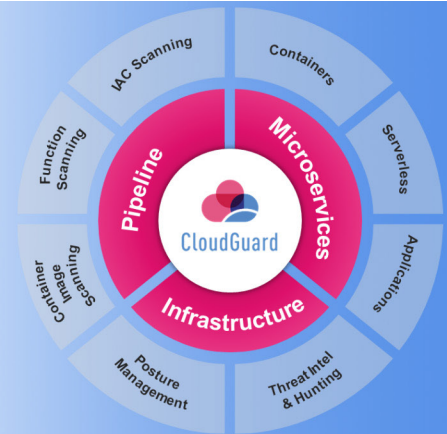# Cloud Native Workload Protection

Automated security for applications, containers & serverless functions

Distributed Cloud Workloads Need Unified Cloud-Native Security

As environments evolve and applications constantly change, security teams aren't empowered with the right tools to remain in sync with DevOps. The nature of microservice powered workloads means that the number of assets to protect is constantly growing and this is within a complex environment that until now has been impossible to visualize.

Automated Security Across Every Cloud Workload

CloudGuard is the only end-to-end cloud native security platform. With protection for every layer of the application workload, from CI/CD to runtime, CloudGuard empowers security teams and DevOps teams to deploy simultaneously, with a zero-trust approach to security.

APPLICATION-FIRST WORKLOAD PROTECTION

- AppSec
- Container Security
- Serverless Security

FROM DEVELOPMENT THROUGH RUNTIME

KEY PRODUCT BENEFITS

- **Achieve Zero Trust Security:** Secure applications & microservice infrastructure to achieve zero trust
- **Fully Automated:** Auto-deploy & enforce security controls into the DevOps pipeline
- **Everywhere:** Security across all clouds, any workloads architecture and the entire application lifecycle

SUPPORT FOR:

ShiftLeft Security

Embed security into the build with continuous scanning of code including infrastructure-as-a-code. Full automation of deployment.
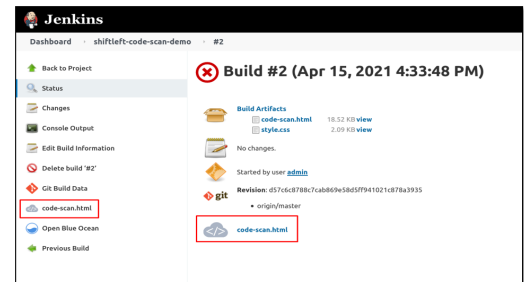

Posture Management

Ensure best practice compliance - align with industry security best practice using NIST & CIS benchmarks, or build custom compliance rules. Gain visibility into cloud assets and data-flows.
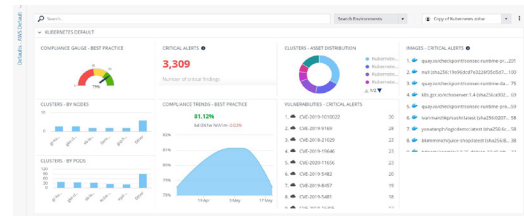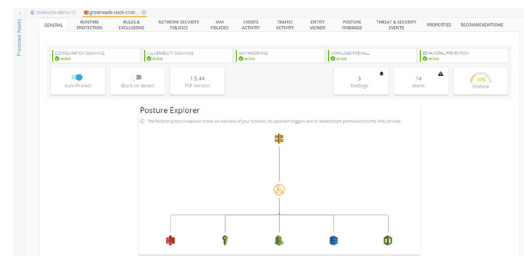

Automated AppSec

Protect applications and APIs from attack with an automated web application firewall powered by AI. Prevent automated attacks with built in bot prevention.
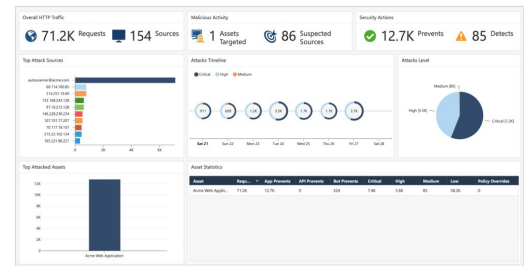
Workload Protection

Protect all microservices during runtime. Automatically profile & enforce function, container and application behavior. Block malicious activity with behavioral signature matching. Easily set security policies and guardrails for K8s cluster operations with admission control