business mobility. Build on VMware's industry-leading virtualization technology, our solutions deliver a brave new model of IT that is fluid, instant and more secure. Customers can innovate faster by rapidly developing, automatically delivering and more safely consuming any application. VMware has more than 500,000 customers and 75,000 partners. The company is head-quartered in Silicon Valley with offices throughout the world and can be found online at www.vmware.com