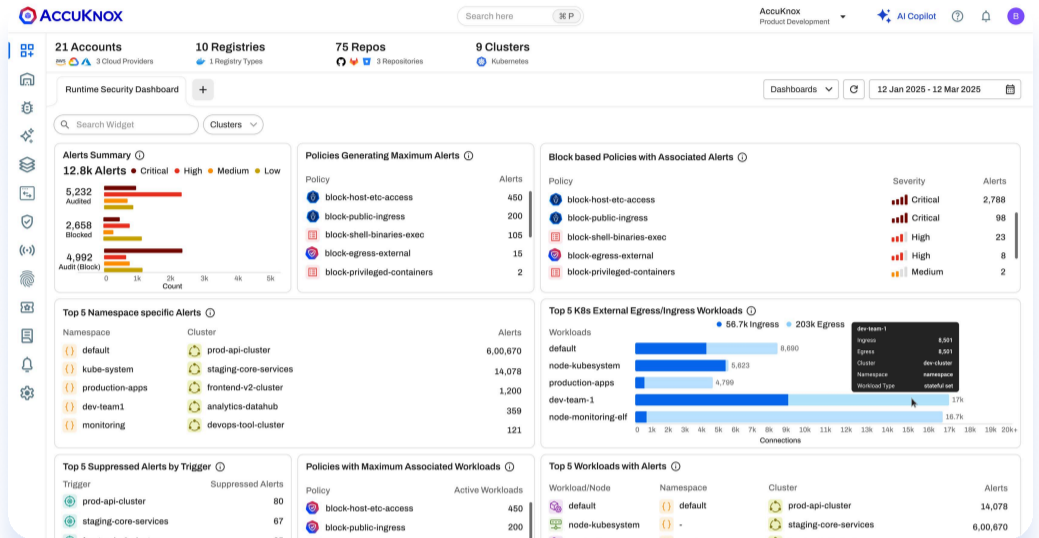


RUNTIME THREAT PREVENTION

Shift Security from Detection to Inline Prevention.

AccuKnox CWPP leverages CNCF KubeArmor to provide a high-performance security layer. By utilizing eBPF for observability and LSMs for enforcement, we ensure that only whitelisted activities occur, effectively neutralizing zero-day threats.



REAL-TIME PERFORMANCE

Oms

INLINE BLOCK

Real-time prevention without proxy overhead.

<2%

CPU IMPACT

Ultra-low overhead eBPF-based instrumentation.

100%

AUDIT TRAIL

Full fidelity capture of every kernel-level syscall.

THE TECHNOLOGY STACK



KUBEARMOR™

Policy-based runtime security engine for K8s & VMs.



eBPF ENGINE

Kernel-level observability probes for file, process, & network.



LSM ENFORCEMENT

Native hooks for AppArmor, SELinux, and BPF-LSM primitives.

DEPLOYMENT MODES

kubernetes DaemonSet

VM/BareMetal Systemd

Serverless Sidecar

Edge/IoT Optimized binary

COMPLIANCE MAPPING

NIST SOC2 HIPAA

PCI-DSS

SECURE, MONITOR, AND STAY COMPLIANT

Runtime Hardening

Least Permissive Posture

Auto-recommended policies to minimize process, file, and network privileges.

Zero Trust Execution

Deny-by-default logic blocks any binary or script not explicitly whitelisted.

Secrets & Identity

Vault Protection

Prevent ransomware/command injection into HashiCorp Vault or CyberArk mounts.

Credential Shielding

Stop unauthorized extraction of secrets via inline LSM-based access controls.

Workload Observability

eBPF Forensics

Real-time auditing of system calls, process lineage, and sensitive file interactions.

Behavior Discovery

Automatic mapping of application behavior to build high-fidelity security profiles.

Infrastructure Protection

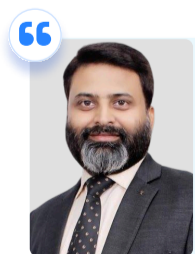
Micro-segmentation

Enforce L3/L4/L7 network policies at the kernel level for granular isolation.

Vulnerability Guard

Block exploitation of unpatched CVEs in production via compensatory runtime controls.

CUSTOMER & ANALYST REVIEWS



“AccuKnox excelled in all areas in our in depth evaluation. Their runtime security is unmatched.”

Manoj Kern, CIO



“The combination of CSPM and CWPP with eBPF visibility made them the ideal partner for us.”

Vladimir Nuta, Managing Director

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.



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