CORESTACK®

Kubernetes Security Posture Management (KSPM)

Kubernetes misconfigurations are a leading cause of container breaches. Each represents an attack path that traditional cloud security tools don't cover. Graphion provides the necessary view “inside” a container management platform to ensure the corresponding containers operate securely, in accordance with the relevant policies – configured to support the pertinent industry standards (e.g., NIST’s SP 800-53 and ISO 27001). Graphion KSPM audits your Kubernetes environments against critical and configurable security policies, detecting risky configurations before they are exploited and ensuring your containerized workloads follow security best practices and compliance requirements.

CoreStack Solution Alignment

01 Graphion KSPM **detects high-risk configurations** including privileged containers, host namespace access, dangerous volume types, capability additions, privilege escalation paths, and missing security contexts across all clusters and CSPs.

02 **Encodes** container security policies, and **maps** those policies to the relevant compliance standards.

03 Audits critical security controls to ensure containers follow **least-privilege principles -** such as AppArmor profiles, seccomp profiles, SELinux settings, read-only filesystems, non-root execution, and resource limits.

04 Supports the creation of **automated remediation scripts** using pre-configured templates for Kubernetes violations, transforming audit findings into actionable fixes across namespaces and pods.

05 Includes **Kubernetes security posture in your overall cloud governance program**, with integrated reporting across traditional and containerized infrastructure using CoreStack’s Large Cloud Governance Model (LCGM) as the

CoreStack Differentiators

- Governance based Kubernetes Security Posture Management that works from day one
- Our LCGM integrates container platform security risks with business, application, and attack surface contexts for better prioritization and optimized remediation
- Easy to use remediation templates automatically maintain security posture

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CoreStack is an AI-powered NextGen Cloud Governance & Security Platform that enables enterprises to embrace cloud with confidence, rapidly achieving continuous and autonomous cloud governance at scale. CoreStack helps 750+ global enterprises govern more than $2B in annual cloud consumption. The company is a Microsoft Solutions Partner with Certified Software, Amazon AWS Technology Partner with Cloud Operations Competency, Oracle Cloud Build Partner, and Google Cloud Build Partner.