

The logo icon consists of a white triangle pointing left, with a smaller white triangle inside it pointing right, creating a double-headed arrow effect.

PRISMA[®] CLOUD

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ARE MY APPLICATIONS SECURE?

**WHAT IS ACTUALLY
HAPPENING**

CYBER RISK

**WHO IS MAKING
CHANGES AND WHY**

**DevOps &
Containers**



**WHICH CLOUD
STRATEGY?**

DO WE WANT TO OWN IT?

AM I COMPLIANT

**CAN WE BE
COMPETITIVE?**

**WHAT DO I HAVE IN
THE CLOUD?**

HOT TOPICS

SISO and MANAGEMENT

Operation Resiliency

Protect your most critical assets

Governance

Decisions and Prioritize

Visibility

Transparency On-Prem/Off prem

Zero Trust

Everywhere

Insurance

Documentation and execution

Palo Alto Networks - One Security Platform, Three Pillars



Endpoint

SECURE
THE ENTERPRISE

SECURE
THE CLOUD



DATA LAKE



workloads



Detection &
response

Autom
orches



traffic &
analytics

Threat
intelligence

APPLICATIONS ARE DEPLOYED ACROSS HYBRID- AND MULTI-CLOUD ENVIRONMENTS



Hybrid- and Multi- cloud

Cloud-Native and Lift & Shift Applications



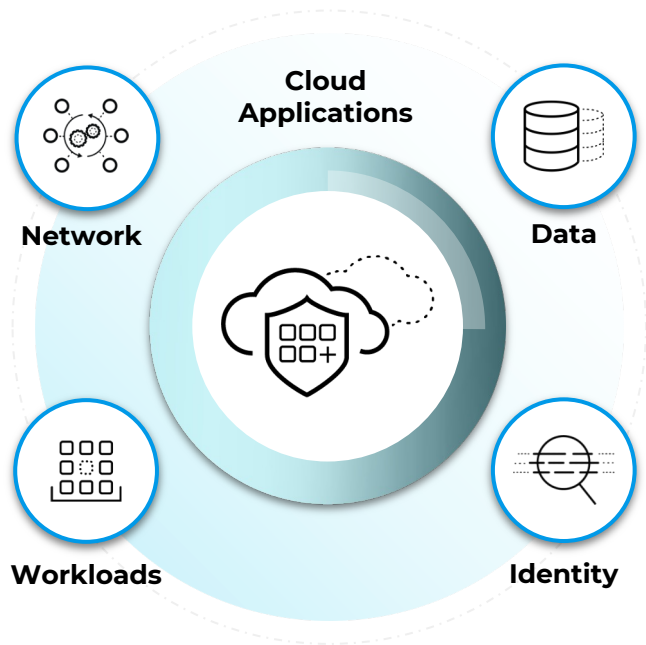
74%

Orgs are IaaS/PaaS multi-cloud

57%

Expected to primarily run workloads in public cloud

CLOUD APPLICATIONS ARE AT THE HEART OF DIGITAL TRANSFORMATIONS



Application Infrastructure

- Elastic Networks
- Dynamic Workloads - Host, Container, Serverless
- Complex Identities
- Growing Data Stores

Benefits

- Scale up or down fast
- Self-service, operational efficiency
- Better resource utilization

A dramatic seascape with a lighthouse on a rocky outcrop and a boat with people in the foreground, all under a stormy sky. The lighthouse is white with a red light. The boat is dark with several people on board. The sky is dark and cloudy.

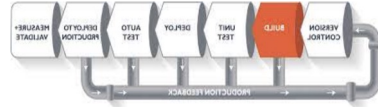
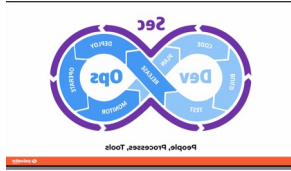
26 million Developers

3 million SecOps - (Security)

Hmm?



IaM Security



CNAPP



CWP

INFRASTRUCTURE AS CODE



CNSP

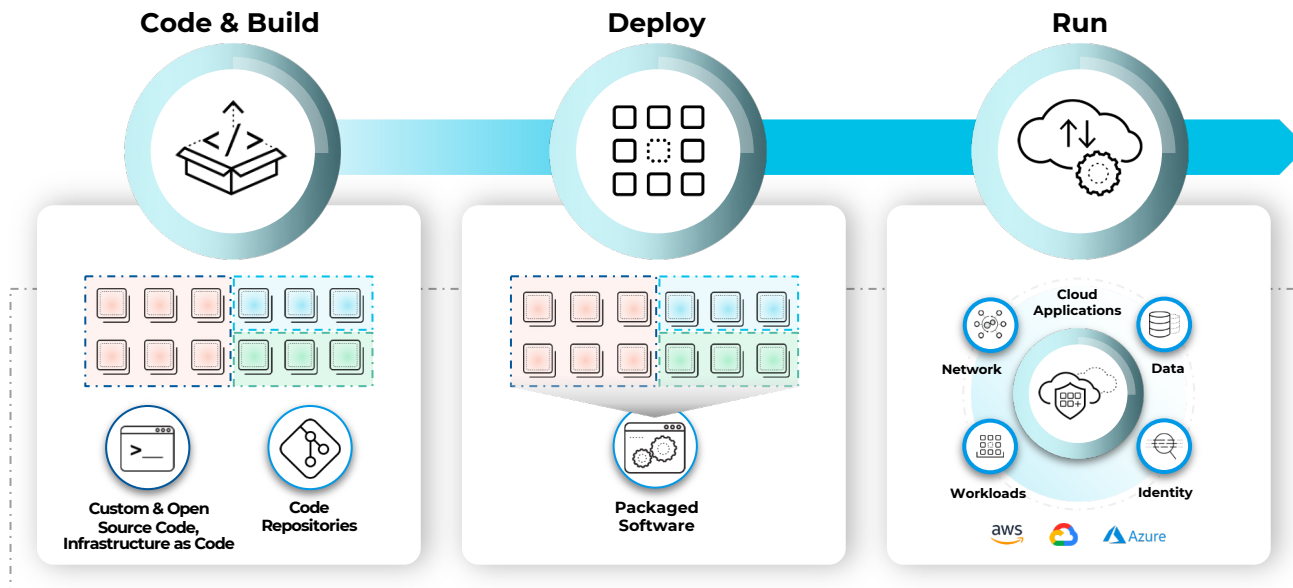


MODERN APPLICATION SECURITY RISKS

CLOUD APPLICATIONS ARE CREATED DIFFERENTLY

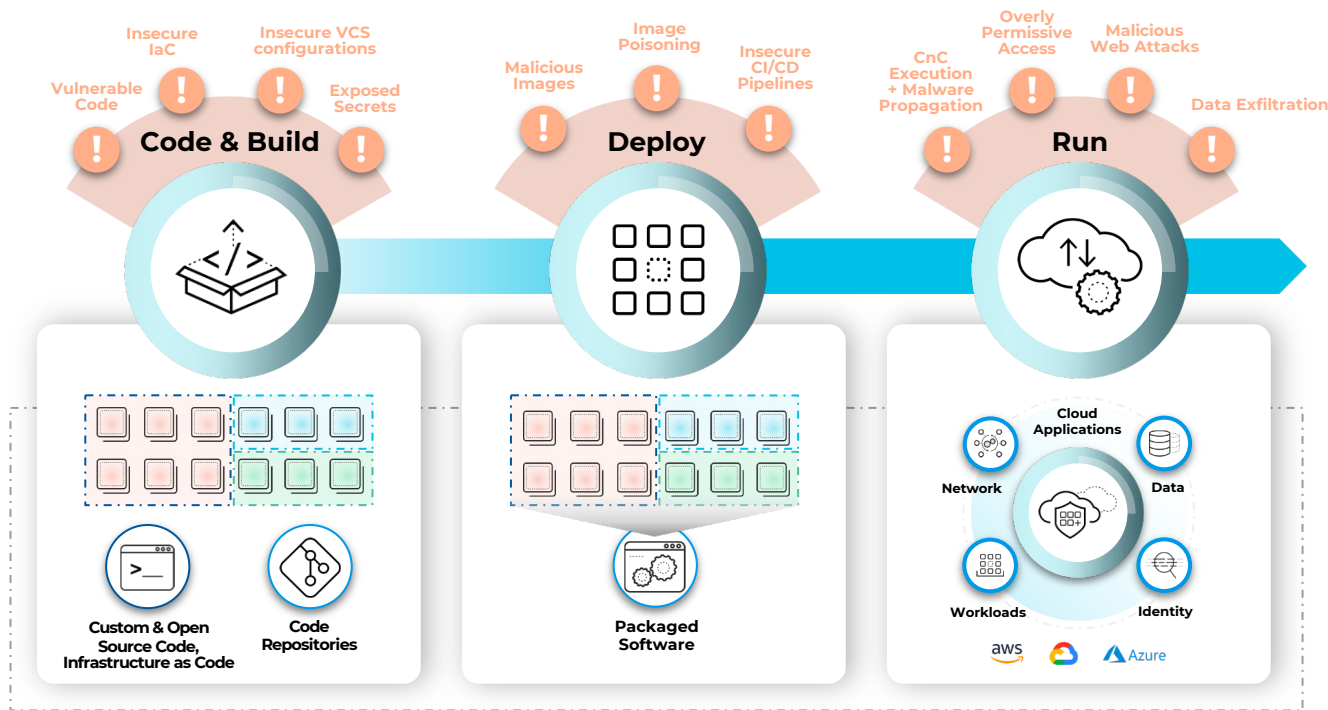
THE APPLICATION LIFECYCLE

- Designed for rapid iteration and continuous application rollouts
- Highly automated builds to reduce time to market
- Improves app team / developer productivity



SECURITY RISKS & VULNERABILITIES AT EVERY STAGE IN CLOUD APPLICATIONS

Cloud applications are subject to various risks and vulnerabilities at every stage from Code to Runtime



CHALLENGES WITH CLOUD SECURITY SOLUTIONS

INCOMPLETE POINT PRODUCTS THAT LEAVE SECURITY HOLES

CURRENT APPROACH

Protection Focused on Runtime

Depending only on runtime remediation increases risk

Visibility Without Prevention

Visibility alone is not Security

Infrequent Scans Lead to Blind Spots

Vulnerabilities can be exploited in as little as 30 minutes

Tool Proliferation

10 or more tools bring a siloed view of risk, integration and vendor mgmt. challenges, impact business agility

Scale Issues, Performance Impact

Point solutions simply do not scale

Security solutions on the market

The image displays a grid of security solution logos, categorized into several areas:

- Infrastructure Security:** Network Firewall (CheckPoint, Palo Alto, Fortinet, etc.), Network Monitoring (BlueCoat, etc.), Intrusion Prevention (IBM, Cisco, etc.), Unified Threat Management (Fortinet, Dell, etc.), IoT Security (Mocana, Cryptosoft, etc.), Transaction Security (Feedzai, etc.), Risk (RedSeal, etc.).
- Application Security:** WAF & Application Security (Sucuri, Akamai, etc.), Vulnerability Assessment (WhiteHat, Rapid7, etc.), Web Security (Trustwave, etc.), Data Security (Mocana, etc.), Cloud Security (Blumio, etc.).

In the center, a large white circle features the **Prisma Cloud** logo and the **paloalto NETWORKS** logo.

Prisma Cloud: Comprehensive Cloud Native Security Platform (CNSP)



Cloud Security Posture Management

Monitor posture, detect and respond to threats, maintain compliance

Visibility, Compliance & Governance

Threat Detection

Data Security



DevSecOps

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

IaC Security



Cloud Workload Protection

Secure hosts, containers, and serverless across the application cycle

Host Security

Container Security

Serverless Security

Web Application & API Security



Cloud Infrastructure Entitlement Management

Enforce permissions and secure identities across workloads and clouds

IAM Security



PRISMA[®] CLOUD



**CODE TO
CLOUD**



**PREVENTION
FIRST**



**CONTINUOUS
REAL TIME
VISIBILITY**



**SECURITY
CHOICE**



**SECURITY AT
ANY SCALE**

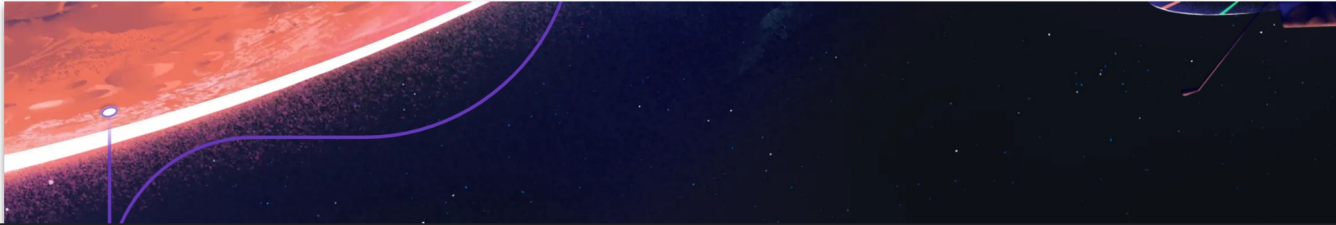
**THE INDUSTRY'S MOST COMPREHENSIVE
CODE-TO-CLOUD CNAPP**

Application development in the past and present.

In the past: 80% was own development code - 20% open source.

Present: 80% open source - 20% own development.

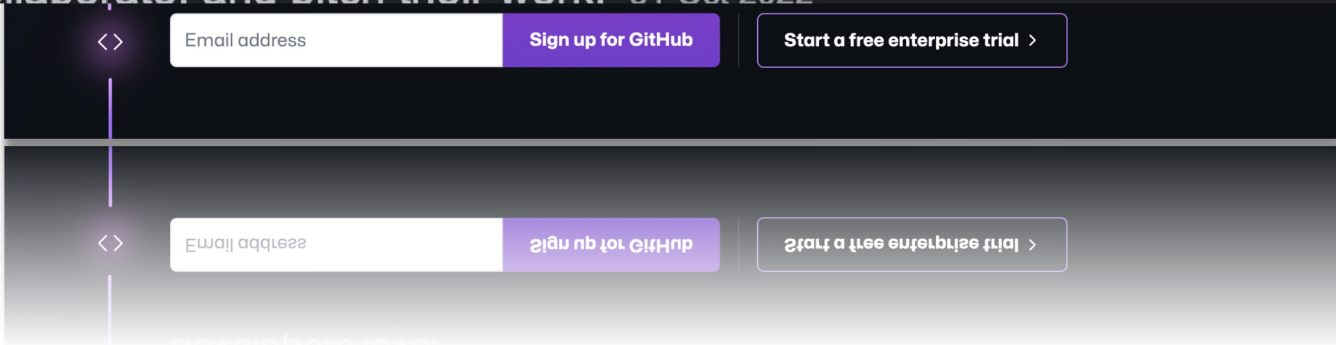
This creates a **RISK!**



Why is GitHub so powerful?



It's used for storing, tracking, and collaborating on software projects. It makes it easy for developers to share code files and collaborate with fellow developers on open-source projects. GitHub also serves as a social networking site where developers can openly network, collaborate, and pitch their work. 31 Oct 2022



.analogi.

- Q. Do you know what's in your bag (container)?
 - YES! I built it myself!
- Q. Has anyone given anything to carry?
 - Any dependencies?
- Q. Mind if we scan your bag
 - Please do, just don't stop it



SO WHY SHOULD I CARE? - WELL IF!

You use one or multiple clouds

GCP, AWS, AZURE, ALI BABA, Oracle Cloud etc.

You need to be compliant (workloads in cloud)

GDPR, NIST, HIPAA, PCI, NIS2 etc.

You have internal or external developers

Image scan, Scan of open libraries, Dependencies etc.

You use terraform, ARM, Cloudformation or other types of templates to creates infrastructure As Code

Code scan

You need visibility and controlled access to your cloud instances

Audit and traction

THEN YOU NEED TO SECURE YOUR CLOUD!!!!

PRISMA CLOUD

TOP CUSTOMERS WORLDWIDE TRUST US TO
SECURE THEIR CLOUD ENVIRONMENTS

PRIVATE
NAME
DROP ONLY

BANKING & FINANCE	 ABN-AMRO	 Citi	 FreddieMac	 TIAA	 MetLife	 WELLS FARGO	 funding societies	 USAA
TECHNOLOGY	 CISCO	 salesforce	 SAP	 BROADCOM	 IRON MOUNTAIN	 DELL EMC	 Sabre	 zoom
HEALTHCARE	 Anthem	 CENTENE Corporation	 MAYO CLINIC	 CVS	 MCKESSON	 United Healthcare		
MEDIA & RETAIL	 Disney	 Starbucks	 L'ORÉAL	 Red Bull	 Pokémon	 VIACOM	 sky	 Nike
GOVERNMENT	 NASA	 U.S. DEPARTMENT OF HOMELAND SECURITY	 GSA U.S. General Services Administration	 U.S. ARMY	 U.S. AIR FORCE	 NHS Digital	 CDC	 NIH
INDUSTRIAL & TELECOM	 Charter	 ExxonMobil	 MAERSK	 verizon	 AT&T	 Honeywell		

THANK YOU