

Aqua Security for Commercial Kubernetes Apps in Google Cloud Platform Marketplace

Aqua Container Security Platform (CSP) provides a full lifecycle security solution for Google Kubernetes Apps and enhanced container visibility in the Google Cloud Security Command Center

Aqua CSP, now available as a one-click deployment in the Google Cloud Platform (GCP) Marketplace, provides full lifecycle security for apps running on Google Kubernetes Engine (GKE). Once deployed into your GKE cluster, you can immediately protect your image pipeline and GKE container workloads. Aqua monitors your risk posture and container activity, and detects and prevents suspicious actions while ensuring business continuity.

Designed to leverage native Kubernetes capabilities, the Aqua solution provides:

Image Vulnerability Scanning & Assurance

Prevent unauthorized images from running in your GKE environment. Continuously scan images stored in the Google Container Registry (GCR) to ensure that DevOps teams do not introduce vulnerabilities, bad configurations, malware, or secrets into container images. Get actionable recommendations for remediation of security issues.

Zero-configuration runtime protection

Automatically profile container behavior to enforce least-privilege controls on running containers/pods, whereby only legitimate container activity is permitted. This automatically prevents many types of malicious behavior and privilege abuse in real-time. Any suspicious activity will be blocked and alerted.

Network Controls

Automatically set and control network traffic using the Aqua container-level firewall. Communication rules can be defined based on multiple objects, such as Kubernetes namespaces, clusters or deployments. This enables admins to enforce network segregation for compliance purposes, as well as limit an attack's "blast radius" across clusters and applications.

Centralized Visibility & Real-Time Detection

Aqua integrates with Google's Cloud Security Command Center (SCC) to provide single pane-of-glass visibility into security and compliance-related events, and policy management for container security monitoring and policy violation detection.

Auditing & Compliance

Bundled into the Aqua CSP, after deployment into GKE, Aqua validates the security posture of your GKE deployments against the CIS Kubernetes Benchmark checks. In addition, Aqua Runtime Policy includes sets of predefined controls and alerts for key compliance mandates (PCI, GDPR, HIPAA, NIST SP 800-190) which can be applied globally to all running containers in the cluster. All container-related systems, user events, and policy violations, are logged for audit and forensics purposes.

Highlights

Secure GKE deployments from development to production

Deploy trusted images and manage vulnerability risks

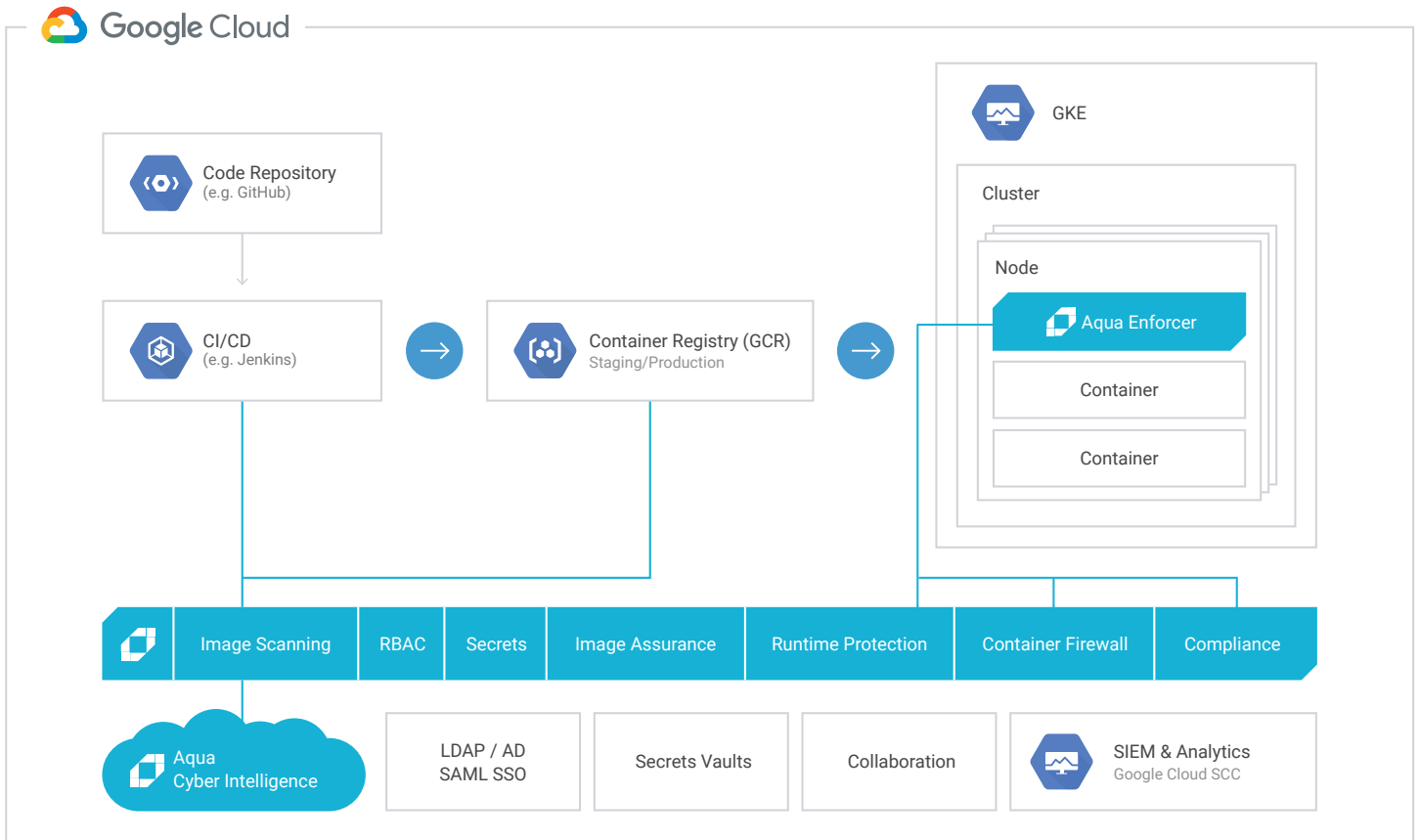
Protect runtime workloads, detect and mitigate attacks

Enforce container-level network segmentation

Improve compliance and risk posture visibility

Deploy seamlessly on Google Cloud and pay per use

Aqua full lifecycle security solution for Kubernetes applications running on GCP



Aqua CSP is easy to operate and provides the most advanced container security solution on the market today. Google Cloud users can integrate Aqua with their existing CI/CD tools for security testing as part of the build process, with Active Directory/LDAP for user authentication, and with Slack and Jira to provide feedback to DevOps teams.

Start protecting your GKE apps today by installing the Aqua Solution directly from the Google Cloud Platform (GCP) Marketplace

<https://www.aquasec.com/marketplace-gcp>

About Aqua

Aqua Security enables enterprises to secure their container-based applications from development to production, accelerating container adoption and bridging the gap between DevOps and IT security.

Aqua's Container Security Platform provides full visibility into container activity, allowing organizations to detect and prevent suspicious activity and attacks, providing transparent, automated security while helping to enforce policy and simplify regulatory compliance.

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