Application Security Posture Management (ASPM)

Shifts Security from Detection to Inline Prevention

ACCUKNOX
Secure Code to Cognition™

Unified Application Security Lifecycle

AccuKnox ASPM enhances application resilience by maintaining a comprehensive risk posture. We unify findings from code to cloud, using runtime context to prioritize what truly matters.
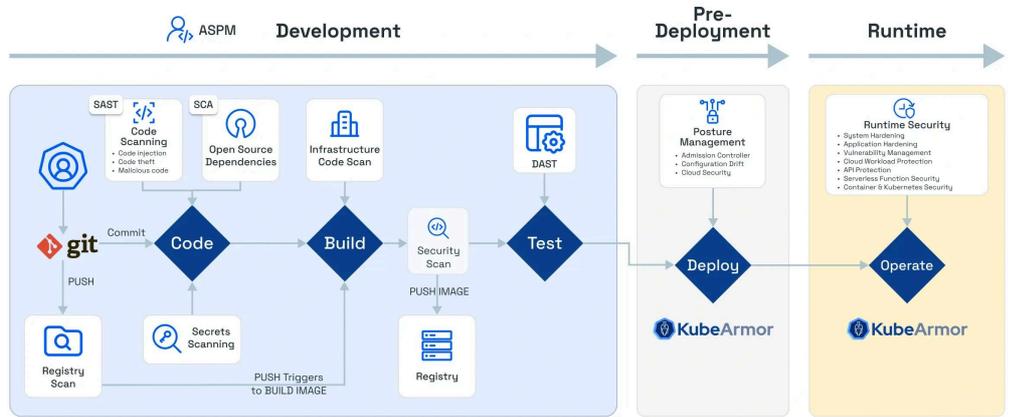
Problem: Noise
- 90%+ findings are unexploitable or false positives
- AppSec and CloudSec work in disconnected silos
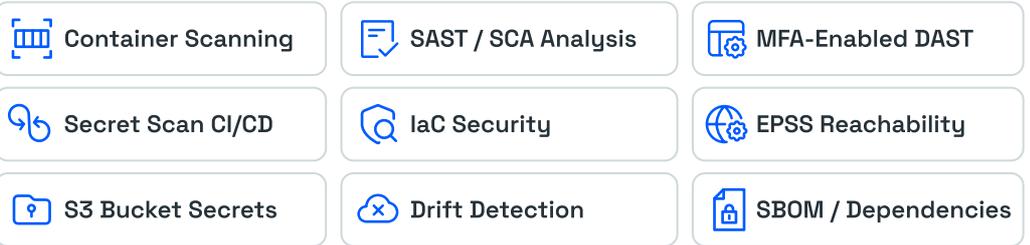- Too many findings with no runtime context

Solution: AccuKnox ASPM
Integrates best-in-class VM, SCA, SAST, and DAST. Our Flexible Security Posture approach prioritizes critical vulnerabilities using runtime reachability.

REAL-TIME PERFORMANCE

95%
NOISE REDUCTION
Reachability analysis eliminates unexploitable alerts.

10x
FASTER FIXES
AI storylines identify precise code-level root causes.

100%
FULL VISIBILITY
Code, Libraries, APIs, and Attack Surfaces unified.

TOOLS SUPPORTED
sonatype · aqua trivy · snyk · VERACODE · BLACKDUCK by SYNOPSYS

INTEGRATION MATRIX
Azure DevOps · Jenkins · AWS ECR · Google Container Registry · docker · kubernetes · OPENSHIFT · Jira · slack · PagerDuty

COMPLIANCE FRAMEWORKS
NIST SP 800 · SOC2 TYPE II · HIPAA · PCI-DSS 4.0 · GDPR · ISO 27001

ARCHITECTURAL WORKFLOW

Development — Pre-Deployment — Runtime

ASPM

SAST — Code Scanning (Code Injection, Code theft, Malicious code)
SCA — Open Source Dependencies
Infrastructure Code Scan
DAST

Posture Management (Admission Controller, Configuration Drift, Cloud Security)

Runtime Security (System Hardening, Application Hardening, Vulnerability Management, Cloud Workload Protection, API Protection, Serverless Function Security, Container & Kubernetes Security)

git → Commit → Code → Build → Security Scan → Test → Deploy (KubeArmor) → Operate (KubeArmor)

PUSH — Registry Scan — Secrets Scanning — PUSH Triggers to BUILD IMAGE — PUSH IMAGE — Registry

WRITE SECURE CODE AND FIX RISKS FAST

- Container Scanning
- SAST / SCA Analysis
- MFA-Enabled DAST
- Secret Scan CI/CD
- IaC Security
- EPSS Reachability
- S3 Bucket Secrets
- Drift Detection
- SBOM / Dependencies

Integrate SAST, DAST, IaC, and container scanning in CI/CD; gate builds on policy violations and auto-open fix pull requests.

Get ASPM Definitive Guide ›

Application Security Posture Management (ASPM) - A Definitive Guide

Capability	AccuKnox ASPM	Legacy ASPM
Contextual Reachability	eBPF-driven runtime analysis	Disconnected static data
Tool Consolidation	50+ native integrations	Limited vendor lock-in
Active Prevention	Inline KubeArmor policies	Monitoring only

CUSTOMER & ANALYST REVIEWS

"AccuKnox's strong roadmap offerings in API Security, AI/LLM Security made AccuKnox the best choice for AppSec/CloudSec platform."
David Billeter,
Cybersecurity Leader
SONESTA INTERNATIONAL HOTELS

"AccuKnox allows Public Sector agencies and entities to protect themselves against current and emerging threats."
Natalie Gregory,
Vice President Enterprise Solution
carahsoft

About AccuKnox

AccuKnox is a Zero Trust CNAPP Cloud Security protects API Security, CDR, SIEM, Public clouds, Private clouds, Kubernetes, VMs, Bare metals, IoT Edge, and 5G security.

kubernetes CERTIFIED SERVICE PROVIDER · AICPA SOC 2 · CLOUD NATIVE COMPUTING FOUNDATION SILVER MEMBER · NEPHIO · aws PARTNER Containers Software Competency

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