Kaspersky
Cloud Workload
Security

Kaspersky Cloud Workload Security

May' 24

kaspersky bring on the future

Cloud migration overview

>90%

of organizations use some type of cloud*

80%

of organizations use containers in different environments**

72%

of respondents use hybrid clouds***

According to Frost & Sullivan, the CWS market will increase from $3-billion in 2022 to $9,8-billion in 2027, with a CAGR of 26,3%.

Speeds up processes

Reduces costs

Improves performance

Brings new risks

Cloud migration and the adoption of containerization technologies have become key components of success for businesses of every type, even those in highly regulated and closed industries. But the more workloads that are transferred to the cloud, the more complex and less controlled and transparent a cloud infrastructure becomes. This rapid transfer has brought new risks, as security doesn't always keep up with business transformation.

To provide better protection for business-critical services, enterprise-level companies tend to adopt a hybrid cloud approach with different mixes of on-premise and private / public cloud infrastructures.

But even in hybrid cloud environments, traditional security solutions, mostly based on endpoint protection, tend to become ineffective, due to the specifics of the cloud environment. These infrastructures need to work in combination with cloud workload security solutions to fully protect modern IT infrastructures.

Sail on through cloud obstacles

Kaspersky Cloud Workload Security (Kaspersky CWS) is an ecosystem of comprehensive protection for hybrid cloud and DevOps infrastructures. It secures hosts, virtual machines, instances in public/private clouds, containers and Kubernetes from the broadest range of cloud security risks, from malware and phishing to rogue containers in runtime.

Kaspersky CWS:

Frees up

your information security service resources to address other tasks

Ensures compliance

in any cloud environment

Reduces operational

and infrastructure costs

Improves visibility

The ecosystem offers flexible licensing and easily integrates into your existing IT landscape. Kaspersky CWS is the ideal fit for companies with diverse and complex IT infrastructure.

* AAG. The Latest Cloud Computing Statistics, 2023
** CNCF. Annual Survey, 2022
*** Flexera. State of the Cloud Report, 2023

Kaspersky CWS benefits your entire organization

Business

- Saves on costs
- Reduces risks
- Speeds up business processes
- Boosts efficiency

IS department

- Secures cloud workloads and apps / services
- Enhances all-round visibility
- Risk management
- Supports regulatory compliance

IT department

- Optimizes hybrid cloud computing resources
- Improves infrastructure performance
- Provides visibility across your infrastructure
- Reduces IT incidents

Development department

- Enables faster time-to-market
- Provides transparent inventory of resources
- Saves time with automation
- Increases the reliability of apps and services

Ecosystem components

Kaspersky CWS consists of Kaspersky Hybrid Cloud Security and Kaspersky Container Security, with Cloud Security Posture Management (CSPM) functions to be added in the future.

Kaspersky Hybrid Cloud Security

Kaspersky Hybrid Cloud Security secures entire hybrid infrastructure fighting the broadest range of cyberattacks while going easy on your resources. Key capabilities:

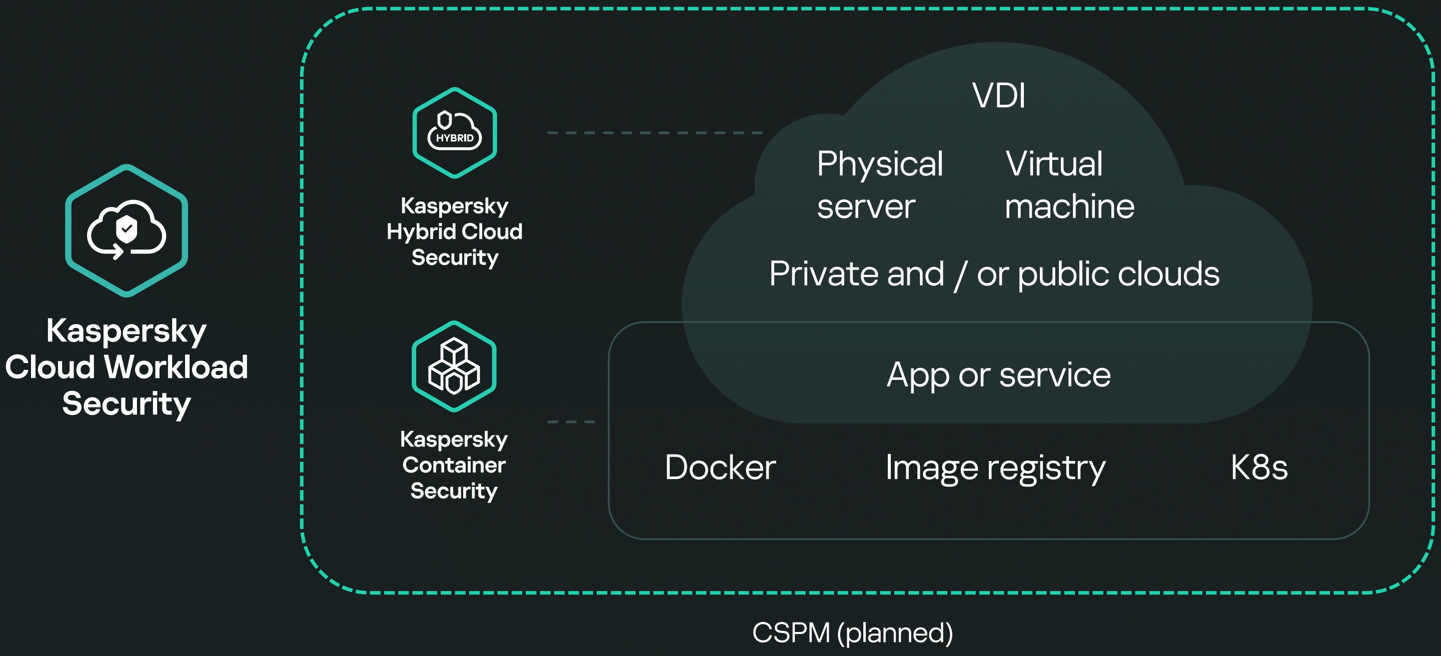
- Multi-layered hybrid cloud threat protection
- System hardening that boosts resilience
- Extensive regulatory compliance toolbox
- Borderless visibility

Kaspersky Container Security

Kaspersky Container Security detects security issues at every stage of the containerized app lifecycle, from development to operation. Key capabilities:

- Integration into the development process
- Orchestrator protection
- Regulatory compliance audit
- Visualization and inventory of cluster resources

How it works


Kaspersky Cloud Workload Security
HYBRID
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)

Key features

Protection you can rely on from a top-tier vendor

The Kaspersky CWS ecosystem provides the highest safety level standards and offers top quality “one-stop shop” technical support. It integrates with other Kaspersky solutions, so we could cover your cybersecurity risks the best way possible

Specifically designed to address cloud workload security risks

Multi-layered threat protection proactively fights the broadest range of cyber risks from malware and phishing to rogue containers in runtime

Smooth cloud migration with cost-efficient out-of-the box-security

Choose only the capabilities you need to protect all your workloads – physical, virtualized or containerized, regardless of where they’re deployed (private, public, or hybrid clouds)

A resource-saving cloud security ecosystem for complex infrastructures

State-of-the-art technology saves up to 30% of virtualization hardware resources on protection in private clouds, and avoids degradation of cluster performance

Better, faster security checks

The Kaspersky CWS ecosystem helps to forecast time-to-market by automating information security compliance checks

Compliance-ready multi-environmental security

The Kaspersky CWS ecosystem supports ongoing regulatory compliance for cloud infrastructures, including CIS benchmarks and self-scanning

Supported solutions

Kaspersky Hybrid Cloud Security

Public clouds	AWS, Microsoft Azure, Google Cloud, Yandex Cloud with the ability to integrate with smaller local public clouds and / or MSP providers
Private clouds	Based on VMware, KVM, RHEL and others
VDI platforms	VMware Horizon, Termidesk VDI, Citrix Virtual Apps and Desktops

Kaspersky Container Security

Orchestrators	Kubernetes, OpenShift
Image registries	Docker hub, Harbor, jFrog, Nexus
CI / CD platforms	Jenkins, TeamCity, GitLab, CircleCI

Licensing

The Kaspersky CWS ecosystem combines two standalone solutions with separate licenses. This offers unique flexibility and allows customers to adjust the ecosystem to their specific tasks.

Kaspersky Hybrid Cloud Security

Standard

Fundamental hybrid cloud security

Kaspersky Hybrid Cloud Security

Enterprise

Comprehensive hybrid cloud security with regulatory compliance support

Kaspersky Container Security

Standard

Container image security

Kaspersky Container Security

Advanced

Runtime security and regulatory compliance

Example

Use cases	KHCS Standard	KHCS Enterprise	KCS Standard	KCS Advanced
Basic VM security + Container image security	●		●	
Basic VM security + Container runtime security	●			●
Advanced VM security + Container image security		●	●	
Advanced VM security + Container runtime security		●		●

Advantages for business

Cost saving

- Choose only the capabilities you need
- Resource-saving features and technologies

Reduced risks

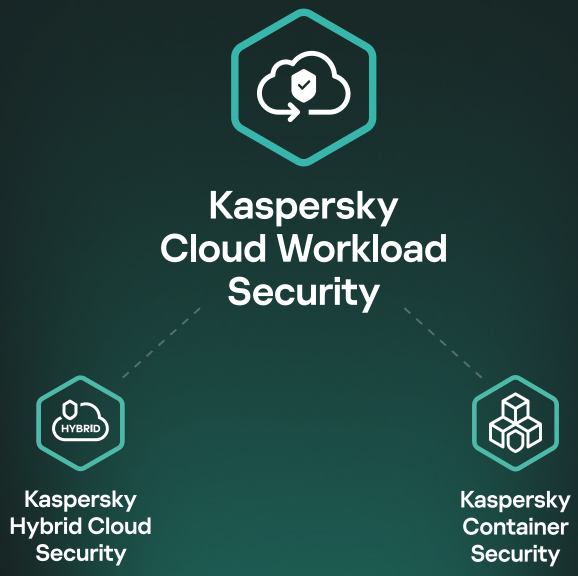
- Rich protection functionality for multicloud and container infrastructures
- Regulatory compliance for cloud and DevOps

Faster business processes

- Automation of security checks
- Predictable time-to-market

Improved efficiency

- Shift-left approach
- 360° overview in multicloud and Kubernetes



Kaspersky Cloud Workload Security

Kaspersky Hybrid Cloud Security

Kaspersky Container Security

Kaspersky Cloud Workload Security

Learn more

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