

Herzlich willkommen
zum Live-Webcast

Transparenz, Sicherheit und Compliance in der Cloud



Sprecher:

Harold Butzbach

District Sales Manager CEUR &
EEUR, Prisma Cloud,
Palo Alto Networks



Thomas Nordmann

Presales Systems Engineer,
Palo Alto Networks



Moderator: Martin Seiler

Heise Business
Services

Prisma Cloud

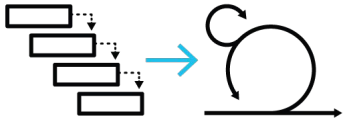
Comprehensive Cloud Native Security.
Full Lifecycle, For Any Cloud.



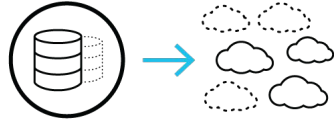
Harold Butzbach - District Sales Manager, CEUR & EEUR, Prisma Cloud
Thomas Nordmann - Presales Systems Engineer, CEUR Central

October 2021

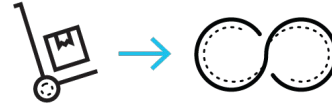
Cloud is modernizing the software development lifecycle



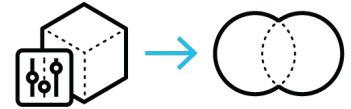
**Waterfall
to agile**



**Monolith to
microservices**



**Batch releases
to DevOps**



**Custom to Common
Cloud Operating
Model**

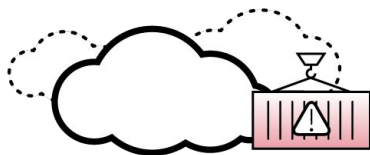
With cloud innovation come security challenges



Insecure Configurations

42%

of CloudFormation
templates are insecure



Vulnerable Defaults

51%

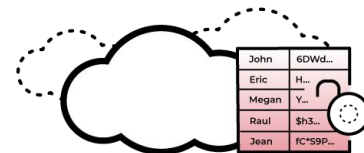
of exposed Docker
containers use insecure
defaults



Host Vulnerabilities

24%

of exposed cloud hosts
have known
vulnerabilities



Compliance Risks

43%

of cloud databases
are not encrypted

SOURCE: Palo Alto Networks Unit 42 research

Prisma Cloud:

Our vision for public cloud security



Comprehensive

Consistency across tech stacks, clouds, and app components



Best-in-Class

Each capability best by itself, and made better through integration

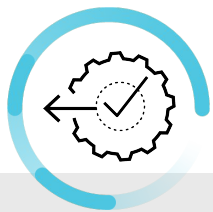


Full Application Lifecycle

Integrated from left to right, not only at runtime



Prisma Cloud: Comprehensive Cloud Native Security Platform (CNSP)



DevSecOps

Integrate and perform infrastructure and application security in the CI/CD pipeline



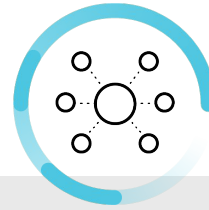
Cloud Security Posture Management

Monitor posture, detect and respond to threats, maintain compliance



Cloud Workload Protection

Secure hosts, containers, and serverless across the application cycle



Cloud Network Security

Monitor and secure cloud networks, enforce microsegmentation



Cloud Infrastructure Entitlement Management

Enforce permissions and secure identities across workloads and clouds

IaC Security

Visibility, Compliance & Governance

Threat Detection

Data Security

Host Security

Container Security

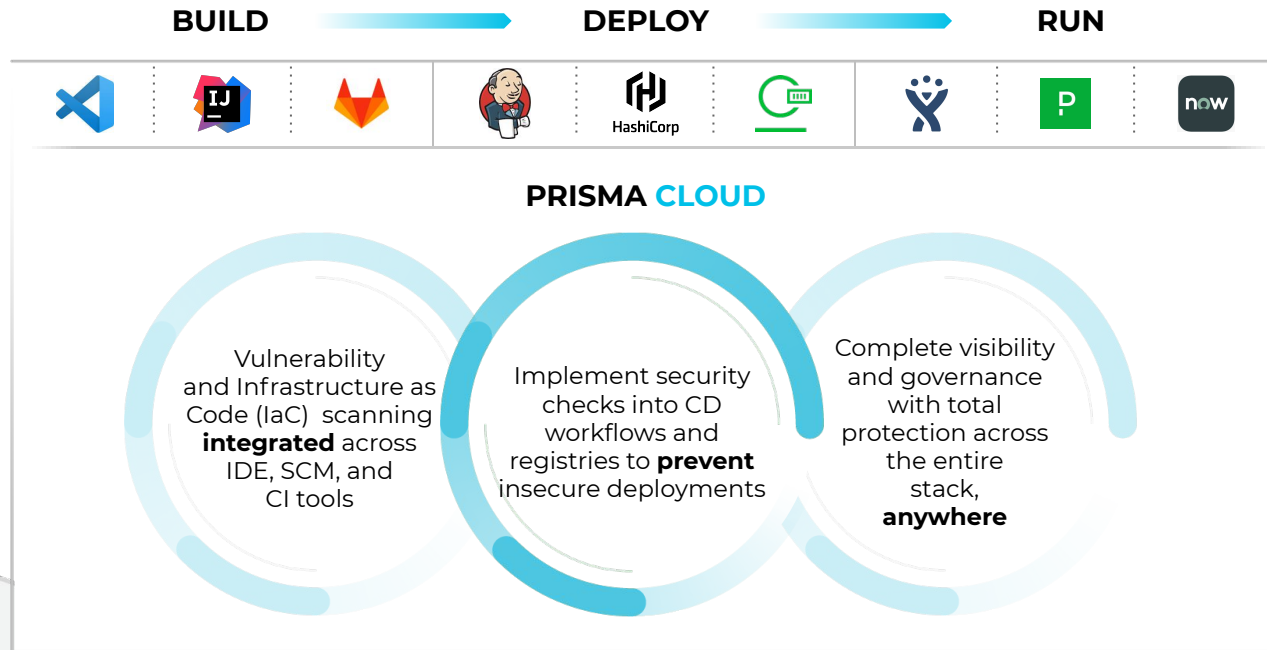
Serverless Security

Web Application & API Security

Identity-Based
Microsegmentation

IAM Security

Prisma Cloud - Full Lifecycle, Full Stack, Any Cloud



vmware®

aws



Azure



























ORACLE
Cloud Infrastructure

Alibaba Cloud

docker



Supporting any cloud or stack environments

DevOps integrated	 Bitbucket	 circleci	GitHub	 GitLab	 HashiCorp		
Computing platforms supported	 AWS Fargate	 AWS Lambda	 Azure Kubernetes Service (AKS)	 docker			 OPENSIFT
Data locations (SaaS)	 NAM	 EU	 CHINA	 AU	 SG	More coming soon...	
Public clouds supported	 aws	 Google Cloud	 Azure	 ORACLE Cloud Infrastructure	 Alibaba Cloud		
Deployment options	 SaaS	 Self-managed*			 FedRAMP Authorized		

Prisma Cloud

Secures the most cloud application workloads

74%

**of Fortune 100
rely on Prisma Cloud¹**

2000+

**customers trust
Prisma Cloud¹**

2M+

**workloads
secured**

2.5B+

**resources
monitored¹**

10B+

**Daily audit logs
processed**

~1TB

**Daily flow logs
processed**

1. [Source:](#) Palo Alto Networks Q2FY21 Earnings Call | February 22, 2021

2. [Source:](#) Palo Alto Networks Q4FY20 Earnings Call | August 24, 2020

Prisma Cloud

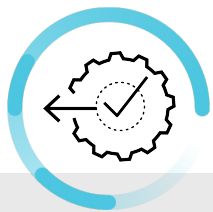
Customers worldwide **trust** us to secure their cloud environments

BANKING & FINANCE									
TECHNOLOGY									
HEALTHCARE									
MEDIA & RETAIL									
GOVERNMENT									
INDUSTRIAL & TELECOM									

Prisma Cloud Comprehensive Cloud Native Security.

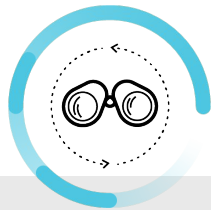
Full Lifecycle. For Any Cloud.

Prisma Cloud: Comprehensive Cloud Native Security Platform (CNSP)



DevSecOps

Integrate and perform infrastructure and application security in the CI/CD pipeline



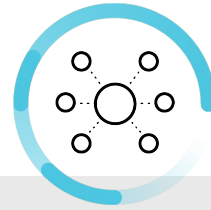
Cloud Security Posture Management

Monitor posture, detect and respond to threats, maintain compliance



Cloud Workload Protection

Secure hosts, containers, and serverless across the application cycle



Cloud Network Security

Monitor and secure cloud networks, enforce microsegmentation



Cloud Infrastructure Entitlement Management

Enforce permissions and secure identities across workloads and clouds

IaC Security

Visibility, Compliance & Governance

Threat Detection

Data Security

Host Security

Container Security

Serverless Security

Web Application & API Security

Identity-Based
Microsegmentation

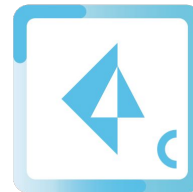
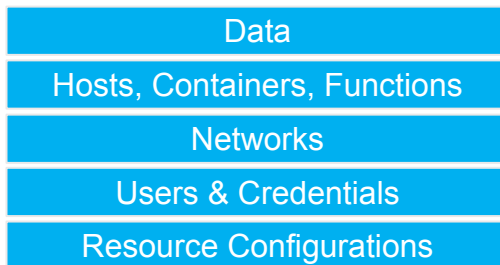
IAM Security

Public cloud security is a shared responsibility

Organization



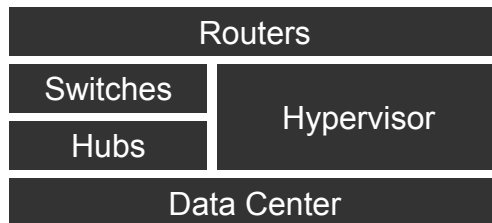
Responsible
for security **in**
the cloud



Cloud Service Provider



Responsible
for security **of**
the cloud



Key requirements for Cloud Security Posture Management



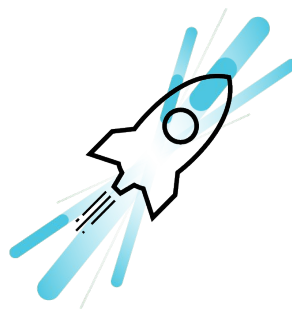
Comprehensive Coverage

Comprehensive visibility, detection, and response across any compute, network and cloud service.



Full Lifecycle Security

Eliminate issues early and prevent alert fatigue by integrating security across the entire lifecycle, from IDE, CI/CD, registries, to runtime.



Any Cloud, Any Stack

Monitor and secure multi- and hybrid cloud environments with a single, integrated platform.



Cloud Security Posture Management Capabilities

Visibility, Compliance, and Governance

Establish guardrails and maintain compliance across public clouds

Threat Detection

Detect and respond to threats across clouds with network anomaly detection and UEBA

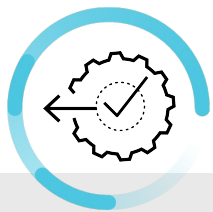
Data Security

Data classification and malware scanning across public cloud storage



DEMO

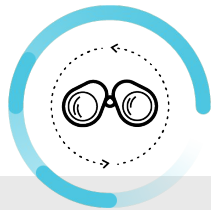
Prisma Cloud: Comprehensive Cloud Native Security Platform (CNSP)



DevSecOps

Integrate and perform infrastructure and application security in the CI/CD pipeline

IaC Security



Cloud Security Posture Management

Monitor posture, detect and respond to threats, maintain compliance

Visibility, Compliance & Governance

Threat Detection

Data Security



Cloud Workload Protection

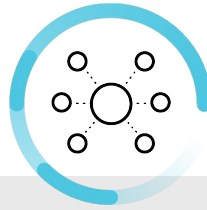
Secure hosts, containers, and serverless across the application cycle

Host Security

Container Security

Serverless Security

Web Application & API Security



Cloud Network Security

Monitor and secure cloud networks, enforce microsegmentation

Identity-Based Microsegmentation



Cloud Infrastructure Entitlement Management

Enforce permissions and secure identities across workloads and clouds

IAM Security

Key Challenges For Cloud Workload Protection



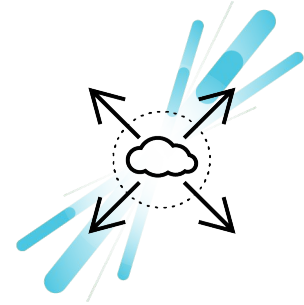
A Growing Number of Entities to Secure

Cloud services, along with growing IaaS, PaaS, and CaaS environments, lead to a huge estate for security teams to protect



Environments are Constantly Changing

Developers and Devops are building and deploying at a frantic pace, often without security guidance or controls



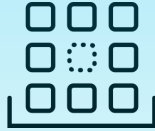
Multi + Hybrid Cloud Infra Creates Complexity

Security doesn't come built in. Security teams are the ones responsible for protecting **everything!**

Prisma Cloud delivers industry-leading Cloud Workload Protection



VMs



Containers



Containers-as-a-
Service

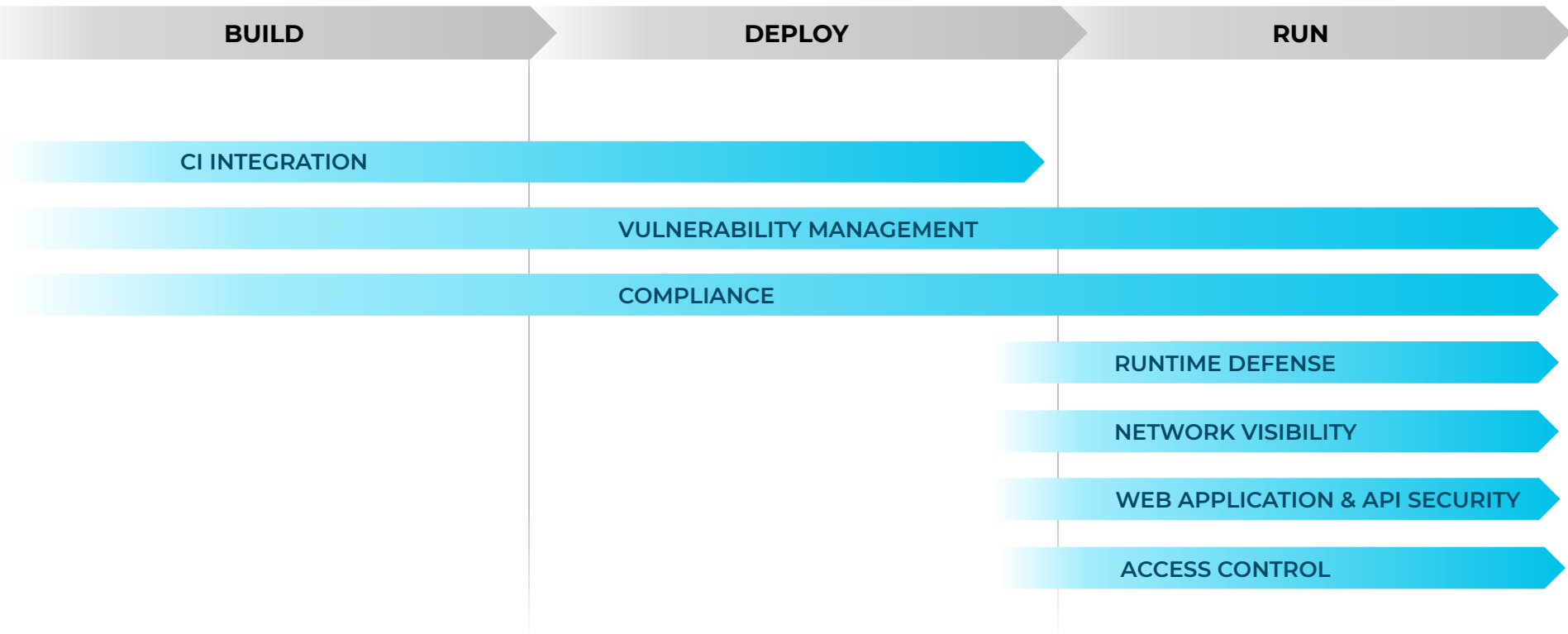


Serverless

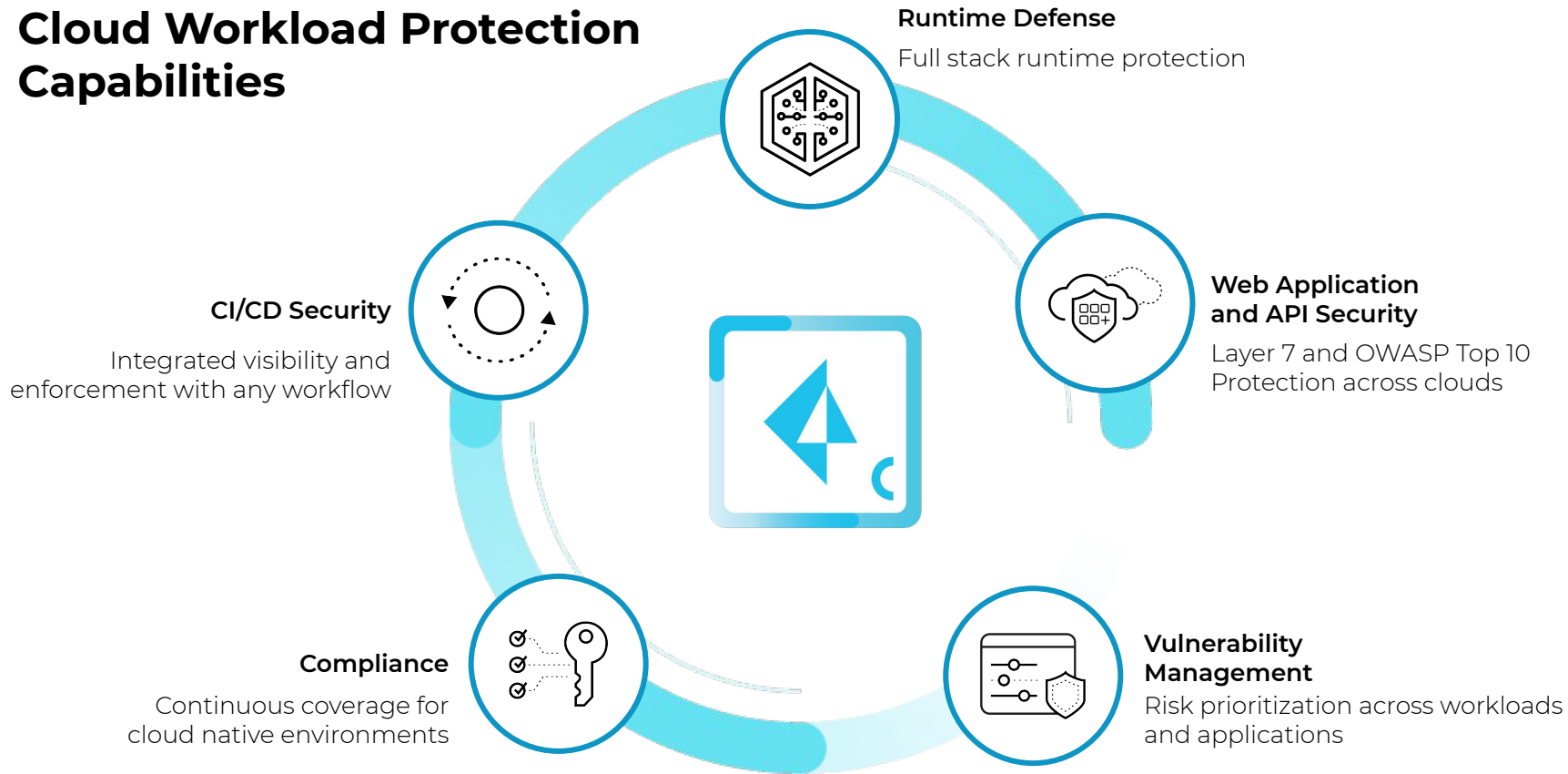


Full Lifecycle, Full Stack Security

Integrated across the application development lifecycle



Cloud Workload Protection Capabilities





DEMO

Thank you!

Time for Questions and Answers



Harold Butzbach
District Sales Manager CEUR & EEUR, Prisma Cloud
hbutzbach@paloaltonetworks.com



Thomas Nordmann
Presales Systems Engineer, CEUR Central
tnordmann@paloaltonetworks.com