Licensing Guide
May' 24

Kaspersky Container Security

kaspersky

bring on
the future

Part of

Kaspersky
Cloud Workload
Security

Kaspersky Container Security

Containerization

is one of the primary global software development trends right now. Most companies globally use containers in their apps. The technology shortens time-to-market, enables more rational use of computer resources, and delivers robust and well-built apps to customers. However, the architectural features of containerized apps prevent traditional and open-source solutions designed for code analysis and endpoint protection from providing adequate information security.

Kaspersky Container Security (KCS) protects every stage of a containerized app's lifecycle, from development to operation. It protects your organization's business processes in line with industrial security standards and regulations, and supports implementation DevSecOps.

Kaspersky Container Security delivers comprehensive protection from the latest cyberthreats. It automates your compliance audits, freeing up your security team's resources so they can focus on other tasks, and shortens 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 Continer Security is a part of the Kaspersky Cloud Workload Security ecosystem. It provides comprehensive protection from attacks and reduces threat detection and response times in cloud environments.

Licensing levels

Kaspersky Container Security
Standard

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

| Base | Base Premium | Base Premium Plus |

Kaspersky Container Security
Advanced

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

| Base | Base Premium | Base Premium Plus |

Base — license with basic technical support

Base Premium и Base Premium Plus — license with a certificate for advanced technical support

Features and <mark>licensing levels</mark>

Features

	Standard	Advanced
Integration with container image registries Integrates with Docker Hub, JFrog, Sonatype Nexus OSS, GitLab Registry, Harbor	●	●
Orchestration environment support Supports Kubernetes and OpenShift	●	●
Integration with public clouds Supports AWS and Microsoft Azure	●	●
Scanning of images for malicious objects, vulnerabilities and secrets Scanning can be performed manually or automatically based on predefined parameters	●	●
Risk assessment for container images and configuration files (IaC) Automated image assessment based on criticality levels	●	●
Scanning of configuration files (IaC) Configuration error detection and best practice checks	●	●
Set of criteria in UI for creating custom policies and editing preset policies Automated image assessment based on criticality levels	●	●
Integration with CI/CD platforms and scanning of images and IaC at development stage Integrates with Jenkins, Team City and Circle CI to block images and containers when security threats are detected	●	●
Visualization tools Visualization of information about images, containers, and infrastructure elements	●	●
Reporting system Generation of reports and ability to download them from the log on demand	●	●
Integration with external security and notification systems Integration with SIEM (via syslog), LDAP, e-mail, Telegram	●	●
Open API for key product functionality (Swagger) Integration and installation convenience improvement	●	●

Container launch monitoring and control in accordance with security policies

Product can prohibit launch of non-compliant images, unregistered images, and images with privileges, as well as mount specific datastores in containers.

●

Detecting and scanning images in a cluster

Ability to scan images at runtime

●

Behavioral analytics of containers (based on templates)

Monitoring containers based on the preset profile

●

Container integrity monitoring

Monitoring consistency between scanned image and image from which container is running

●

File threat protection for running containers (eBPF and KESL -based)

Preventing potential attacks on orchestrator via containers in runtime

●

Controls the launch of applications and services inside containers

Detecting and blocking suspicious activity inside containers

●

Monitors the traffic of running containers

Detecting and blocking suspicious activity between containers in cluster and between clusters

●

Container platform component configuration analysis for best practice and regulatory compliance

Infrastructure analysis for compliance with CIS standards to improve environment security level

●
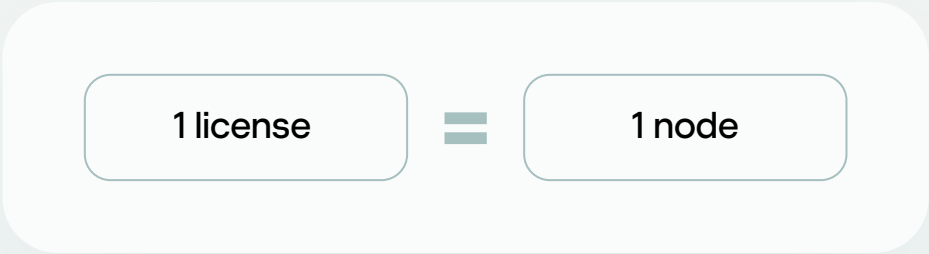
Visualization of resources in a cluster

View key information about the state of a cluster and its components

●

Licensing objects

Nodes with containers

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

1 license	=	1 node

Premium technical support

Kaspersky Container Security offers two premium technical support options: Premium and Premium Plus.

	Premium	Premium Plus
Incident request receiving format	Criticality level 1 — on 24×7, the rest — from 10 a. m. to 6:30 p. m (Moscow time)	Criticality level 1 and 2 — on 24×7, the rest — from 10 a. m. to 6:30 p. m (Moscow time)
Incident response time	Criticality level 1 — 2 hours* Criticality level 2 — 6 business hours Criticality level 3 — 8 business hours Criticality level 4 — 10 business hours	Criticality level 1 — 30 minutes* Criticality level 2 — 2 hours Criticality level 3 — 6 business hours Criticality level 4 — 8 business hours
Contact persons	4 — the possible number of contact persons from the customer's side	8 — the possible number of contact persons from the customer's side Personal technical manager Provides reports to the customer on open incidents

* Outside of business hours, additional contact by phone is required

License calculation examples

Scenario A

The customer needs to secure container images ONLY

Scenario B

The customer needs to secure not only container images, but also runtime apps, and they also want to check their compliance

For example, in both cases the customer has a total of 810 nodes deployed in infrastructure. On 500 nodes from total amount deployment of containers is planned. Despite the customer purposes described in scenarios A and B we should consider only nodes on which containers are deployed where 1 node count as a 1 license.

500 nodes = 500 licenses

500 licenses

Kaspersky Container Security Standard Base / Premium / Premium Plus (MSA)*

500 licenses

Kaspersky Container Security Advanced Base / Premium / Premium Plus (MSA)*

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

Comprehensive protection for containerized environments

- Protection at different levels of the containerized environment architecture
- App security for every stage of the lifecycle

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
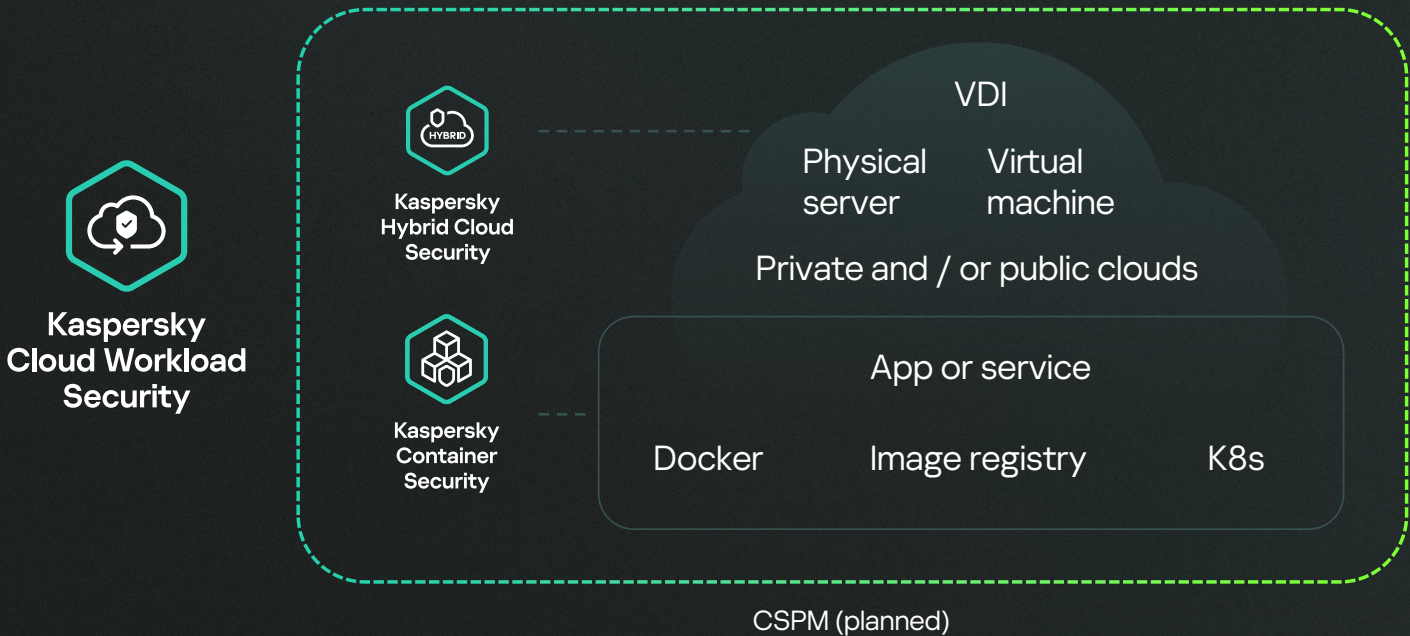
Regulatory compliance

- CIS benchmarks audits
- Transparent reporting system

* A license with Maintenance Service Agreement (MSA) included provides advanced and premium support options that help resolve high-priority IT security issues and ensure uninterrupted business continuity within the customer organization.

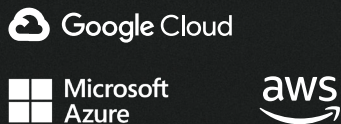# Part of Kaspersky Cloud Workload Security

Kaspersky Container Security in combination with Kaspersky Hybrid Cloud Security forms a cloud workload 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 ecosystem ensures comprehensive protection of your hybrid and cloud infrastructures: virtual machines/container clusters.
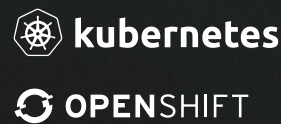
Kaspersky Cloud Workload Security

Kaspersky Hybrid Cloud Security

Kaspersky Container Security

VDI

Physical server

Virtual machine

Private and / or public clouds

App or service

Docker   Image registry   K8s

CSPM (planned)

Supported solutions

Kaspersky Hybrid Cloud Security

Public clouds	Google Cloud, Microsoft Azure, aws
Private clouds	vmware, Red Hat Enterprise Linux, KVM
VDI platforms	vmware, TERMIDESK, Citrix

Kaspersky Container Security

Orchestrators	kubernetes, OPENSHIFT
Image registries	dockerhub, HARBOR, JFrog, nexus repository
CI / CD platforms	Jenkins, TeamCity, GitLab, circleci
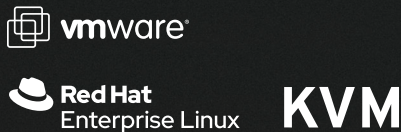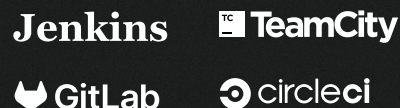
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Learn more

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