

Prisma Public Cloud: At a Glance

Public Cloud Security Challenges

The need to quickly build and deploy global-scale applications has led to rapid adoption of the public cloud. Management of security and compliance at this scale hasn't kept up despite the availability of numerous tools and technologies. Here's why:

1. Traditional security tools fail in dynamic cloud environments where IP addresses are constantly changing. Moreover, agent- or proxy-based products will not work with the vast array of API-driven tools and services cloud providers offer.
2. Risk visibility is fragmented by point products that only surface configuration issues, user activities, or network traffic in isolation. Effective risk assessment requires machine learning-driven correlation across multiple, disparate data sets to build context around issues.
3. The Shared Responsibility Model remains poorly understood. Although cloud service providers are responsible for securing the cloud's physical infrastructure, organizations are responsible for securing and monitoring their own networks, users, and resource configurations. With multi-cloud environments becoming the norm, effectively managing security becomes a massive burden that simply adding more people cannot solve.

Prisma Public Cloud redefines effective security and compliance management across multi-cloud environments.

Prisma™ Public Cloud (formerly RedLock) is a security and compliance service that dynamically discovers cloud resources and sensitive data, and subsequently detects risky configurations, network threats, suspicious user behavior, malware, data leakage, and host vulnerabilities across GCP™, AWS®, and Azure®. It combines the most comprehensive collection of rule-based security policies and industry-leading machine learning to detect threats.

Prisma Public Cloud Highlights



Frictionless deployment: Get started in fewer than five minutes. Prisma Public Cloud is a 100% SaaS platform for frictionless deployment—no agents or proxies required. Its easy-to-navigate UI provides a single, focused console for security teams to quickly understand and manage risks across their cloud environments.



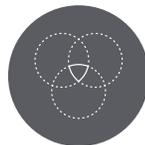
Realtime visibility: By automatically and continuously discovering and classifying new resources as they are deployed as well as proactively assessing the security and compliance posture, Prisma Public Cloud eliminates blind spots and surfaces risks before they can be exploited.



Continuous threat protection: Prevent threats by correlating threat intelligence data from third-party sources with data from the cloud environment to identify suspicious user activities, network threats, malware, and host vulnerabilities.



Expedited security investigations: With the right cloud context, prioritizing risks becomes effortless for security teams. A visual threat map that provides context on risks expedites incident response.



DevOps-ready templates: Ship more secure code without slowing down your CI/CD pipeline by scanning and validating templates during pre-deployment phases.

Cloud Governance

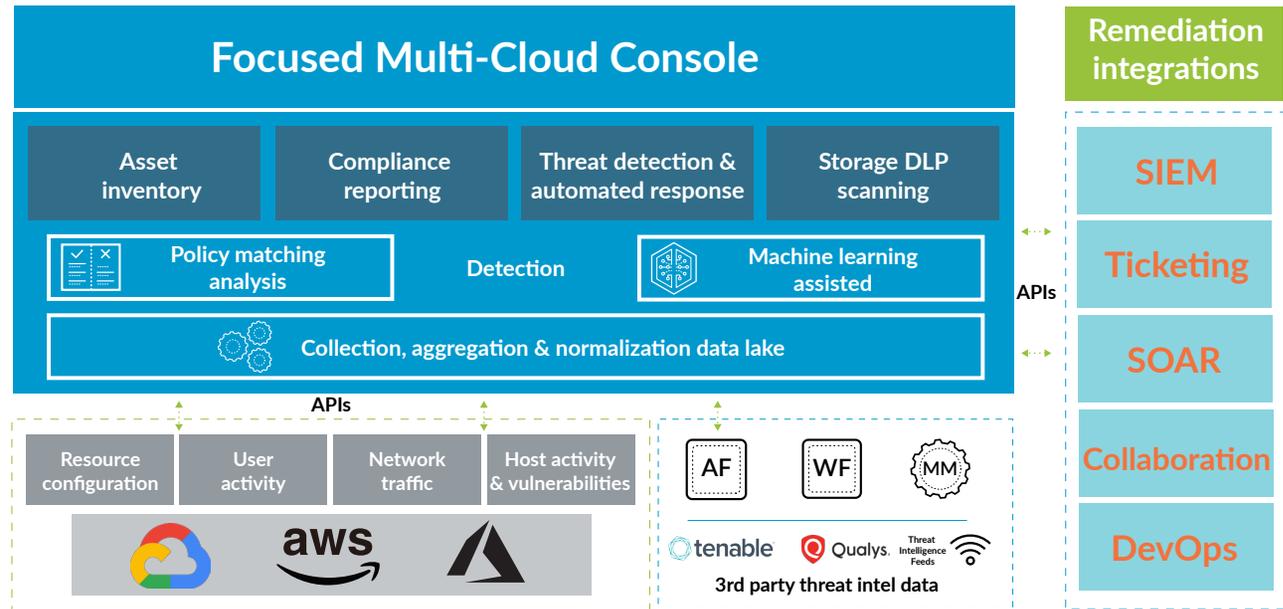
Ensuring compliance across ever-changing cloud environments is incredibly time-consuming for already constrained security teams. Prisma Public Cloud greatly simplifies compliance with the industry's most complete library of compliance frameworks, including CIS, NIST, PCI DSS, HIPAA, GDPR, ISO, SOC 2, and more. Generating audit-ready reports for any compliance standard can be completed with just a single click.

Built for the Modern SOC

Security operation centers (SOCs) often struggle with containment, mitigation, and remediation of risks across dynamic cloud environments. Prisma Public Cloud helps improve SOC performance by taking advantage of machine learning for risk scoring, which helps teams determine where to prioritize their efforts. It also supports automatic remediation, either directly via the UI or through integration with third-party tools such as security information and event management (SIEM) as well as security orchestration, automation, and response (SOAR) offerings.

How Prisma Public Cloud Works

By continuously ingesting data using hundreds of cloud service provider APIs and threat intelligence sources, Prisma Public Cloud creates a massive data lake. It applies policy- and machine learning-based analysis to discover and classify assets, flag compliance and governance violations, detect suspicious activities, and identify data risk. Interactive reports and investigation capabilities enable rapid incident investigations. Finally, issues are automatically remediated via API integration with your favorite tools or directly within the Prisma Public Cloud console itself.



Built for the Future

No matter where you are on your journey to the cloud, Prisma can help.

- Cloud-enabled mobile workforce
- Cloud data protection
- Cloud-connected branch
- Cloud threat protection
- Zero Trust cloud security
- Secure DevOps
- Cloud governance and compliance