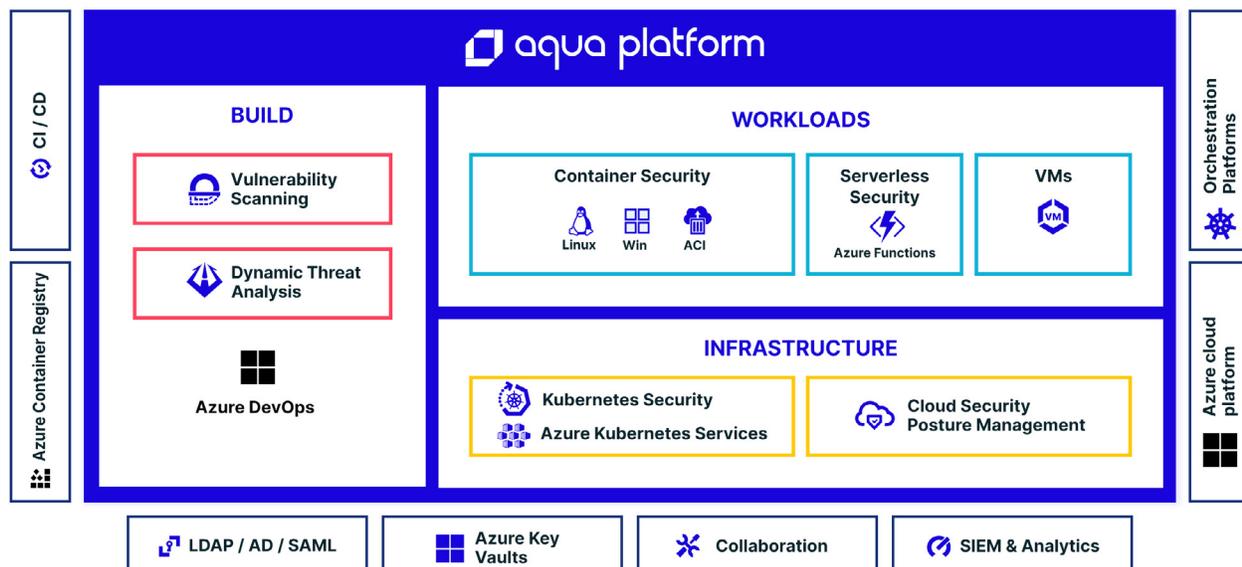




Full Lifecycle Security for Azure Cloud Native Apps

The Aqua Enterprise Platform provides comprehensive security for the entire lifecycle and configuration of container-based and cloud-native applications, with consistent policies and controls, from image build to deployment for a broad set of cloud-native Microsoft Azure build, infrastructure, deployment and runtime services.

Aqua Cloud Native Security Platform



Automate full-stack security for Azure AKS



Scan, validate, monitor, and remediate configuration issues for AKS, enforcing consistent security policy and least privilege access controls across the board. Rapid remediation through self-securing capabilities to ensure your cloud accounts don't drift out of compliance

Protect Azure Container Instances



Seamlessly incorporate security controls into containers via Aqua MicroEnforcers, making it possible to monitor and enforce policy in this serverless environments

Secure Azure Functions



Assess the risk of Azure Functions by discovering vulnerabilities and sensitive data in function's code and its environment variables. Prevent execution of functions that violate your organization's security policy

Secure VMs and Ensure Compliance



Protect workloads running on Azure Virtual Machine instances and ensure they are properly hardened. Monitor any file integrity changes within a container. Create command-level audit trail for compliance & forensics

Benefits

- Automate Azure secure & compliant configuration, & secure VM, container, and serverless function apps from dev to prod
- Empower DevOps to secure pipelines & protect cloud-native applications on AKS, ACI and both Windows, Linux containers
- Risk-based vulnerability management to manage priorities, facilitate agility
- Automate compliance and ensure ongoing security posture for AKS infrastructure
- Detect & prevent container threats in run-time environments and protect Windows & Linux workloads on Azure
- Secure the software supply chain with Drift Prevention for container immutability
- Apply advanced threat detection & mitigation to container workloads, enforce network segmentation & host integrity controls
- Securely deploy secrets to containers at run time, leveraging Azure Key Vault
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Aqua Security enables enterprises to securely scale and automate how their cloud native applications built, deployed and run in Microsoft Azure whether they run using VMs, containers, or serverless function – both Windows & Linux.

The Aqua platform:

- Automates security testing for the CI/CD pipeline via native Azure DevOps plug-in
- Integrates with Azure Container Registry (ACR) for risk-based vulnerability management
- Enforces, continuously scans AKS accounts and services for secure configurations based on CIS Azure benchmarks and best practices, with rapid remediation
- Provides image assurance, workload protection and risk mitigation for Azure Container Service
- Ensures run-time security for Azure Container Instances (ACI), and on both Docker and Windows container formats.
- Scans for vulnerabilities, detects and amends over-provisioned function privileges and checks code integrity for Azure Functions



Secure the

**Build**

Accelerate development by detecting security issues in your artifacts early and shortening time to remediate

«Shift left» security into the CI/CD pipeline, get full visibility into the security posture of your pipeline and reduce the attack surface before application deployment.

Secure the

**Infrastructure**

Enforce compliance across the stack, gain real-time visibility and control over your security posture

Monitor, detect, and automatically remediate configuration issues across public cloud services and Kubernetes clusters. Ensure conformity with CIS benchmarks, PCI-DSS, HIPAA, GDPR and other regulations.

Secure the

**Workloads**

Protect applications in runtime using a zero trust model, with granular controls that accurately detect and stop attacks.

Unify security across VMs, containers, and serverless on any cloud, orchestrator, and operating system. Leverage micro-services concepts to enforce immutability and micro-segmentation.

[Learn more >](#)


Aqua Security is the largest pure-play cloud native security company, providing customers the freedom to innovate and run their businesses with minimal friction. The Aqua Cloud Native Security Platform provides prevention, detection, and response automation across the entire application lifecycle to secure the build, secure cloud infrastructure and secure running workloads wherever they are deployed. Aqua customers are among the world's largest enterprises in financial services, software, media, manufacturing and retail, with implementations across a broad range of cloud providers and modern technology stacks spanning containers, serverless functions, and cloud VMs.



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