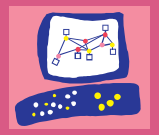

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SECURING THE CLOUD WITH CHECK POINT CLOUDGUARD

Richard Flanders | Head of Cloud SecurityUK

WELCOME TO THE FUTURE OF
CYBER SECURITY

POWERED BY CHECK POINT INFINITY

CLOUD • MOBILE • THREAT PREVENTION

Don’t Envy the CISO

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COMPUTERWORLD FROM IDG

Jan 19, 2017 Attackers start wiping data from CouchDB and Hadoop databases

DARK Reading

Feb 16 2017 The Era of Data-Jacking is Here. Are You Ready?

eSecurity Planet

Jul 12 2017 Cloud Security Failure: Millions of Wrestling Fans' Personal Data Exposed

threatpost

Jul 12 2017 Misconfigured Amazon Storage Exposes 14 Million Verizon Customer Records

SC MAGAZINE FOR IT SECURITY PROFESSIONALS

Jun 1 2017 Booz Allen Hamilton leaves 60,000 unsecured DOD files on AWS server

siliconANGLE

Apr 3 2018 37M Panera Bread customer records found to be exposed to all and sundry in the cloud

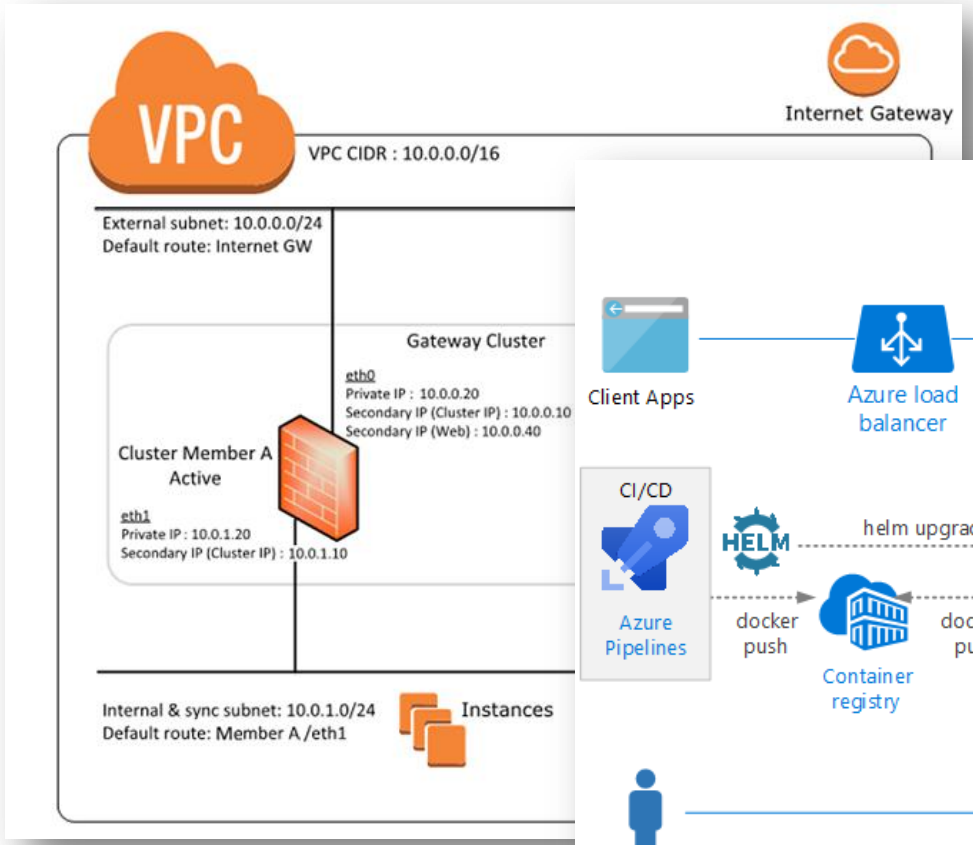
Forbes

Dec 19, 2017 120 Million American Households Exposed In 'Massive' ConsumerView Database Leak

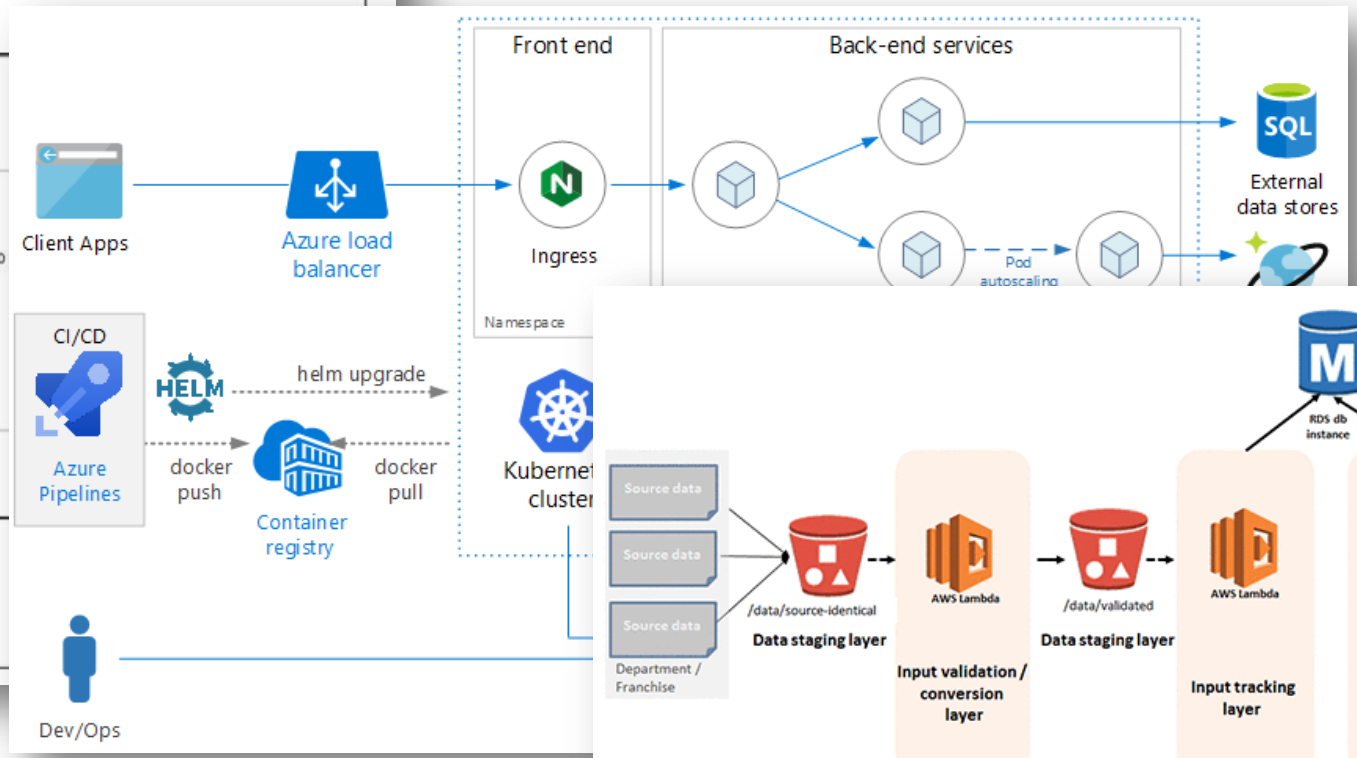
THE HILL

Jul 17 2017 Dow Jones customer data exposed in cloud error

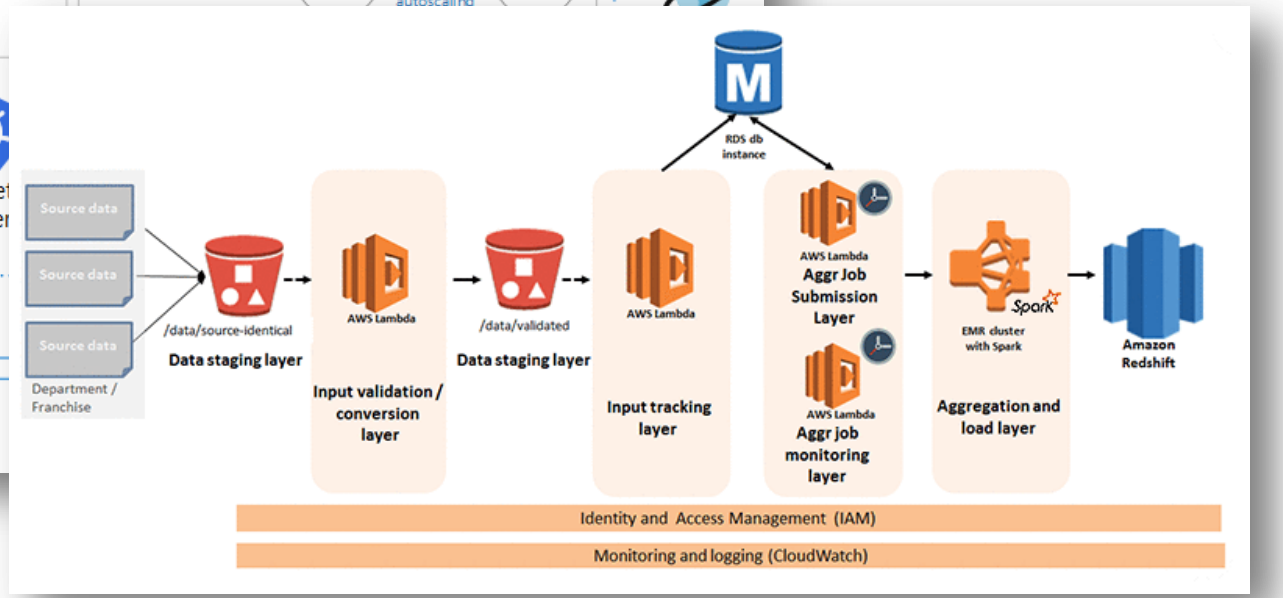
Architectures Moving Fast



Traditional



Containers



Server-less

Public Cloud Further Changes the Game

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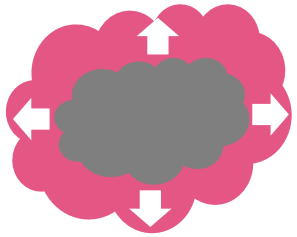
- Cloud-native: Everything as a service
  - Load balancers, Data and DBs, File systems, Storage, Identity, etc.
- Elastic & Ephemeral Infrastructure
  - Auto Scaling models with Short-lived Entities
- Multi-Cloud makes it even more Complex

Watch “The Perimeter is Dead. Long Live the Perimeters!”
https://www.youtube.com/watch?v=nvVI3azDmOQ

Cloud Security Key Challenges

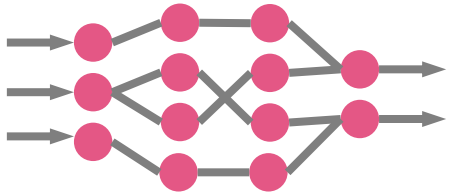
Cloud environments are dynamic



Cloud Security Should….

Prevent fatal misconfigurations, enforce strict security posture

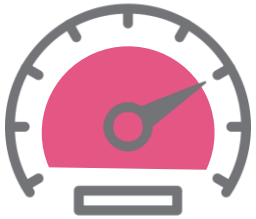
Cloud applications have evolved



Cloud Security Should….

Actively protect workloads and cloud services from modern attacks

Security should not slow down cloud innovation



Cloud Security Should….

Enable the cloud to stay agile and elastic

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Protection for private and public cloud networks

- Advanced threat prevention
- Next Gen Firewall (NGFW)
- Application and data security
- Forensic analysis
- Dynamic policies
- Comprehensive Networking

Introducing

Check Point **CloudGuard Dome9**

CHECK POINT CloudGuard Dome9

Security for the Public Cloud Native Controls Delivered as a Service

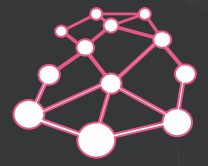
aws

Microsoft Azure

Google Cloud Platform

Introducing

Check Point **CloudGuard Dome9**



Network Security

Continuous Compliance

Privileged Identity Protection

Cloud Threat Intelligence

Protecting your Cloud workloads and services is no longer complex. Get full security visibility & control with continuous compliance

Complete Network & Security Visibility

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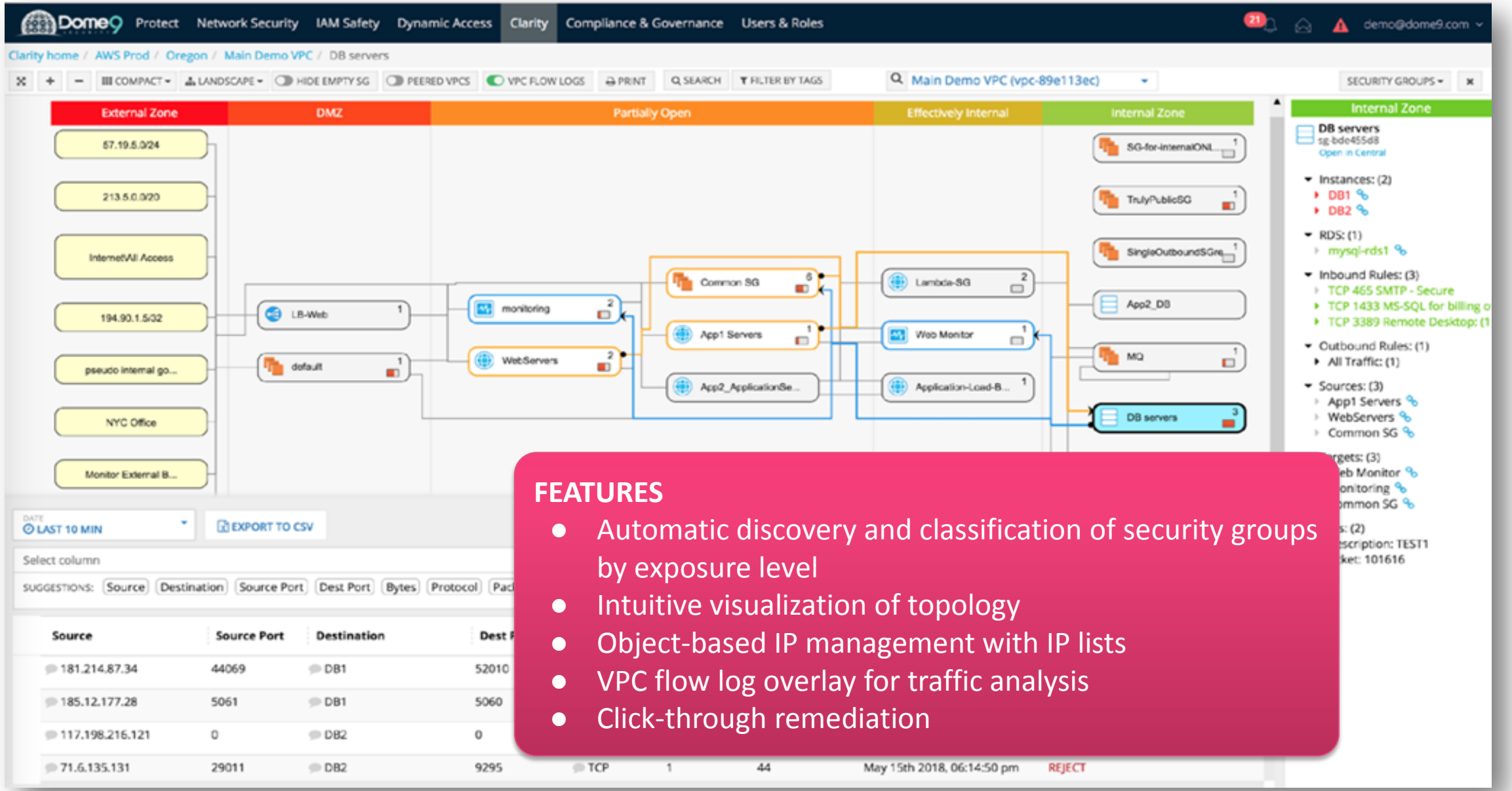

FEATURES

- Automatic discovery and classification of security groups by exposure level
- Intuitive visualization of topology
- Object-based IP management with IP lists
- VPC flow log overlay for traffic analysis
- Click-through remediation

Cloud Compliance and Best Practices

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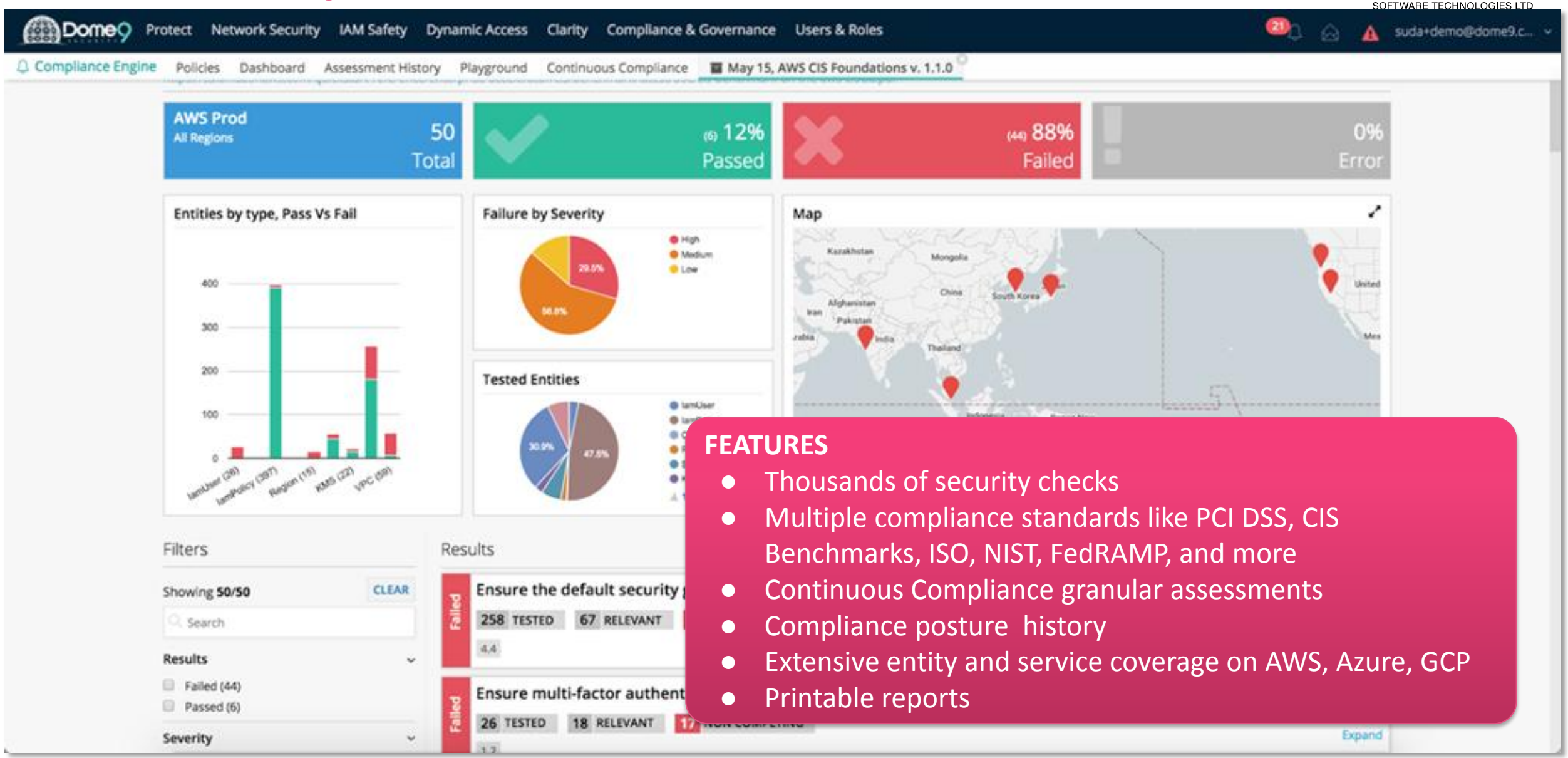

FEATURES

- Thousands of security checks
- Multiple compliance standards like PCI DSS, CIS Benchmarks, ISO, NIST, FedRAMP, and more
- Continuous Compliance granular assessments
- Compliance posture history
- Extensive entity and service coverage on AWS, Azure, GCP
- Printable reports

Automate Compliance with Continues Compliance and CloudBots Remediation

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Ensuring Compliance of Thousands of Cloud configuration settings

cloudbots

Automated Compliance

pd Jira servicenow slack

Governance and Compliance Knowledge Base

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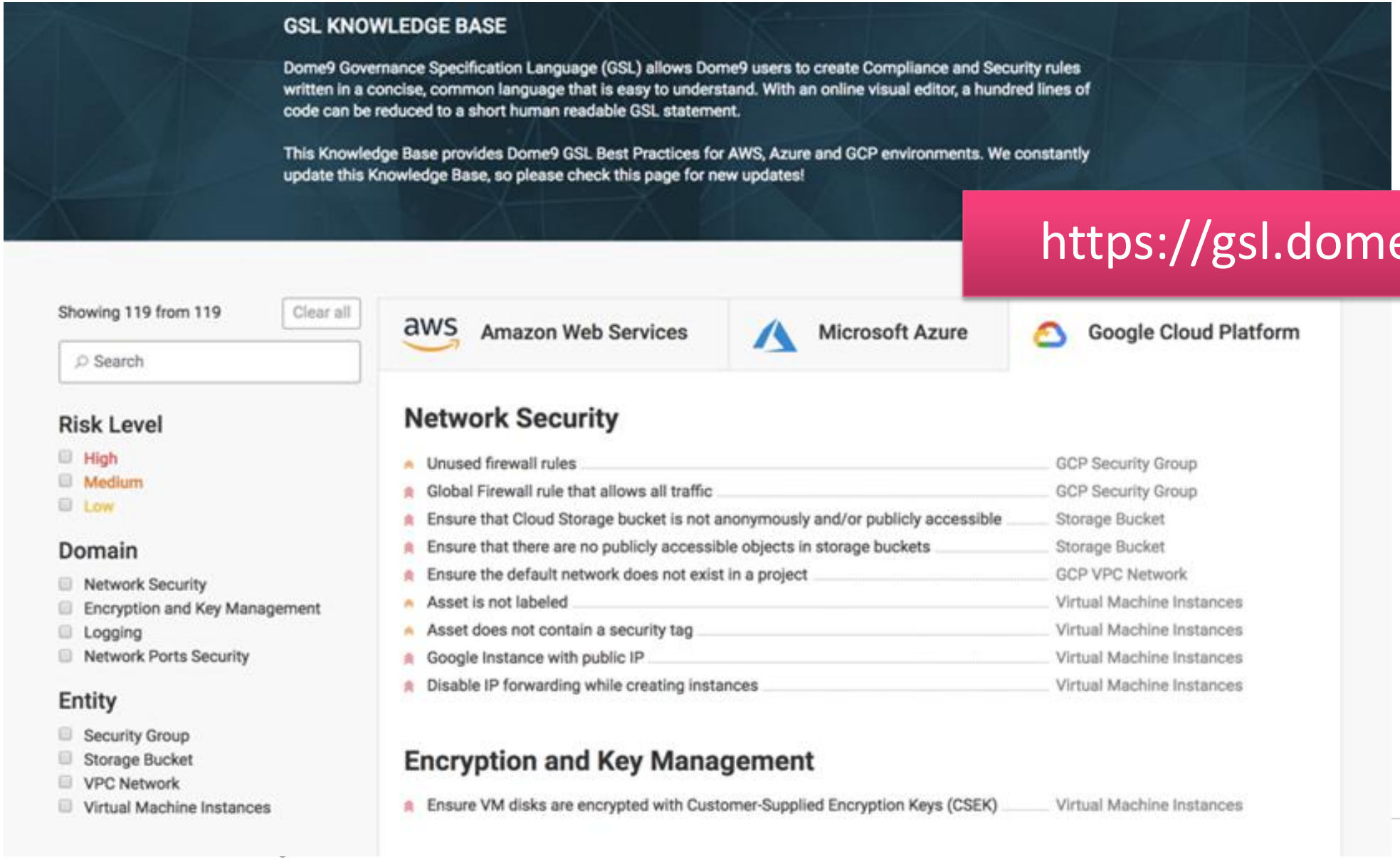
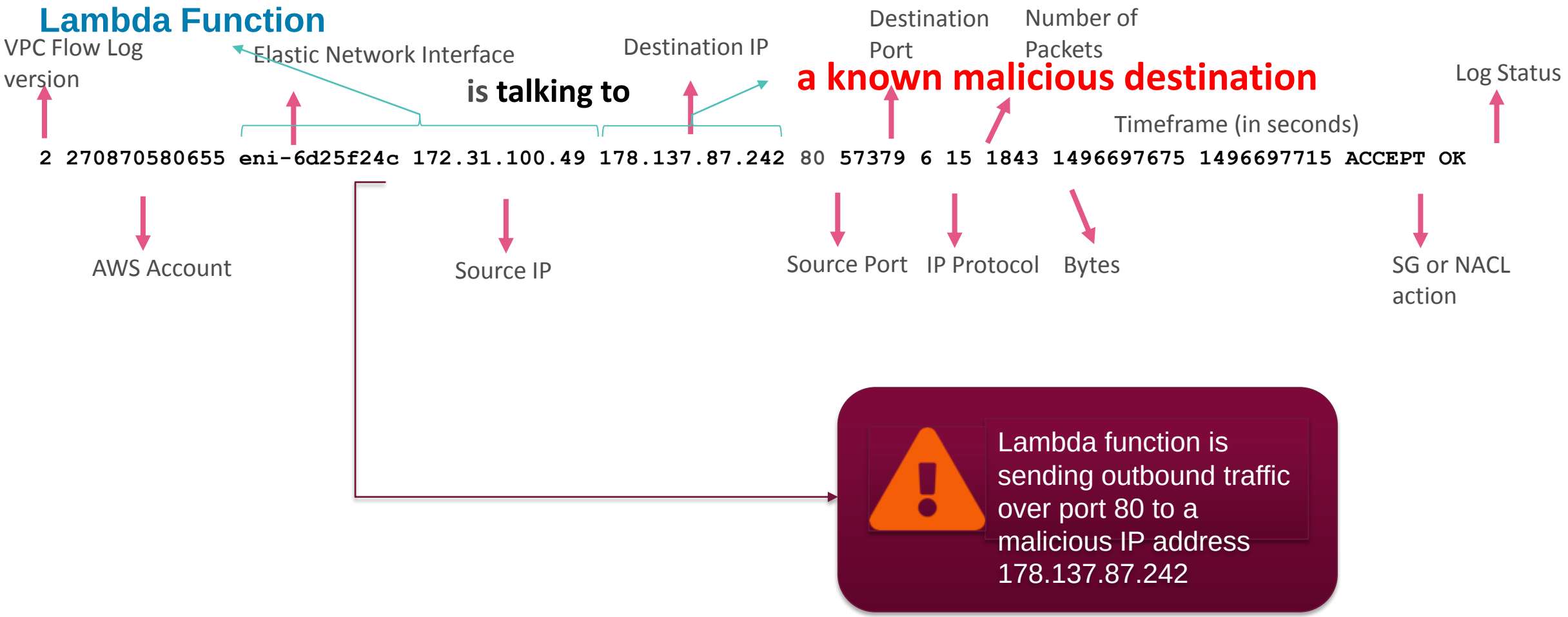
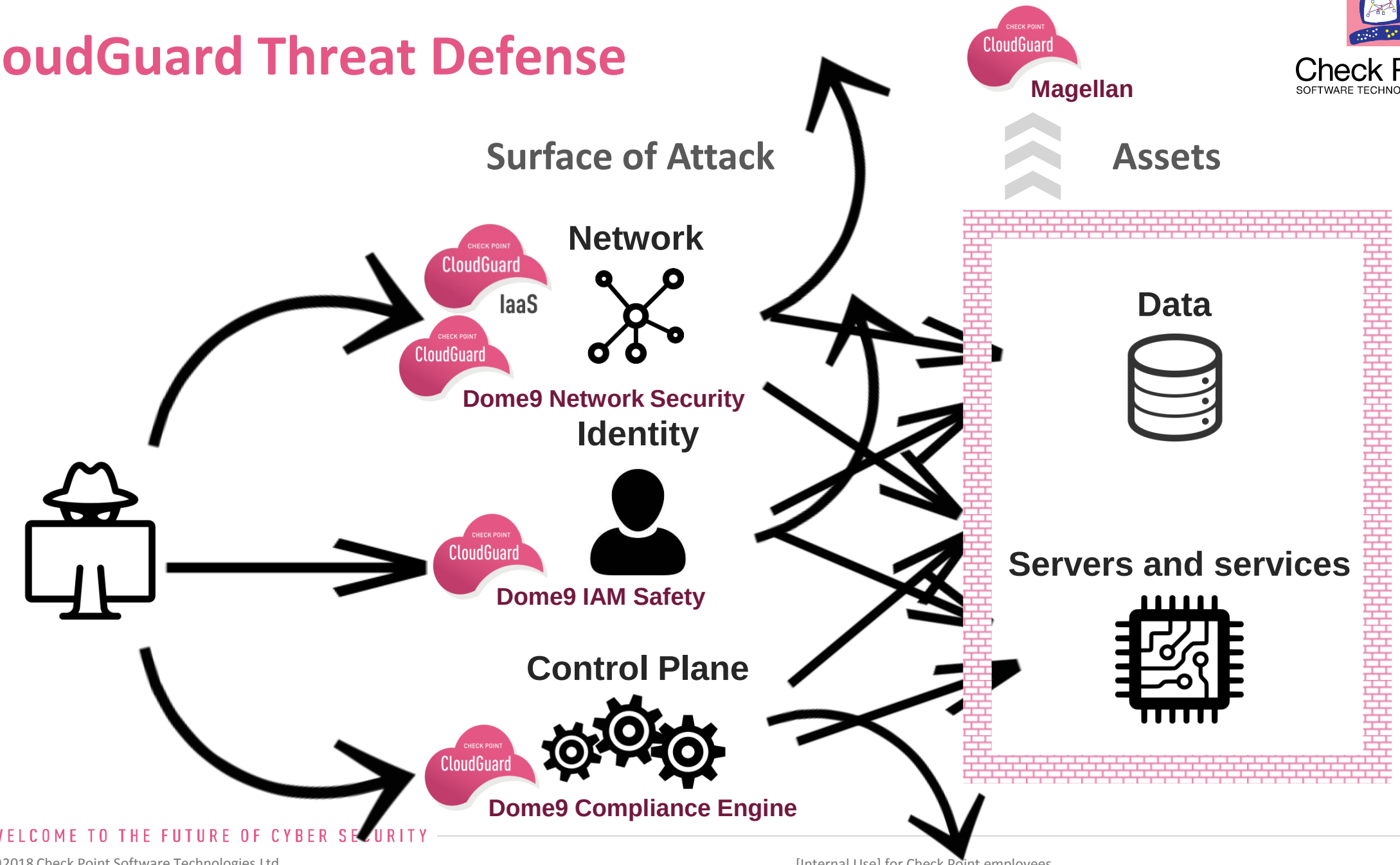


Analyzing Cloud Traffic Is Hard



CloudGuard Threat Defense



CloudGuard: Comprehensive Multi-Cloud Security

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CHECK POINT CloudGuard IaaS

- Market-leading threat prevention – anti-bots, IPS, anti-malware, AV and more
- Securely connect your hybrid cloud
- Adaptive policy for macro-segmentation

CHECK POINT CloudGuard Dome9 SECURITY

- Full security visibility and control
- Cloud services and applications are never exposed
- Continuous compliance for cloud native services
- Auto-remediation of security misconfigurations
- Active protection against identity theft and data loss

Proven Success with Over 300 Enterprise Customers

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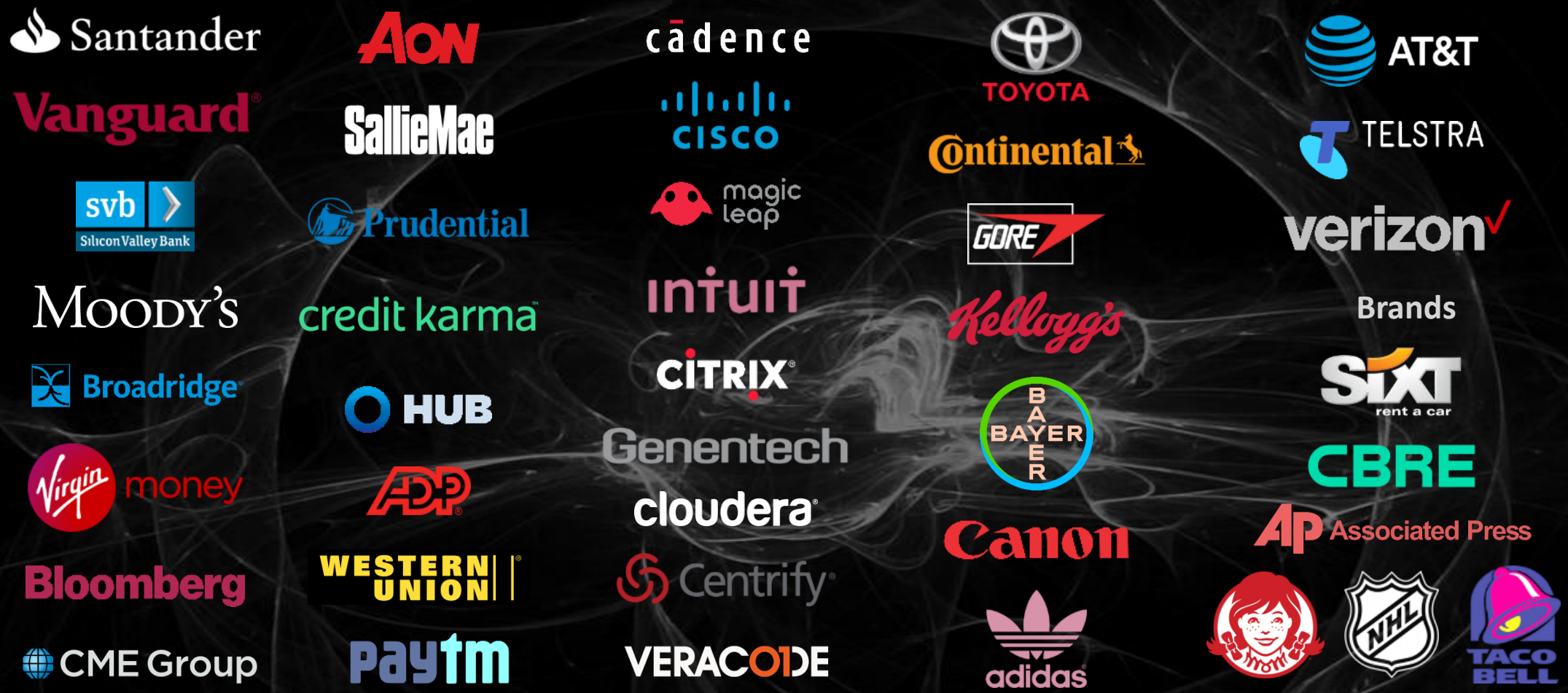

2019 Cloud Offering

Protecting enterprise data by preventing targeted attacks on SaaS applications and cloud-based email

Protecting public & private cloud networks with advanced threat prevention, network segmentations and policies that span across multiple clouds and hybrid environments

Protecting against cloud configuration mistakes, identity theft and data loss. Delivers full visibility and control of network security posture, and best in class governance and compliance

360° Cloud Security

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Zero Day Protection
Anti-Phishing
Identity Protection
Data Leakage Protection
Shadow IT Discovery
Anomaly Detection

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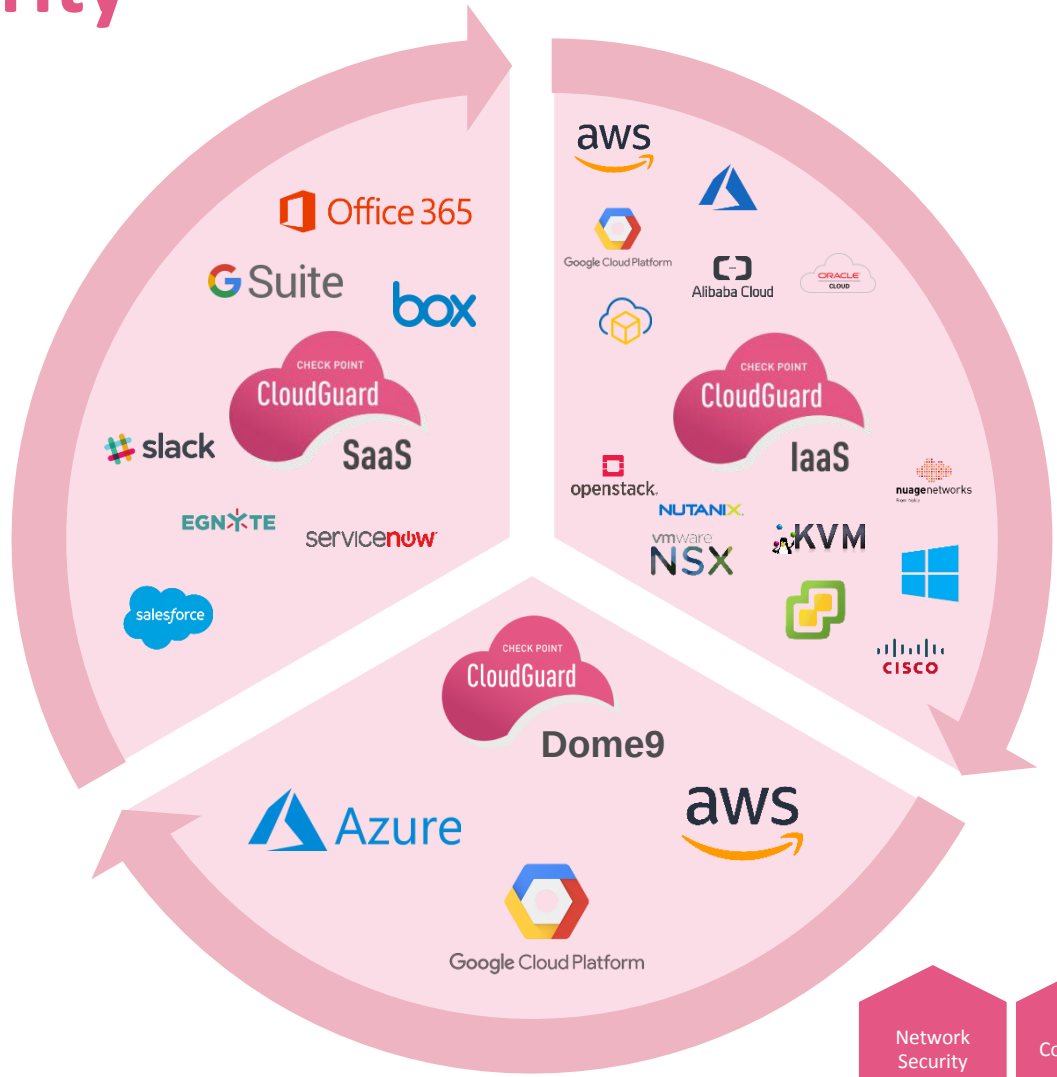
THREATCLOUD



Centralised Management with API
Centralised Logging
IPS
URL Filtering
Application Control
Anti-Virus Anti-Bot
Data Loss Protection
Auto Provisioning
Controller
Advanced Threat Protection

Network Security
Compliance
IAM
Inventory
API Driven

Chart source information goes here

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THANK YOU!

Securing the Cloud with Check Point CloudGuard

Richard Flanders | Head of Cloud UK

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CYBER SECURITY
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CLOUD • MOBILE • THREAT PREVENTION