MULTICLOUD CYBER SECURITY

Dynamic and Agile Security for Public and Hybrid Cloud Environments

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Enable **business agility**, streamline **processes**, enhance **competitive advantages**, and lower **IT costs**
The cloud enables businesses to deploy new applications and services more quickly and efficiently.
CURRENT STATE OF CLOUD SECURITY

NOT EVERY CLOUD HAS A SILVER LINING

And the hits just keep on coming . . .
CLOUD = SHARED RESPONSIBILITY

Cloud Provider responsible for security of the cloud

Customer responsible for security in the cloud
CLOUD NETWORKS ARE VULNERABLE

- Shared responsibility is unclear
- Increasingly sophisticated and automated attacks
- Lateral spread of threats
- Account hijacking
- Inconsistent tools for visibility, management, and reporting
TRADITIONAL SECURITY NOT DESIGNED FOR CLOUD

- Static controls
- Manually intensive
- Siloed disciplines
  - Lack of knowledge / expertise among DevOps
  - Lack of cloud knowledge/experience from IT security teams
CLOUD SECURITY RECOMMENDATIONS

1. COMPREHENSIVE PROTECTIONS
   Prevent attacks against cloud applications, data, and workloads

2. EASE OF OPERATIONS
   One-click deployment, auto-provisioning templates

3. CONSUME & CONTRIBUTE CONTEXT
   Adjust to dynamic nature of cloud

4. CENTRALIZED MANAGEMENT
   Single pane-of-glass experience across all clouds
CloudGuard Suite

Preventing attacks on SaaS applications and cloud-based email

Public Cloud - Access control and advanced threat prevention

Controller - Adaptive security for all major cloud providers

Private Cloud - Advanced threat prevention for East-West and North-South traffic

Visibility, compliance and governance, network security
CLOUDGUARD SOLUTION COMPONENTS

CloudGuard Gateway

- Comprehensive protections including: Firewall, IPS, AntiBot, AntiVirus, VPN, DLP, Content Awareness and SandBlast Zero-Day Protections
- Secure all traffic between applications inside the public cloud and across the hybrid cloud

CloudGuard Controller

- Automated security with unified management
- Context-aware policies and logs leveraging Azure defined objects
- Consolidated logging and reporting across private, public and hybrid clouds
- RESTful API integration with Security Center and more
ENHANCING NATIVE AZURE SECURITY

- Forensic Analysis
- Advanced Threat Prevention
- Application and Data Security
- Next Generation Firewall & VPN
- Access & Infrastructure Security
SECURITY AS DYNAMIC AS THE CLOUD

• Microsoft Preferred Solution
  – Proven customer benefits

• Azure Certified and Proven Customer Success
  – Reduced deployment complexity, seamless integrations

• Rapid and Easy Deployment
  – Single Click deployment from Azure Marketplace
  – Scripting tools, test drive (link)

• Supports Advanced Azure Features
  – Auto-scaling, Azure Security Center, Clustering, Multiple Availability Regions and more
Automated Security Architecture

- Security Blueprint for Azure
  - Northbound Hub
    - Secure all incoming traffic to Azure vNETs
  - Southbound Hub
    - Secure lateral traffic between spokes as well as traffic in/out of the corporate network AND outgoing traffic to the Internet or other cloud environments.
- Enables flexibility and systematic separation of communication types

Download the CloudGuard Security Blueprint for more information
CHECK POINT CLOUDGUARD FOR AZURE

DYNAMIC AND AGILE SECURITY AT THE SPEED OF DEVOPS

• Advanced protection against the most sophisticated attacks
• Security that adapts to application and infrastructure changes
• Unified visibility and control for all your cloud environments
• Architecture for True Secure DevOps
THANK YOU

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