

Place apps in containers
Send threats overboard

October' 24

Kaspersky Container Security

kaspersky bring on
the future

Part of



Kaspersky
Cloud Workload
Security



Containerization

Containerization is one of the primary global software development trends. The technology allows to accelerate the app design and delivery process. However, traditional security solutions aren't suitable for the architectural features of containerized environments.

Protecting containerized environments and enhancing your organization's hybrid infrastructure security

Kaspersky Container Security is a security solution that covers every stage of a containerized app's lifecycle, from development to operation. It protects your organization's business processes in line with security standards and regulations, and supports implementation of the DevSecOps approach.

Kaspersky Container Security delivers comprehensive protection from the latest cyberthreats, and automates your compliance audits, freeing up the resources of your information security team to focus on other tasks, and shortening time to market.

Kaspersky Container Security has been developed specifically for on-premise and cloud containerized environments, ensuring protection at different levels from container image to host OS.

Kaspersky Container Security is a part of the Kaspersky Cloud Workload Security solution. It provides comprehensive protection from attacks and reduces threat detection and response times in cloud environments.

85%

of companies suffered >1 incident in Kubernetes within the last 12 months*

39%

of companies reported a leak of confidential data due to container security issues*

38%

of companies lost revenue within the last 12 months due to container security issues*

Key features



Integration into the development process

- Integration with image registries and CI/CD platforms
- Integration with security and notification systems



Orchestrator protection

- Enforces runtime container security
- Integration with orchestration platforms
- Monitoring processes and events in the cluster



Regulatory compliance audit

- Vulnerability analysis based on NIST database
- Best practices audits

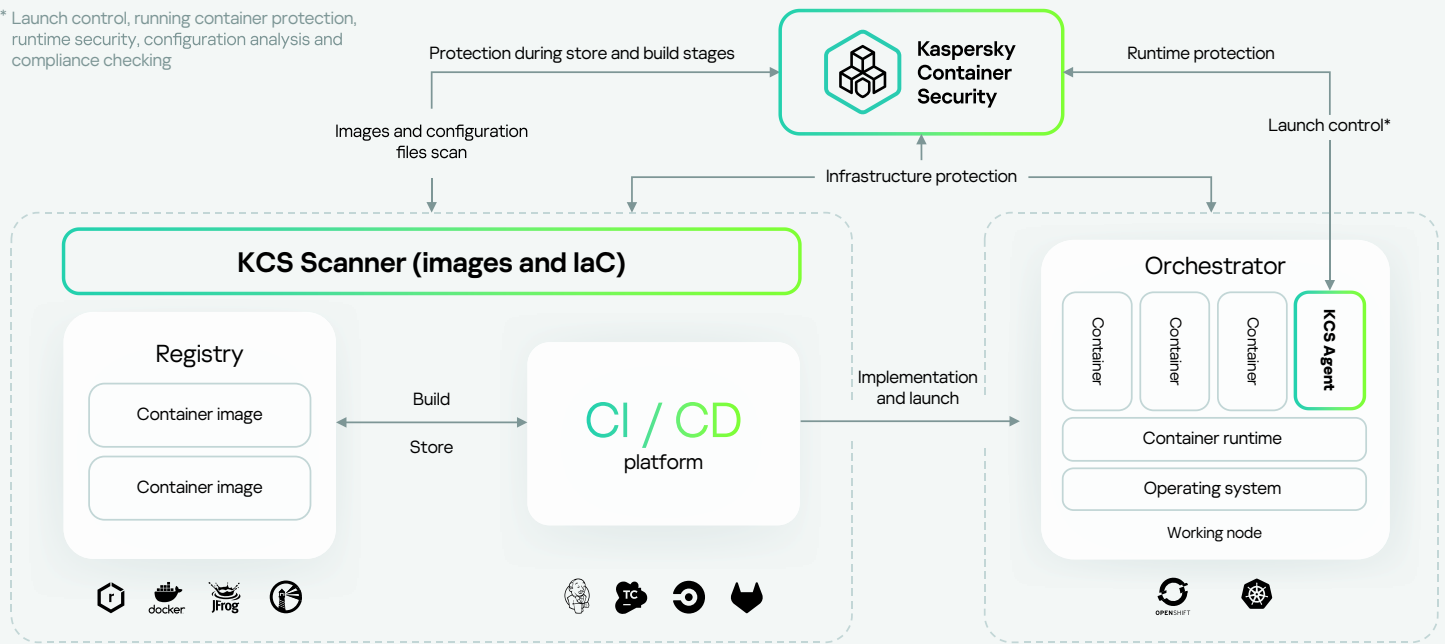


Visualization and inventory of cluster resources

- Fully customized widgets to reveal cross-section data
- Transparent inventory of resources

Kaspersky Container Security architecture

* Launch control, running container protection, runtime security, configuration analysis and compliance checking



Kaspersky Container Security (KCS) enables protection at every stage of app design and operation. It consists of three components: **KCS Agent, KCS Scanner and KCS Control Server.**

KCS Agent

Detects vulnerabilities at container, cluster, and orchestrator levels, ensuring runtime security. Installs into the cluster as a stand-alone container on each node.

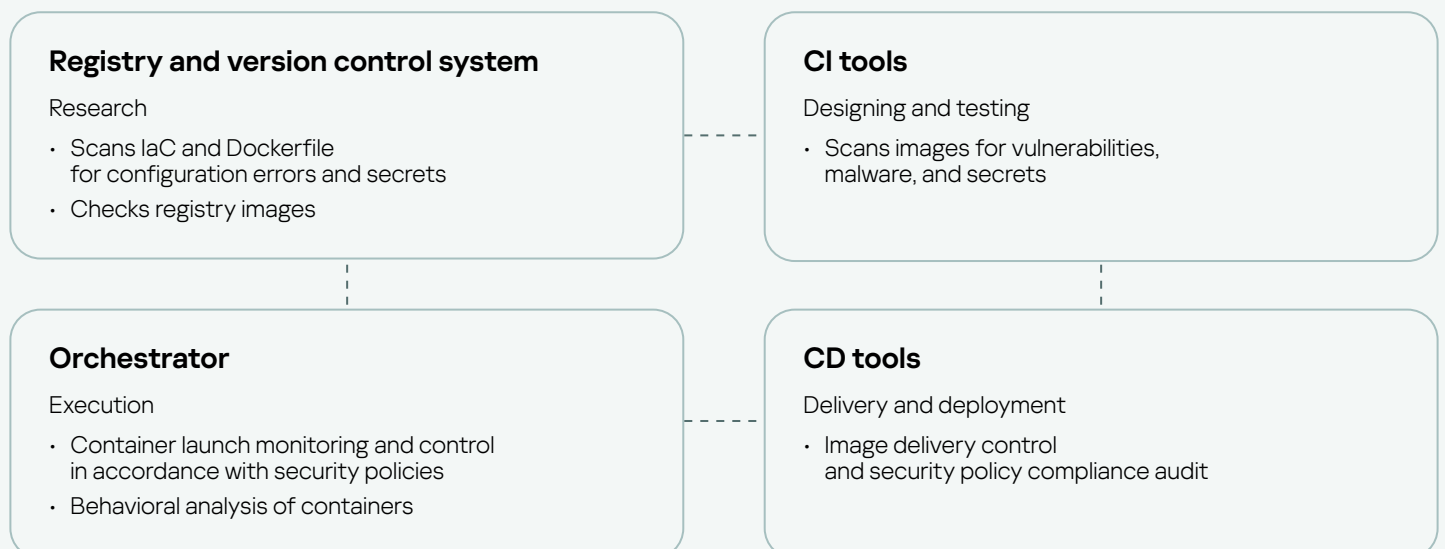
KCS Scanner of images and infrastructure

Checks the image registry for relevance and security. The scanner also checks images as part of the CI process, thus reducing the build stage risks. Installs into the cluster with the orchestrator's server components.

KCS Control Server

Responsible for monitoring the status of the solution components and interaction between them, as well as aggregation of information on detected events. Installs into the cluster with the orchestrator's server components.

Integration into the development process



Advantages for business



Globally renowned security

Kaspersky Container Security's features and capabilities are in line with global best practices for container security.

Internationally recognized and award-winning protection.



Regulatory compliance

Best practices audits.

Transparent reporting system.



Easy operation — reliable protection

Real-time visualization of threats.

Reduces the necessity of involving the information security team while improving the quality and speed of security checks.



Comprehensive protection for containerized environments

Protection at different levels of the containerized environment architecture.

App security for every stage of the lifecycle.

Licensing tiers and objects



Kaspersky Container Security

Standard

Provides container image protection, integration with image registries, orchestrators, CI/CD platforms, and SIEM solutions.



Kaspersky Container Security

Advanced

Ensures protection of containers in the runtime environment, provides enhanced monitoring capabilities and tools for compliance checks.

1 license

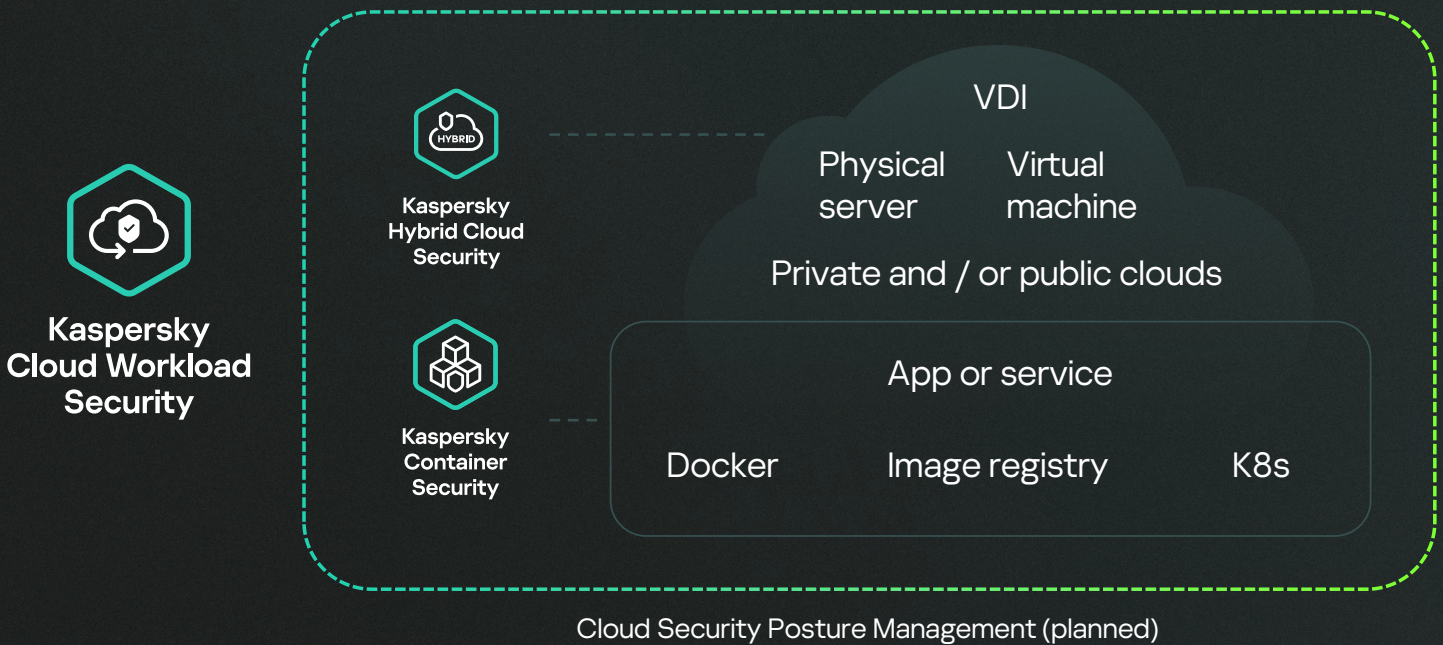


1 node with containers*

* Quantity of nodes on which the KSC Agent is deployed are taken into account

Part of Kaspersky Cloud Workload Security

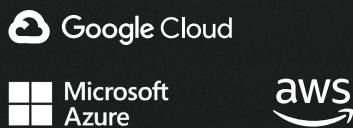
Kaspersky Container Security in combination with Kaspersky Hybrid Cloud Security forms a comprehensive cloud workload security solution ~~security ecosystem~~ for reliable, world-class protection from attacks together with shorter threat detection and response times in cloud environments. The Kaspersky Cloud Workload Security solution ensures comprehensive protection of your hybrid and cloud infrastructures: virtual machines / container clusters.



Supported solutions



Public clouds



Orchestrators



Private clouds

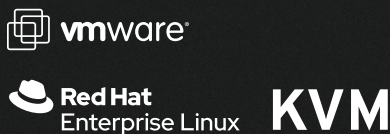


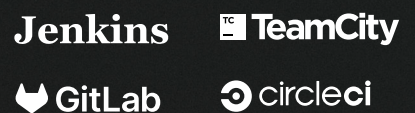
Image registries



VDI platforms



CI / CD platforms





Kaspersky Container Security

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