

WELCOME TO THE FUTURE OF CYBER SECURITY

CHECK POINT + AWS

Comprehensive Security Protections for AWS Cloud Environments



Amazon Web Services (AWS) is a secure, dedicated public cloud computing service operated by Amazon.com. 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 CloudGuard for AWS delivers advanced, multi-layered security for the AWS cloud environment, protecting assets in the cloud from attacks while enabling secure connectivity from enterprise networks to the AWS cloud (hybrid networks).

Designed for the dynamic security requirements of cloud deployments, CloudGuard provides advanced threat protections to inspect traffic entering and leaving private subnets in the VPC. Fully integrated security features include: Firewall, IPS, Application Control, IPsec VPN, Antivirus, Anti-Bot.

CloudGuard provides consistent security policy management, enforcement, and reporting, making migration to the AWS cloud painless.



PUBLIC CLOUD SECURITY OVERVIEW

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 premises and cloud environments, resulting in a lack of consistent policy enforcement that makes regulatory compliance difficult. At the same time, the frequency and sophistication of threats continues to increase. Security solutions protecting premises-based environments do not extend to the cloud, leaving them exposed and making them attractive targets for cyber criminals. Once a cloud environment is breached, attacks are able to spread laterally from VM to VM within the cloud and even extend externally to corporate networks.

Check Point CloudGuard for AWS delivers comprehensive security tailored to protect public and cloud environments, so businesses can feel confident about extending their data center applications and workflows to the cloud.

ADVANCED THREAT PREVENTION FOR AWS

Check Point and AWS have partnered to deliver a best-in-class experience for customers looking to extend advanced security protections to their AWS public and hybrid environments. Seamlessly integrating with the AWS cloud infrastructure, CloudGuard for AWS provides reliable and secure connectivity to public cloud assets while protecting applications and data with industry-leading threat prevention. Additionally, CloudGuard helps organizations by dramatically simplifying security management and policy enforcement across private, hybrid, and public cloud networks. As a result, IT organizations can achieve an advanced security posture that moves with Virtual Applications as they migrate from data centers to AWS hybrid cloud environments.

WELCOME TO THE FUTURE OF CYBER SECURITY

Complete visibility and control for AWS

CloudGuard for AWS gives businesses the confidence to securely extend their data center resources and workloads to public 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
- Elimination of the costs and loss of reputation associated with business disruptions and downtime
- Securely migrate sensitive workloads, applications and data to the cloud

Comprehensive security protections

CloudGuard for AWS provides industry-leading threat prevention security to keep AWS public cloud networks safe from even the most sophisticated attacks. Fully integrated security protections include:

- **Firewall, Intrusion Prevention System (IPS), Antivirus, and Anti-Bot** technology protect workloads in the cloud from unauthorized access and malicious network attacks
- **IPSec VPN** allows secure connectivity over a dedicated and encrypted tunnel between AWS Virtual Private Cloud (VPC) and the Enterprise network.
- **Remote Access** allows remote users to connect to AWS 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

Lateral threat prevention internal to the public cloud can be achieved using the appropriate networking configuration to redirect traffic to the CloudGuard gateway for inspection.

Centralized management of on-premises and public cloud infrastructures

Policy management is simplified with centralized configuration and monitoring of cloud and on-premises security from a single console. This ensures that the right level of protection is applied consistently across both

hybrid cloud and physical networks. Hybrid cloud workload traffic is logged and can be easily viewed within the same dashboard as other logs.



The Check Point Smart Dashboard provides real-time visibility into activity that spans the data center to the AWS public cloud.

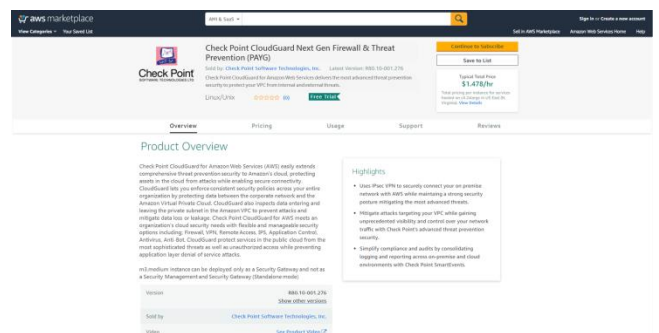
Consolidated logs and reporting

CloudGuard for AWS gives organizations complete threat visibility and enforcement for hybrid cloud infrastructures. Check Point SmartEvent software consolidates monitoring, logging, and reporting across cloud and on-premises networks. SmartEvent logs can also be exported to 3rd party SIEM platforms.

Security reports specific to cloud workload traffic can be generated to track security compliance across the hybrid cloud network, simplifying reporting and audits and making it easy to demonstrate compliance with industry regulations. 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.

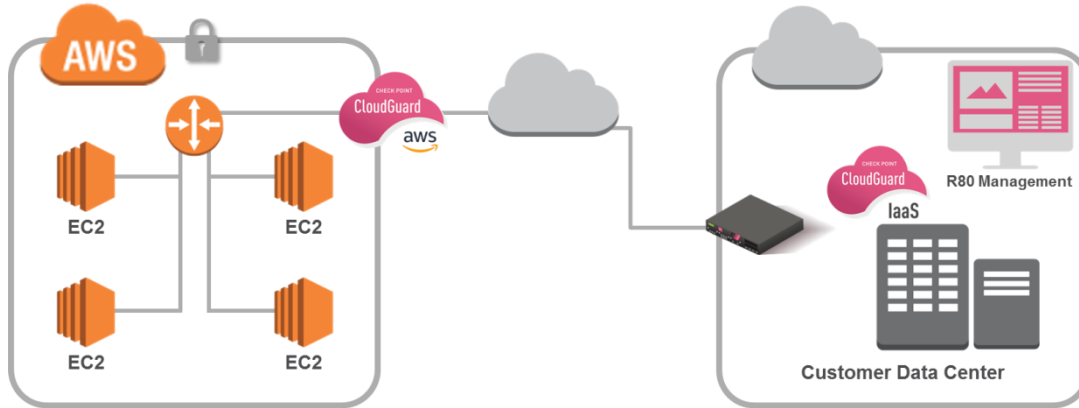
Rapid and Flexible Deployment

Easily and affordably extend security to your Amazon cloud using rapid one-click deployment of CloudGuard, available in the AWS Marketplace in on-demand per-hour (PAYG) or Bring Your Own License (BYOL) options. Rapidly deploy and provision CloudGuard using AWS CloudFormation templates and quickly customize security protections to your specific business needs using Check Point advanced threat prevention suite of security technologies.



Check Point CloudGuard Security Gateway on AWS Marketplace

WELCOME TO THE FUTURE OF CYBER SECURITY



Unified policy management and security that follows VMs as they migrate from the data center to AWS public cloud networks

SUMMARY

Check Point Software Technologies provides uncompromising protection against all types of cyberattacks while dramatically simplifying IT security management. Check Point CloudGuard for Amazon Web Services takes advantage of the cost efficiencies and automation of AWS while tightly integrating advanced security features designed to meet the efficiency and scalability requirements of large deployments in the public cloud.

Check Point CloudGuard for Amazon Web Services enables customers to confidently extend security to their AWS cloud infrastructure with the full range of protections of the Check Point threat prevention architecture. CloudGuard for AWS prevents network attacks and data breaches while enabling secure connectivity to Amazon public cloud environments. CloudGuard also integrates with a wide variety of public cloud and private cloud environments including those built on SDDC technology.

To learn more about how Check Point CloudGuard and Amazon Web Services provides advanced security protections for public and hybrid cloud networks, download a free trial of CloudGuard for AWS at or contact your Check Point or AWS partner or sales representative.

ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading provider of cyber security solutions to governments and corporate enterprises globally. Its solutions protect customers from cyber-attacks with an industry leading catch rate of malware, ransomware and other types of attacks. Check Point offers a multilevel security architecture that defends enterprises' cloud, network and mobile device held information, plus the most comprehensive and intuitive one point of control security management system. Check Point protects over 100,000 organizations of all sizes.

ABOUT AWS

Amazon Web Services (aws.amazon.com) is the largest public cloud computing services provider globally, provides a highly reliable, scalable, low-cost computing platform in the cloud that powers hundreds of thousands of businesses in 190 countries around the world. With data center locations in the U.S., Europe, Brazil, Singapore, Japan, and Australia, customers across all industries are using the AWS cloud computing platform to launch applications across a wide variety of use cases taking advantage of the following benefits offered by AWS: low cost, agility, elasticity, security, openness, flexibility and global footprint.