

CHECK POINT CLOUDGUARD

ADVANCED CLOUD SECURITY FOR GEN V THREATS



CLOUDGUARD

Secure your cloud with confidence

Portfolio Benefits

- Protects **all cloud services**, always on beat with evolving architectures
- **Agility & Elasticity** that goes along your cloud journey

Portfolio Features

Network

- ✓ **Automated Security Blueprint** for public and private cloud environments
- ✓ **Advanced Threat Protection** for network data plane:
 - NGFW
 - Application and Data Security
 - Advanced Threat Prevention
 - Forensic Analysis
- ✓ **Visibility** into cloud network, assets, and configurations, and continuous **compliance enforcement**

Identity

- ✓ **Robust Identity Protection** blocks account takeovers on SaaS apps and protects privileged accounts from causing catastrophe on public clouds
- ✓ **AI-Powered Phishing Protection** blocks sophisticated phishing attacks on O365 and Gmail

Control Plane

- ✓ **Instant Visibility** into misconfigurations
- ✓ **Continuous Compliance** enforcement
- ✓ **Actionable Threat Intelligence** protects against intrusions

CURRENT BUSINESS CLIMATE: CLOUDY

The need to increase business agility is driving more organizations to the cloud. So much so that analyst firm [Gartner](#) predicts worldwide public cloud services revenue will reach over \$411 billion by 2020. Thus, it's no surprise that nearly [95 percent of businesses](#) are currently using the cloud either for SaaS-based applications, public cloud networking, public / private hybrid networks, or all of the above.

Organizations are able to bring their products to market faster leveraging shared resources of cloud services instead of spending countless resources and time designing, deploying and managing physical infrastructure. The age of digital transformation renovates how organizations utilize Information Technology, and the role and importance of the cloud will only continue to grow.

NOT EVERY CLOUD HAS A SILVER LINING

Despite the rapid adoption of cloud, protecting assets and data remains a top concern. Moving applications and workloads to the cloud creates unique security challenges which expose businesses to a host of new threats.

Compounding the issue is the fact that cloud security is a shared responsibility. Cloud service providers deliver strong security controls to protect the cloud fabric but they have no knowledge of "normal" customer traffic and thus are unable to determine malicious content or activity from benign. At the same time, native cloud security capabilities do not offer the same robust protections customers enjoy on their premises-based networks, leaving cloud services exposed.

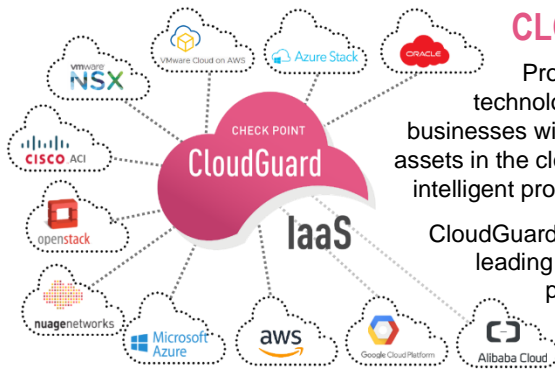
It is time for a new security model; one that delivers a complete architecture focused on preventing attacks, provides true ease of operations and stays aligned to the dynamic nature of cloud environments.

INTRODUCING CHECK POINT CLOUDGUARD™

Check Point CloudGuard, a comprehensive cloud security portfolio, is designed to prevent the latest fifth generation (Gen V), multi-vector cyberattacks targeting enterprise cloud services. Part of the Infinity Architecture, the portfolio includes **CloudGuard IaaS** that provides advanced threat prevention for enterprise network in public and private clouds, **CloudGuard Dome9** that offers native security and compliance orchestration across the public cloud, and **CloudGuard SaaS** that prevents targeted attacks on SaaS applications and cloud-based email.

Whether your business strategy centers around cloud-enabling applications and platforms, public and hybrid infrastructure or a multi-cloud approach, CloudGuard ensures all your assets are fully protected while supporting the elastic, dynamic and cost effective nature of the cloud.

CloudGuard – Any Cloud, Any Application, Unmatched Security.



CLOUDGUARD IAAS

Process efficiencies and increased network agility are driving IaaS and SDN technology adoption at a rapid pace. But these new infrastructures also present businesses with a unique set of security challenges. Check Point CloudGuard IaaS protects assets in the cloud from the most sophisticated Gen V cyber-threats with dynamic scalability, intelligent provisioning and consistent control across physical and virtual networks.

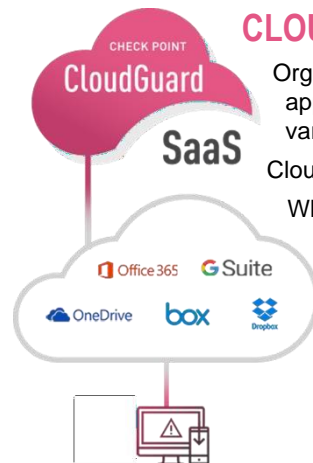
CloudGuard IaaS supports the broadest range of public and private cloud platforms including all leading public, private and hybrid cloud platforms. Advanced features such as auto-provisioning and auto-scaling along with automatic policy updates ensure security protections keep pace with all changes to your cloud. Additionally, CloudGuard IaaS supports a single unified console for consistent visibility, policy management, logging, reporting and control across all cloud environments.



CLOUDGUARD DOME9

Protecting your Cloud workloads and services is no longer complex. CloudGuard Dome9 is a cloud service that allows enterprises to easily manage the security and compliance of their public cloud environments at any scale across Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform (GCP).

It provides technologies to visualize and assess security posture, detect misconfigurations, model and actively enforce gold standard policies, protect against attacks and insider threats, leverage cloud security intelligence for cloud intrusion detection, and comply with regulatory requirements and best practices.



CLOUDGUARD SAAS

Organizations seeking to optimize business operations and reduce costs are increasingly moving to cloud applications via software-as-a-service (SaaS). However, SaaS applications expose businesses to a variety of risks ranging from email phishing attacks and zero-day malware, to SaaS account hijacking. CloudGuard SaaS, a SaaS in its own right, blocks attacks on SaaS applications and cloud-based email.

While most SaaS security solutions focus on application control and data leakage, CloudGuard SaaS takes security to the next level. More than just a Cloud Access Security Broker (CASB), CloudGuard SaaS prevents targeted attacks intended to steal data on SaaS. It provides complete protection against malware and zero-days, sophisticated phishing attacks, and hijacking of employee SaaS accounts. Users also gain instant visibility into unsanctioned SaaS applications in use ('Shadow IT') and data protection.

SUMMARY

Security is continually cited as a key barrier to wide-spread enterprise cloud adoption, yet traditional security approaches don't fit the dynamic nature of the cloud, leaving business exposed. Check Point CloudGuard delivers the industry's most advanced threat protection to keep cloud networks, data and applications protected from sophisticated Gen V cyberattacks. The comprehensive portfolio seamlessly integrates with the largest number of cloud platforms and cloud-based applications to instantly and easily protect any cloud service. What's more, only Check Point supports single-click and agile deployment models aligned with the dynamic nature of cloud services, making adoption and expansion of cloud services a breeze.

Don't let your guard down when it comes to securing your cloud services. Protect them with Check Point CloudGuard.

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