

# CloudGuard Network Security

## NGFW



## Security, Automated, Everywhere on AWS

### Why CloudGuard?

- Secure threat prevention with an excellent catch rate of malware, ransomware and other types of attacks.
- Recognized as a long-term leader by third-party analysts.
- Optimized for the cloud with the comprehensive protections of on-premises networks.
- Built for the dynamic and elastic nature of cloud infrastructure with agility, high availability and auto-scaling.
- Powered by Check Point ThreatCloud: powerful threat intelligence against unknown attacks.
- Advanced zero-day threat prevention with advanced Threat Extraction and Threat Emulation capabilities.
- Enables programmatic command and control of cloud-native security gateways.
- Collects and leverages contextual information about cloud configurations: using asset tags, objects, security groups and more to automatically adjust security policies after any changes in dynamic cloud environments.

### Product Overview

Migrating assets to the cloud, and keeping those assets protected, creates unique security challenges. Customers require advanced threat prevention capabilities and technologies to secure against increasingly sophisticated cyberattacks. CloudGuard Network Security for AWS delivers advanced, multi-layered network security for the AWS cloud environment and protects cloud assets. Security features include Firewall, IPS, Application Control, IPsec VPN, Antivirus and Anti-Bot.

### Product Features

#### Advanced Threat Prevention

CloudGuard provides the most secure threat prevention with industry-leading catch rate of malware, ransomware and other types of attacks.

- Highest security effectiveness score with 100% block rate, 100% malware prevention, 100% exploit resistance and 0% false positives.
- Security features: Firewall, DLP, IPS, Application Control, IPsec VPN, Antivirus and Anti-Bot, Threat Extraction and Threat Emulation.

#### Automated Network Security

Integrated with leading configuration management tools, CloudGuard supports rapid deployment, agility and automation of CI/CD workflows.

- Cloud security blueprint provides best practices for secure cloud design. Check Point supplies code to enable full automation.
- Enables rapid deployment via AWS Marketplace, using CloudFormation templates.

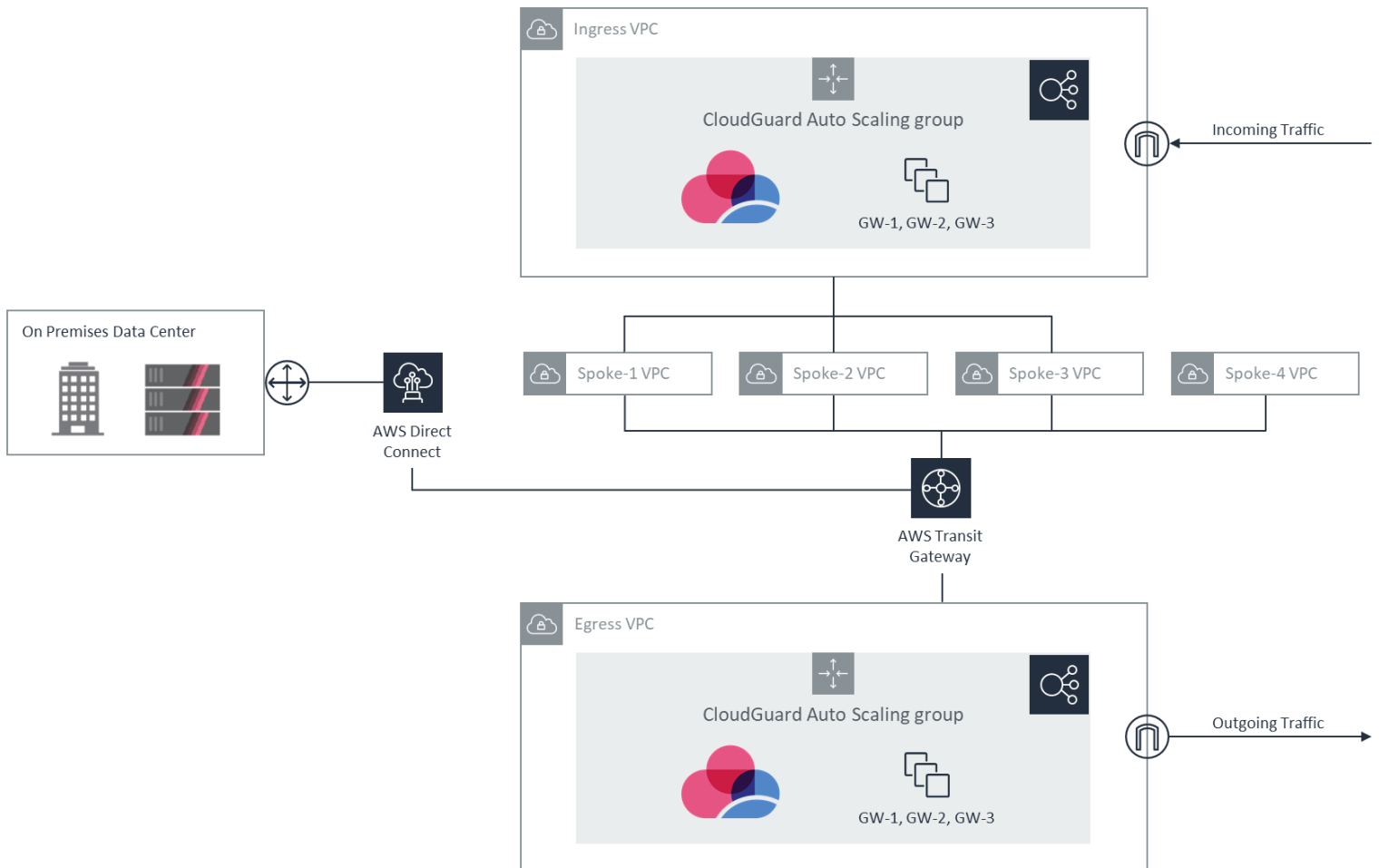
#### Unified Management Everywhere

Extends on-premises security posture to the cloud easily with consistent policy across AWS, on-premises, and private cloud environments.

- Provides consistent visibility, policy management, logging, reporting and control across all hybrid clouds and on-premises deployments.
- Ensures secure cloud migration and increases operational efficiency without the complexity of additional security solutions.

## How it works

Check Point CloudGuard Network Security is a cloud-native security gateway which delivers industry-leading advanced threat prevention together with automated and elastic cloud network security, automated at the speed of DevOps, and managed by unified security management over the widest range of hybrid clouds as well as on-premises deployments.



## Differentiators

- **Comprehensive threat prevention security:** Objective third-party lab tests show CloudGuard has highest security effectiveness score with 100% block rate, 100% malware prevention, 100% exploit resistance and 0% false positives; Check Point has spent 21 consecutive years as a Leader on the Gartner Magic Quadrant for Network Firewall, and has a Recommended rating by NSS Labs.
- **Powered by Check Point ThreatCloud for unknown attacks:** the world's most powerful threat intelligence inspects 4M files and receives updates from 100s of millions of global Check Point enforcement points/day.
- **Most flexible pricing and licensing model:** Check Point's licensing model is flexible and follows cloud business logic. Licenses are automatically allocated, centrally managed and can be shared between multiple cloud deployments.
- **Optimized for how real users work to solve real problems easily and efficiently:** Testing shows that CloudGuard is easiest to use over standard cloud network security use cases, in terms of time taken, number of mouse-clicks and number of menus navigated.

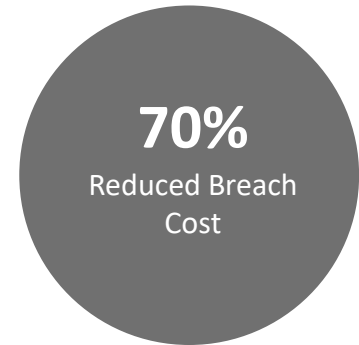
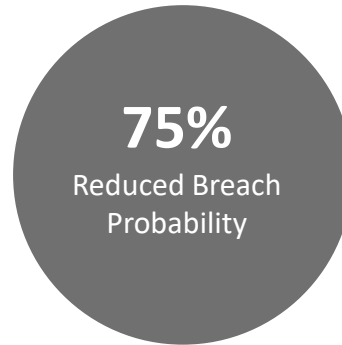
## What our customers are saying



*Check Point and AWS have released Xero from the constraints of traditional management and security practices.*

—Aaron McKeown, Head of Security Engineering and Architecture, Xero

## Data Points



Source: Forrester Total Economic Impact of CloudGuard Network Security, 2021

## Additional Resources

- [Solution Brief](#)
- [DevSecOps eBook](#)
- [Cloud Security Blueprint](#)
- [Customer Case Study](#)

| Product Technical Specifications                 | 2 vCPU<br>c5.large | 4 vCPU<br>c5.xlarge | 8 vCPU<br>c5n.2xlarge |
|--|--------------------|---------------------|-----------------------|
| Firewall   | 6.2 Gbps           | 8.6 Gbps            | 15.3 Gbps             |
| Firewall + IPS                                   | 4.0 Gbps           | 7.2 Gbps            | 13.2 Gbps             |
| NGFW (Firewall + IPS + Application Control)      | 2.8 Gbps           | 5.0 Gbps            | 11.3 Gbps             |
| NGTP (NGFW + URL Filter + Anti Virus + Anti-Bot) | 1.2 Gbps           | 2.4 Gbps            | 4.7 Gbps              |

Solution available in [AWS Marketplace](#)