Kaspersky®
Endpoint Security
for Linux

Reliable protection for Linux-based servers and workstations

Often the OS of choice for high-performance servers and cost-efficient workstations, Linux is gaining a major foothold in business. Its increased adoption is driving the need for appropriate protection, and its presence on a growing range of business-critical systems makes securing Linux-based servers and endpoints against rapidly evolving threats a matter of vital importance.

Kaspersky Endpoint Security for Linux provides Next Generation protection against all types of cyberthreat, on a comprehensive range of Linux platforms. The application delivers multi-layered protection with minimal impact on other applications or on overall system performance, and is available within our comprehensive product portfolio – including in Kaspersky Endpoint Security for Business.

A recognized leader

In 2017, Kaspersky Lab's security products participated in 86 independent reviews, were awarded 72 firsts and achieved 78 top-three finishes. The world's Most Tested & Most Awarded security technologies achieve higher detection rates than those of any other leading vendor.

Kaspersky HuMachine™ approach

Machine learning capabilities, global 'big data' threat intelligence and two decades of human expertise come together to deliver optimum protection with optimum efficiency.

Kaspersky Security Network

Kaspersky Security Network is an intricate distributed infrastructure which delivers a faster-than-ever response to new threats, improving the performance of protection components and minimizing the risk of false positives.

Part of a single product – no hidden costs

Protection for Linux based devices is just one of the applications built into Kaspersky Endpoint Security for Business and other products. There are no hidden costs - one product means one license, with all you need to protect your IT estate.

Highlights

Next Generation protection

Our proactive security technologies help minimize opportunities for threats to reach your endpoints – and help identify and block threats that do make it into your Linux environment. As well as detecting and blocking threats that target Linux computers, the application also watches out for Windows and Mac-based threats that could be on one of your Linux node or Linux-based file storage.

High level of usability and performance

The application is specifically designed to have minimal impact on other programs and on overall system performance. The graphical user interface (GUI) is designed for major desktop environments and this, together with improved command line management capabilities, simplifies task execution and daily reporting.

Single management console

All security functions are easily controlled via a single management console – Kaspersky Security Center – that also acts as a central point for managing many other Kaspersky Lab security applications.

Features

Multi-layered protection

Protection from zero-day attacks
Cloud-assisted threat intelligence from the Kaspersky Security Network enables the near real-time, rapid detection and response to Linux and other OS threats, with minimum false positives or workflow disruption.

Anti-ransomware
Contains a unique anti-cryptor mechanism capable of blocking the encryption of files on shared resources from a malicious process running on another machin on the same network.

Detection of 'body-less' malware
Scanning disk boot sectors, as well as the memory of launched processes, helps spot sophisticated threats such as so-called 'body-less' or memory-only malware.

File Integrity Monitor
Can guarantee the integrity of system files, logs and critical applications by tracking unauthorized changes in important files and directories.

Real-time and on-demand scanning
Observes all files launched or opened, and disinfects infected files. Scans specified areas of the system, according to a schedule or on-demand, and supports file scanning for non-privileged users.

Optimized performance

Load balancing
Built-in resource load balancing and optimized scanning technology – with the option to exclude trusted processes – enhances overall performance while reducing resource consumption.

Fanotify support
Supports fanotify and allows on-access scanning to run on kernels, without needing to compile additional modules.

Resource savings
Adjusts automatically system resources usage and performs self-control to reduce server load while maintaining optimal protection levels.

Beyond security management

Firewall management
Allows you to configure and manage built-in Linux OS firewall settings: the application enables the creation of firewall rules policies, network activity logs and security incident reviews, all from one place.

Graphical user interface
The GUI is optimized for Linux and this, together with improved command line management capabilities, simplifies task execution and daily reporting.

Uninterrupted operation
Following an OS update on a workstation or server, there's no need to re-install or undertake a fresh install – protection is up and running without the need for administrator involvement.

System requirements

For the most complete, up-to-date requirements, please refer to the Knowledge Base.

General requirements
- Intel Core 2 Duo 1.86 GHz or higher processor
- RAM: 1 GB for a 32-bit OS (2 GB for a 64-bit OS)
- 1 GB free disk space

Operating systems
- CentOS-6.9 x86 / x64
- Debian GNU/Linux 8.9 x86 / x64 or higher
- Red Hat® Enterprise Linux® 7.4 x64 or higher
- Ubuntu Server 16.04 LTS x64 or higher
- openSUSE® 42.3 or higher

Version requirements for subscription

Please check with your local partner about subscription availability in your country – and see the relevant system requirements here.

How to buy
Kaspersky Endpoint Security for Linux is included in the following products:
- Kaspersky Total Security for Business
- Kaspersky Endpoint Security for Business Advanced
- Kaspersky Endpoint Security for Business Select

The above products can also be purchased on subscription – with flexible, monthly licensing.

You can also buy it as standalone targeted solutions Kaspersky Security for File Server and Kaspersky Hybrid Cloud Security.

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Machine Learning

Big Data / Threat Intelligence