

Prisma Cloud for Microsoft Azure

Cloud Native Security Platform (CNSP) for Microsoft Azure

SERVICE NAME ↓↑		PASS ↓↑	FAIL ↓	COVERAGE ↓↑
Azure Compute		0	31	0%
Azure Virtual Network		75	28	73%
Azure Storage		9	3	75%
Azure Security Center		0	1	0%
Azure SQL Database		1	1	50%
Azure Network Watcher		30	0	100%
Azure Policy		3	0	100%
Azure App Service		1	0	100%
Azure Resource Manager		75	0	100%

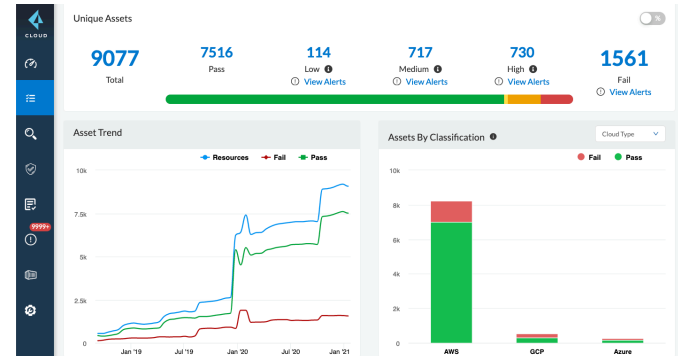


Figure 1: Inventory of all cloud resources and assets secured using Prisma Cloud

Cloud Security Posture Management

Prisma® Cloud delivers **Visibility, Compliance, and Governance** to establish API-driven guardrails with more than 167 prebuilt policies and scalable **Threat Detection** delivering user and entity behavior analytics (UEBA) on Microsoft Azure®.

Key capabilities include:

- Cloud asset inventory
- Configuration assessment
- Compliance management
- Infrastructure-as-code (IaC) scanning
- Network anomaly detection
- User and entity behavior analytics (UEBA)
- Automated investigation and response

Key integrations include:

- Virtual Machines
- Content Delivery Network
- Azure Data Lake Storage
- Azure Active Directory
- Azure Policy

Cloud Workload Protection

Prisma Cloud delivers protection for **Hosts, Containers, and Serverless** across Microsoft Azure as well as **Web Application and API Security (WAAS)**. Shift left and embed cloud security across the entire development lifecycle on Microsoft Azure, from Build to Deploy to Run.

Key capabilities include:

- Vulnerability management
- Runtime security
- Compliance
- Access control
- Git repository scanning
- OWASP Top 10 protection
- API protection

Key integrations include:

- Azure Kubernetes Service (AKS)
- Virtual Machines
- Container Registry
- Azure Key Vault
- Azure Functions
- Container Instances

Cloud Network Security

Gain visibility into application dependencies and isolate east-west traffic across VMs and containers on Microsoft Azure with **Identity-Based Microsegmentation**. Reduce the network attack surface and prevent lateral movement of breaches without changing the network architecture.

Key capabilities include:

- Application dependency mapping
- Layer 3 and Layer 4 microsegmentation for hosts and containers

Key integrations include:

- **Virtual Machines**
- **Azure Kubernetes Service (AKS)**

Top Prisma Cloud Integrations for Microsoft Azure

Add deeper cloud native Microsoft Azure visibility, validate environment context, and help manage cloud risk through integration with:

- **Virtual Machines**: Prisma Cloud integrates to secure virtual machines running on Microsoft Azure.
- **Azure Active Directory**: Prisma Cloud integrates with Azure to synchronize on-premises directories and enable single sign-on.
- **Azure Kubernetes Service (AKS)**: Prisma Cloud delivers integrated cloud monitoring with Kubernetes®-based container orchestration and security.
- **Microsoft Teams®**: Prisma Cloud alerts on resource mis-configurations, compliance violations, network security risks, and anomalous user activities.

Full Lifecycle, Any Stack—DevOps for Microsoft Azure

Prisma Cloud integrates compliance and vulnerability checks into Microsoft Azure developer tools like **Azure DevOps** and **Container Registry** for more secure continuous integration and continuous development (CI/CD) operations.

Build security into your Azure development lifecycle—across Build, Deploy, and Run—scan for vulnerabilities, and scan IaC templates like Terraform® and Kubernetes manifests.

Next-Generation Firewalls for Microsoft Azure

Palo Alto Networks VM-Series Virtual Next-Generation Firewalls provide Layer 7 traffic visibility and network-based threat prevention to protect applications and data on Microsoft Azure.

Prisma Cloud Compliance for Microsoft Azure

Prisma Cloud helps keep your Microsoft Azure environment compliant with:

APRA CPS 234, Azure CIS v1.1, Azure CIS v1.2, Azure CIS v1.3, Azure Security Benchmark v2, CCPA, CIS AKS v1.0,

CMMC v1.02, CSA CCM v3.0.1, GDPR, HIPAA, HITRUST v9.3, ISO 27001:2013, ISO 27017-2015, LGPD, MITRE ATT&CK® Framework v6.3, MPAA, Multi-Level Protection Scheme (MLPS) v2.0, NIST CSF v1.1, NIST SP 800-171 Rev. 2, NIST SP 800-172, NIST SP 800-53 Rev. 4, NIST SP 800-53 Rev. 5, PCI DSS v3.2.1, PIPEDA, SOC 2.

Top Partner Integrations for Microsoft Azure

Add deeper Microsoft Azure visibility, validate environment context, and help manage cloud risk with:

- **GitHub**: Prisma Cloud delivers git repository scanning to monitor git repositories for vulnerabilities.
- **Splunk®**: Prisma Cloud integrates to search, analyze, and visualize all Microsoft Azure log data.
- **ServiceNow®**: Prisma Cloud integrates to centralize all security alerts into a single convenient location.
- **Slack®, PagerDuty®, Jira®, Email**: Prisma Cloud integrates to send security alerts to convenient locations.
- **Qualys, Tenable®**: Prisma Cloud integrates to ingest additional vulnerability assessment data.
- **Webhooks**: Prisma Cloud integrates to pass information in JSON to third-party integrations not natively supported by Prisma Cloud.

What Prisma Cloud Customers Are Saying

“Manage/view risk posture of your multi-cloud environment all in one place.”

★★★★★ 5 stars out of 5 | [Full review](#)

“Delighted to have Prisma Cloud deployed in our infrastructure. By far one of the best tools with mind-blowing capabilities. The feature set is endless and rigorously increasing with each new release.”

– Security and Risk Management Analyst

“A product that just works.”

★★★★★ 5 stars out of 5 | [Full review](#)

“A great tool to help us in our journey. Provides very nice reports and extremely detailed outputs on issues and vulnerabilities. It lays things out for easy export.”

– Cloud Manager, Architecture & Technology Innovation

Prisma Cloud Secures Microsoft Azure—Now and in the Future

The most comprehensive Cloud Native Security Platform (CNSP) with the broadest security and compliance coverage.

[Visit Prisma Cloud in Microsoft Azure Marketplace.](#)

For Microsoft Azure. Cloud Native Security. Comprehensive. Full Lifecycle.



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