

# Comparison

Parameters	 <b>AccuKnox</b>	 <b>Checkmarx</b>	 <b>HCL AppScan</b>	 <b>Acunetix</b>	 <b>invicti</b>
 Primary Focus	Unified Zero Trust CNAPP securing cloud, Kubernetes, workloads, APIs, and runtime environments	Comprehensive Application Security Testing platform focused on secure software development	Enterprise-grade application security testing across SAST, DAST, and SCA	Dynamic web application security testing platform	Automated web application DAST with proof-based vulnerability validation
 SAST	Static code analysis integrated within broader CNAPP and DevSecOps workflows	Advanced SAST with deep IDE and CI/CD integration	Enterprise SAST with governance and compliance reporting	Limited static analysis primarily for web application context	Limited static analysis capabilities focused on web security
 DAST	API and workload-focused dynamic security testing aligned with cloud-native architectures	Limited dynamic testing capabilities within broader AST suite	Full DAST capabilities for enterprise web and application environments	Strong dynamic scanning engine with deep crawling	Strong dynamic scanning with automated proof-of-exploit validation
 SCA	Software composition analysis integrated with cloud and runtime visibility	Mature SCA with strong open-source risk visibility	Integrated SCA aligned with application lifecycle governance	Basic dependency visibility within web scanning scope	Dependency detection primarily within web vulnerability assessments
 IaC Security	Infrastructure-as-Code scanning integrated with cloud posture and Kubernetes enforcement	IaC scanning integrated within DevSecOps workflows	Limited IaC coverage within broader AST focus	Not positioned for IaC security	Not positioned for IaC security
 CSPM	Full Cloud Security Posture Management across multi-cloud environments	Not positioned as a cloud posture management platform	Focused on application security rather than cloud posture	Concentrated on web vulnerability testing	Concentrated on web vulnerability testing
 KSPM	Kubernetes Security Posture Management with admission control and hardening	Kubernetes scanning via IaC and container checks within SDLC	Limited Kubernetes configuration testing	Not focused on Kubernetes posture governance	Not focused on Kubernetes posture governance
 CWPP	Cloud Workload Protection with eBPF-based runtime detection and enforcement	Emphasis on pre-deployment vulnerability detection rather than workload protection	Application-layer security testing without workload runtime protection	Web-layer vulnerability assessment	Web-layer vulnerability assessment
 Runtime Blocking	Syscall-level enforcement using eBPF and KubeArmor enabling real-time workload blocking and microsegmentation	Vulnerability identification with remediation workflows but no runtime enforcement layer	Detection-driven remediation without runtime blocking	Detection of exploitable vulnerabilities without runtime workload control	Detection with proof validation, not runtime enforcement
 Microsegmentation	Kubernetes-native microsegmentation enforcing Zero Trust policies between workloads	Not designed for network microsegmentation	Not positioned for workload microsegmentation	Not applicable to web DAST focus	Not applicable to web DAST focus
 CIEM	Cloud Infrastructure Entitlement Management with identity and privilege visibility	Does not extend into cloud entitlement governance	Not positioned for cloud identity governance	Outside scope of web security focus	Outside scope of web security focus
 AI/LLM Security	AI/LLM workload protection roadmap leveraging runtime enforcement foundation	Secure coding support for AI-driven applications within SDLC	Application testing focus without dedicated AI workload protection	Web application scanning without AI workload focus	Web application scanning without AI workload focus
 Deployment Models	Flexible deployment across SaaS, On-Premises, and Hybrid cloud environments	Available as SaaS and on-premises deployment	Enterprise SaaS and on-premises options	SaaS and on-premises web scanning deployment	SaaS and on-premises deployment models
 Open Source Foundation	Built on KubeArmor open-source foundation ensuring transparency and extensibility	Fully proprietary platform architecture	Proprietary enterprise security platform	Proprietary web security engine	Proprietary scanning technology

## About AccuKnox

AccuKnox is a Zero Trust CNAPP provider protecting multi-cloud environments, Kubernetes, VMs, and edge infrastructure.