



# CLOUD TIMES – YOU DESERVE THE BEST SECURITY

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YOU DESERVE THE BEST SECURITY

# Agenda

- Security Challenges in the Cloud
- CloudGuard Security solutions for Cloud



# Cloud is Taking Over The World

**67% OF ENTERPRISES ARE IN  
HYBRID CLOUD.**

**84% OF ENTERPRISES HAVE  
A MULTI CLOUD**

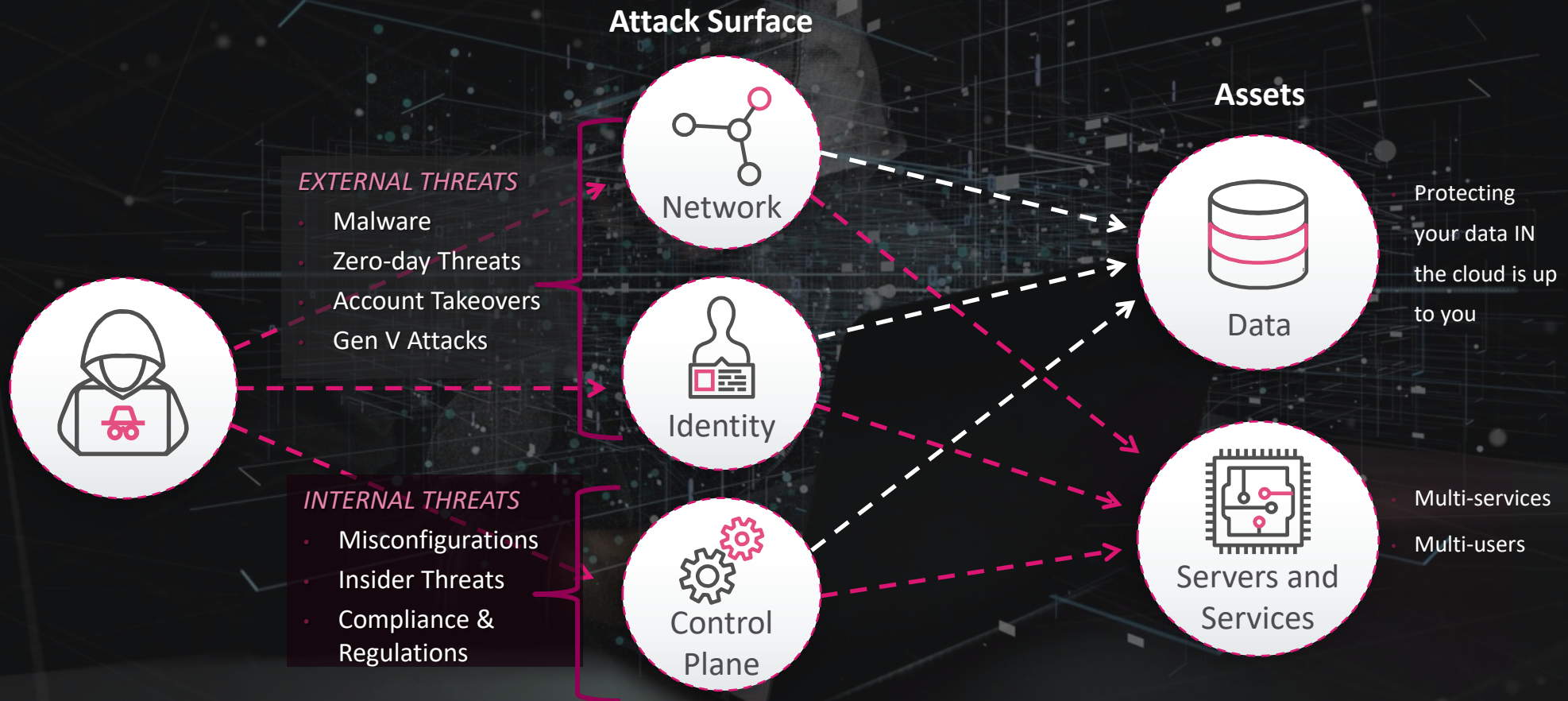
**81% OF ENTERPRISES RATE  
CLOUD SECURITY AS A  
SIGNIFICANT CHALLENGE**

**66% OF ENTERPRISES ALREADY  
HAVE A CENTRAL CLOUD TEAM OR  
CLOUD CENTER OF EXCELLENCE**



*Source: RightScale (Flexera)*

# Threat Landscape: Public Cloud




# The Public Cloud “Shared Responsibility Model”

## Gartner Predictions:


**Through 2025, 99% of cloud security failures will be the customer's fault**

Through 2025, 90% of the organizations that fail to control public cloud use will inappropriately share sensitive data.

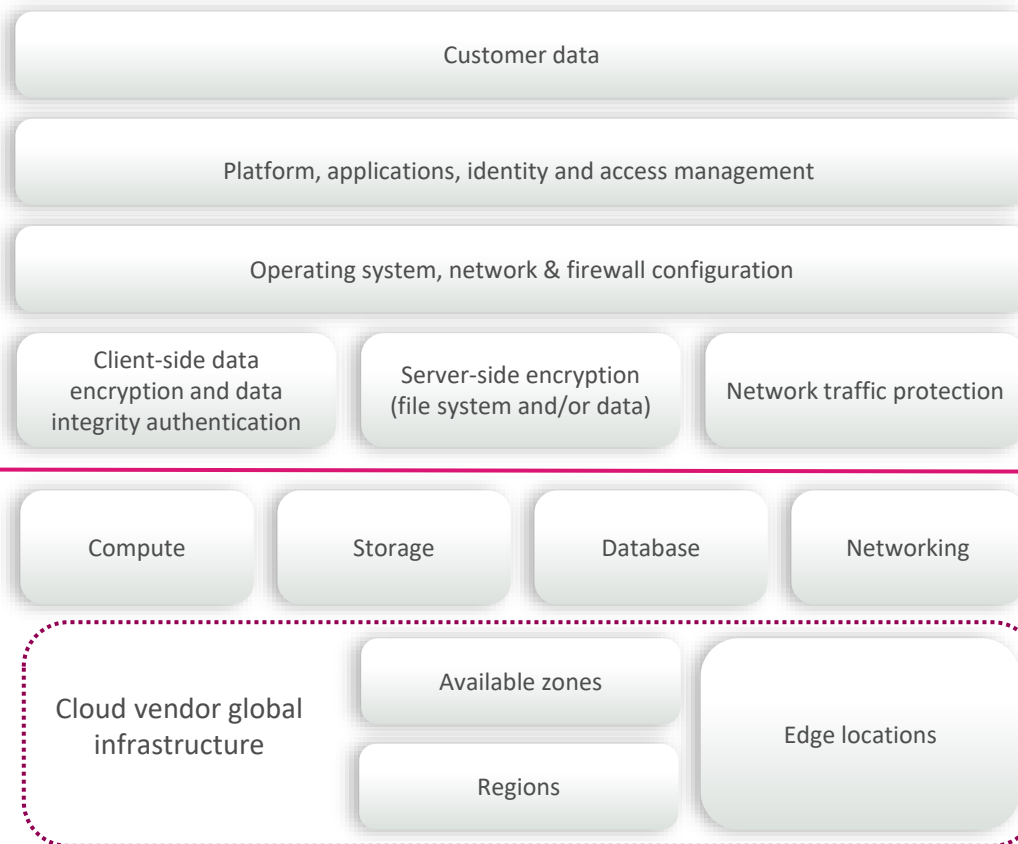

Through 2024, the majority of enterprises will continue to struggle with appropriately measuring cloud security risks



**Companies**  
Responsible for  
security “IN”  
the cloud



**Cloud Vendor**  
Responsible for  
security “OF”  
the cloud



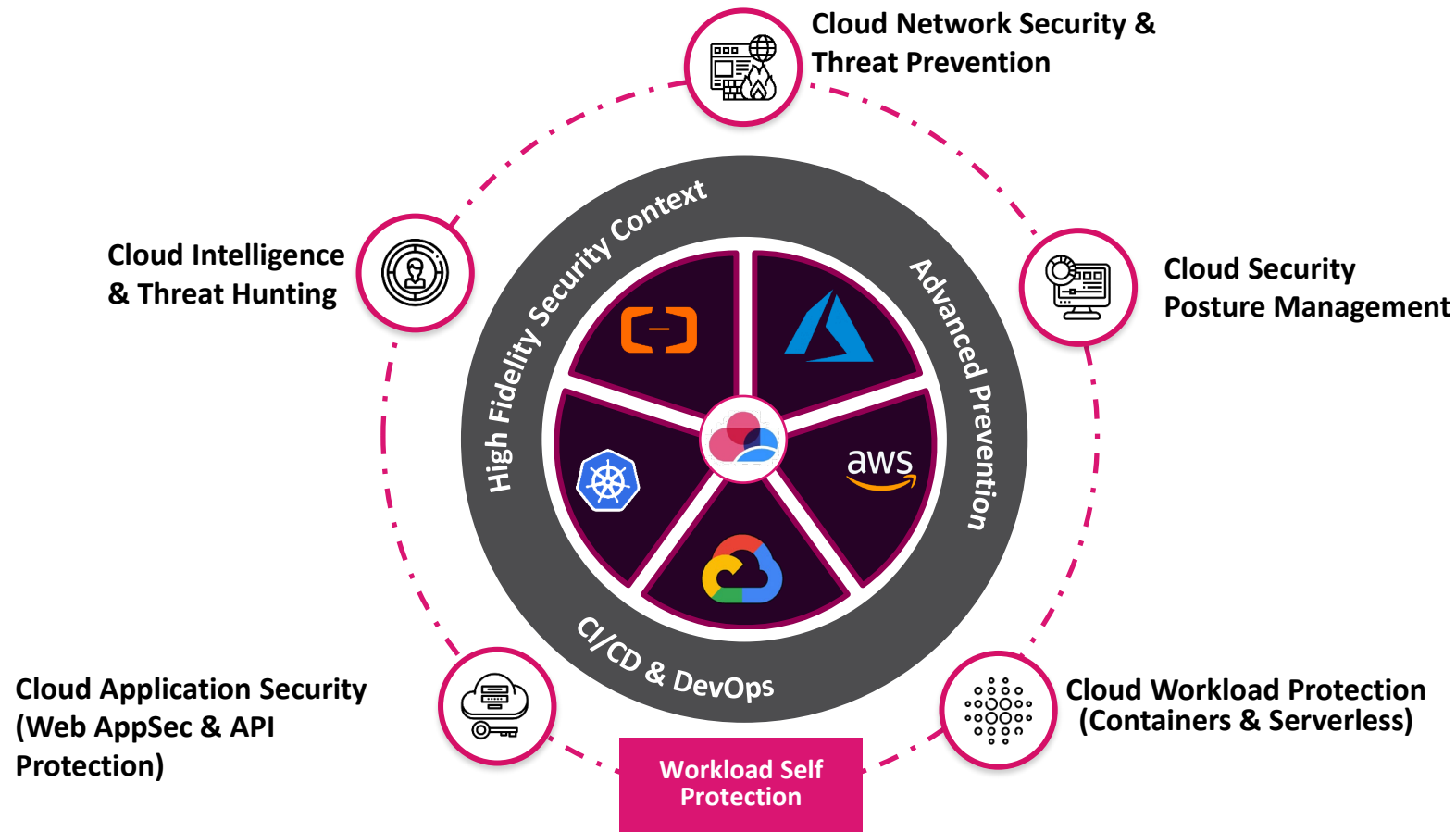


















# Unified Cloud - Native Security

YOU DESERVE THE BEST SECURITY

# ONE CloudGuard – Multi Cloud Security



# CloudGuard Network Security

#	Description	Notes	Download	Direct Launch
1	<b>Security Gateway</b> Deploys and configures a Security Gateway.	Creates a new VPC and deploys a Security Gateway into it.		<a href="#">Launch Stack</a> 
2	To deploy the Security Gateway so that it will be automatically provisioned, refer to <a href="#">sk131434</a> .	Deploys a Security Gateway into an existing VPC.		<a href="#">Launch Stack</a> 
3	<b>Security Cluster</b> Deploys and configures two Security Gateways as a Cluster.	Creates a new VPC and deploys a Cluster into it.		<a href="#">Launch Stack</a> 
4	For more details, refer to <a href="#">sk104418</a> .	Deploys a Cluster into an existing VPC.		<a href="#">Launch Stack</a> 
5	<b>Security Gateway Auto Scaling</b> Deploys and configures the Security Gateways as an AWS Auto Scaling group. For more details, refer to <a href="#">sk112575</a> .	Deploys an Auto Scaling group of Security Gateways into an existing VPC.		<a href="#">Launch Stack</a> 
6	<b>Transit Gateway Auto Scaling Group</b> Deploys and configures the Security Gateways as an AWS Auto Scaling group configured for Transit Gateway.	Creates a new VPC and deploys an Auto Scaling group of Security Gateways configured for Transit Gateway into it, and an optional, preconfigured Security Management Server to manage them.		<a href="#">Launch Stack</a> 
7	For more details, refer to <a href="#">AWS Transit Gateway R80.10 and above Deployment Guide</a> .	Deploys an Auto Scaling group of Security Gateways configured for Transit Gateway into an existing VPC, and an optional, preconfigured Security Management Server to manage them.		<a href="#">Launch Stack</a> 

1

Unified **management** of cross environment policies

2

Threat Prevention for N/S and E/W  
dGuard security

3

DevSecOps and Automation  
NSX openstack.

4

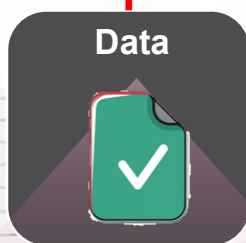
Simple deployment with templates  
nuagenetworks VMware Cloud for AWS



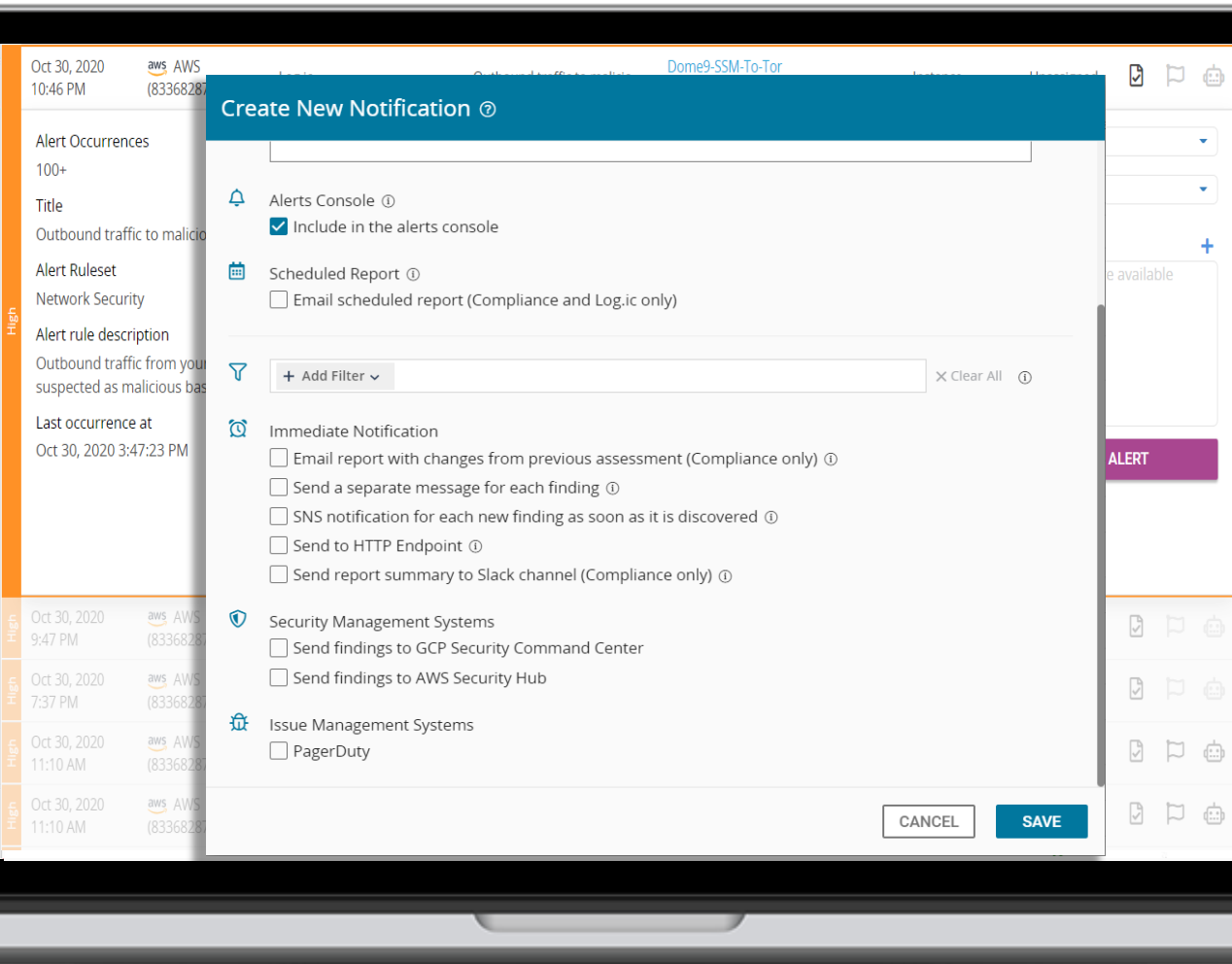
# Check Point Management: One Policy to Manage Everything



Name	Source	Destination	Services & Applications	Data	Action	Install On
Outbound access	production_net	Internet	* Any	* Any	AccessSubLayer	* Policy Targets
Social media for marketing	marketing_role John	Internet	Twitter LinkedIn Instagram	* Any	Accept	SG13800
Developers upload	developer_role	Internet	Dropbox Box	Any Direction Source Code - JAVA	Accept	SG13800 CapsuleCloud
Access Sensitive Servers	* Any	* Any	* Any	* Any	SensitiveServers	* Policy Targets
Mobile Access	Mobile Devices	MailUS	MailServer	* Any	Accept	Mobile
Access to Web Server	* Any	WebServer	https	* Any	Accept	AWS VMWare



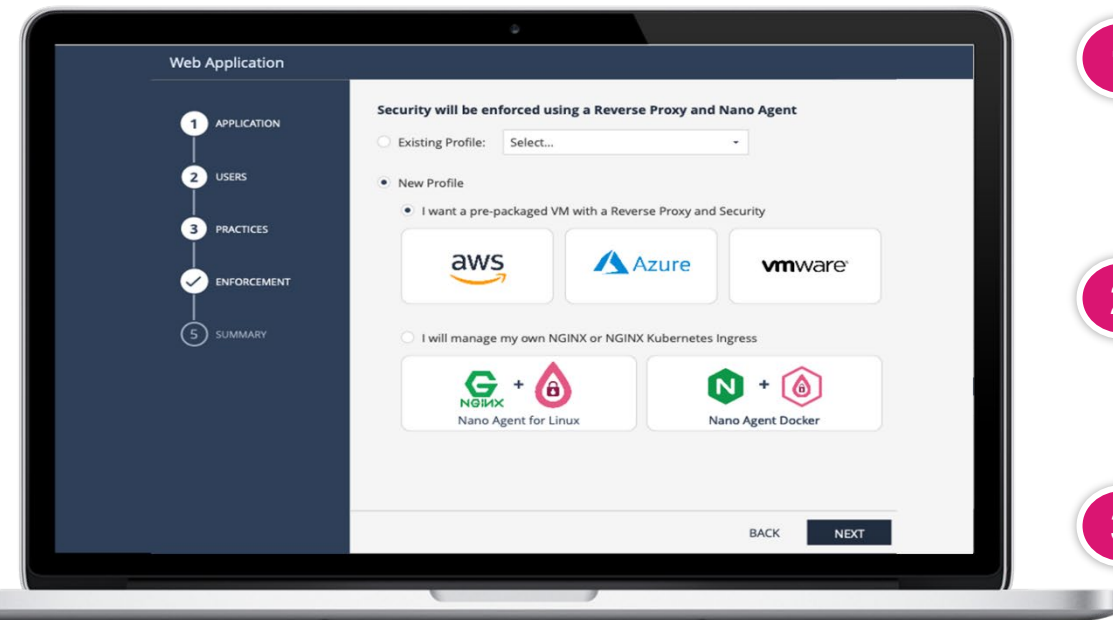
# Posture



- 1 Multi-Cloud Visibility and Customized Dashboards
- 2 Visualization
- 3 Continuous Compliance with pre-built rulesets
- 4 Customized Rules
- 5 Detailed Compliance Reports
- 6 Automatic Remediation
- 7 Tamper Protection
- 8 Privilege Escalation Protection
- 9 Alerts, Notifications, and Integrations

# Workload – App & API Self Protection

Workload Protection starts with the workload



1

Protect **web applications & API** based on machine learning

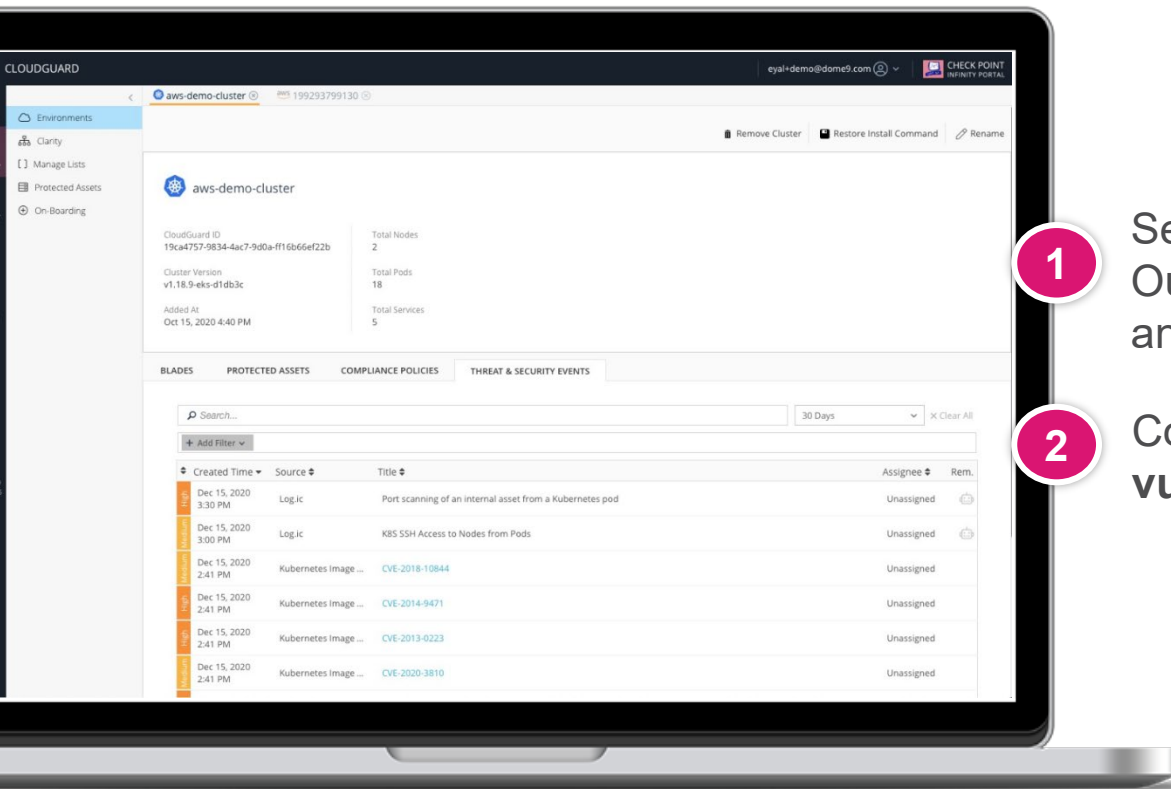
2

Fully automated, low administration **AppSec**

3

Cloud Native Deployment Options

# Workload Protection – Containers



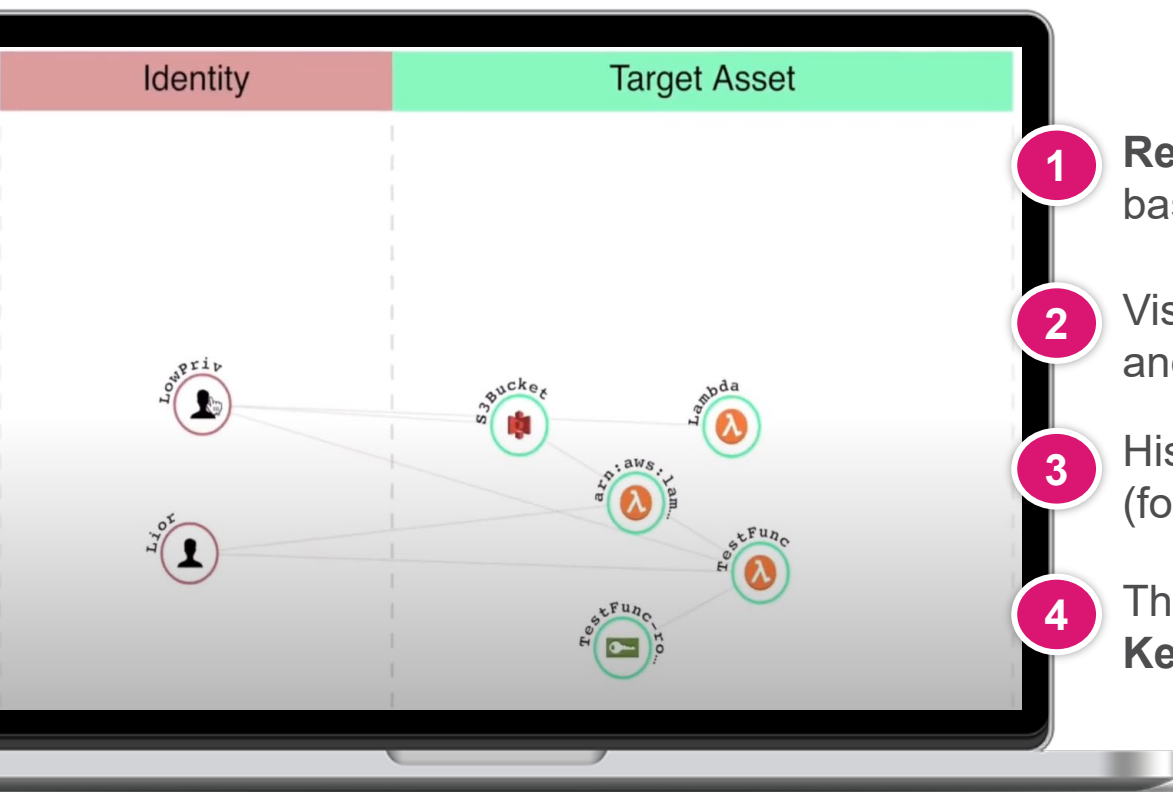
1

Security and Compliance **rulesets** –  
Out-of-the-box support for **NIST 800-190**  
and **CIS Benchmarks for K8S**

2

Continuously **scan containers** for  
**vulnerabilities** and **potential threats**

# Cloud Threat Intelligence and Response



1

**Real Time Alerts** about ongoing incidents based on **MITRE ATT&CK framework**

2

Visualize **Traffic and Activity** – **clickable** and **intuitive** investigation experience

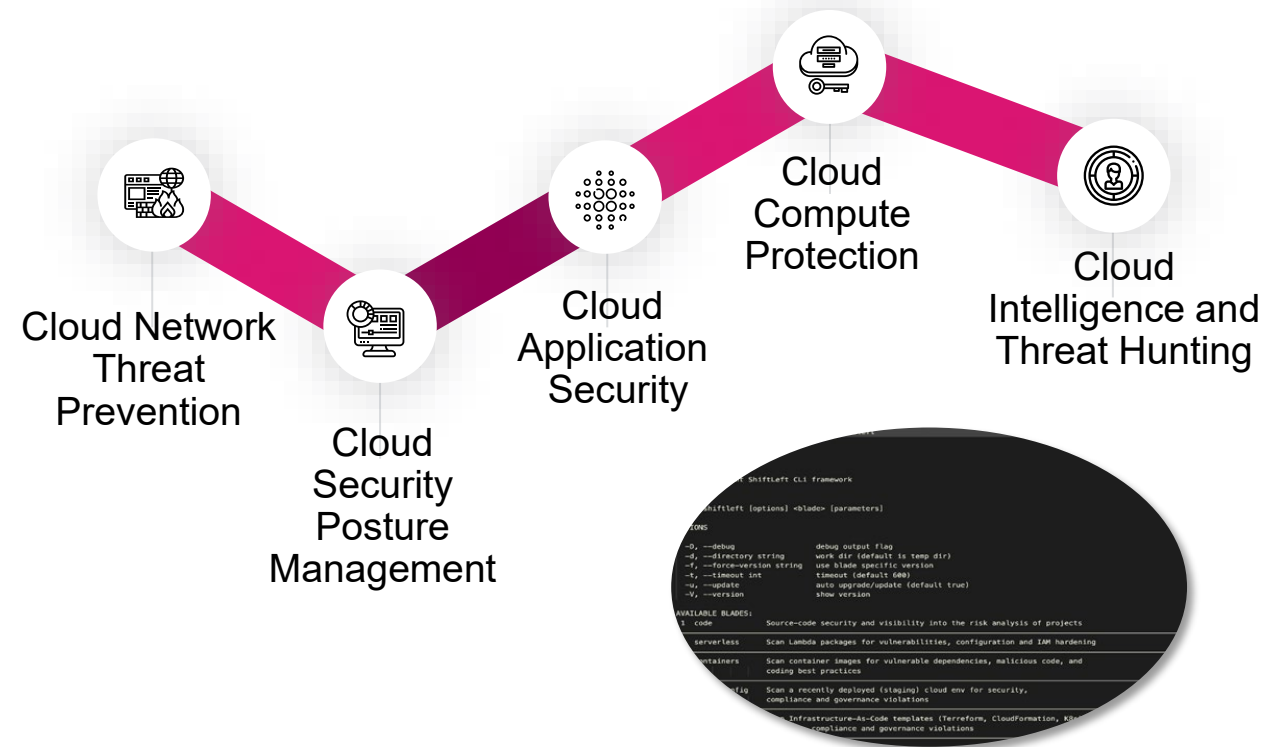
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Historical **Enriched Data** (for as long as you need it)

4

The Only Solution to Visualize **User, Access Key and Console access** to your environment

# Cloud Journey Shift Left Security



## DevSecOps and Automation



### Fundamentals

- 1 Unified tool for 'everything' DevSecOps**  
Single CI/CD CLI tool, unified API
- 2 Unified shift-left security**  
IaC scanning, workload scanning, code scanning
- 3 Unified security automation**  
Deployment as code, workload protection instrumentation



**THANK YOU**