Powered by **kaspersky**

Nextcloud Antivirus App Powered by Kaspersky

Nextcloud, the industry-leading, on-premises content collaboration cloud platform, and Kaspersky, a leading global cybersecurity company, present an innovative anti-malware app for Nextcloud.

With online collaboration tools becoming central to remote and distributed work in modern organizations, risks of malicious files spreading over the internal network have to be mitigated. The secure, on-premises content collaboration technology from Nextcloud integrates Kaspersky Scan Engine, Kaspersky's flagship integrated security product, to automatically scan user files when they are uploaded to the cloud and ensure no dangerous malware can spread.

Application Area

- The Nextcloud antivirus app is primarily designed for current Nextcloud customers who wish to improve the security of their cloud by adding an extra level of anti-malware protection.
- **Kaspersky Scan Engine is currently available to business customers only.**

Why Kaspersky?

Nextcloud has had an anti-virus app using the open source ClamAV engine to scan files on upload and periodically in storage for a long time. But ClamAV has its limitations and large customers have been asking about more enterprise-ready options.

- ClamAV is a free product providing only the most basic anti-malware protection features. Meanwhile, Kaspersky has been a leader of antimalware and cybersecurity market for decades.
- The last time ClamAV has participated in independent comparative anti-malware product tests, to the best of our knowledge, was in 2015. Kaspersky, on the other hand, has been the **Most Tested, Most Awarded anti-malware vendor** each year since 2013.
- Kaspersky Scan Engine fully uses the advantages provided by KSN. ClamAV doesn't have a similar global ecosystem, inevitably leading to poorer detection rate and longer reaction to the emergence of new threats.
- ClamAV uses Google's Safe Browsing database for malicious URL checking instead of maintaining its own arrays of detection tools and dedicated research teams, as Kaspersky does.
- Kaspersky Scan Engine has a Format Recognizer tool to accelerate and improve threats detection. We have no knowledge of any similar features in ClamAV.

Product Features

Kaspersky Scan Engine for Nextcloud is an indispensable solution for enterprise users of Nextcloud's on-premise private Infrastructure-as-a-Service (IaaS) clouds. The cross-platform nature of Nextcloud, with clients on mobile and desktop operating systems, means users can unknowingly upload and share infected files that might not affect their device, or even intentionally try to spread them through a public Nextcloud instance. The integrated Kaspersky Scan Engine will intercept and block the upload on the server side, making sure the file is not distributed to other users.

- Award-winning Kaspersky anti-malware technology provides the best-in-class malware detection rates and can instantaneously react to emerging threats.
- Protection from 'classic' malware as well as Trojans, ransomware, crypto-miners, spyware, adware, and countless other threats.
- Malicious, phishing and adware URLs are detected and filtered out.
- Advanced heuristics analyzer and machine learning-based detection technologies.
- By leveraging Kaspersky Security Network (KSN), a depersonalized community of hundreds of millions of Kaspersky product users, Kaspersky Scan Engine is able to detect the newest threats literally minutes after they first appear in the wild.
- Kaspersky Scan Engine integrates with Nextcloud via Nextcloud Antivirus App as a REST-like service that receives HTTP requests from Nextcloud, scans objects passed in these requests, and sends back HTTP responses with scan results.

Kaspersky Scan Engine includes a graphical user interface that allows the users to easily configure the product behavior, review its service events, and scan results. Reports export is supported as well.

Recent Kaspersky Awards from Independent Testers

AV comparatives — Top Rated 2019

SE Labs INTELLIGENCE-LED TESTING — BEST Consumer Anti-Malware — WINNER 2019

AV TEST av-test.org 2019 — AWARD BEST PERFORMANCE — Kaspersky Internet Security

MRG Effitas CERTIFIED — 360° ASSESSMENT — Q1 2020

...and more – for details see **www.kaspersky.com/top3**!

About Kaspersky Scan Engine

Kaspersky Scan Engine is a server-side security solution that provides anti-virus protection, HTTP traffic scanning, and file and URL reputation checking for third parties' client-side solutions.

- Kaspersky Scan Engine (KSE) delivers comprehensive protection from malware, Trojans, worms, rootkits, spyware, and adware for a wide range of applications. It can be used with various products and services including desktop applications, server solutions, proxy servers, and mail gateways.

- Kaspersky Scan Engine is very easy to install and configure, and no development is needed with out-of-the box installation. The solution will be running within minutes.

- Based on Kaspersky Anti-Virus Software SDK and the award-winning Kaspersky Anti-Virus Engine, KSE employs all the newest methods of detection and removing various types of malware.

Integration Scenarios

Web and Proxy Gateways	File Servers	NAS
Mail Servers	Cloud and Data Centers	Embedded Devices and IoT

How to Install Kaspersky Scan Engine for Nextcloud

① Request a trial version of Kaspersky Scan Engine from Kaspersky web site: www.kaspersky.com/partners/technology/contact

② Install and set up Kaspersky Scan Engine according to the following guidelines: https://support.kaspersky.com/ScanEngine/1.0/en-US/179682.htm

③ Install Nextcloud Antivirus App from Nextcloud Marketplace

④ Set up Nextcloud Antivirus App:

- After installing the Nextcloud antivirus app you can configure it in the security section of the admin settings.

- You can configure the antivirus app to use the Kaspersky Scan Engine by setting the mode to "Kaspersky Daemon" and entering the host and port where the scan engine can be reached.

- Additionally, the maximum size of files to be scanned can be configured, and the behavior of infected files found during the background scan can be changed.

⑤ Request a commercial Kaspersky Scan Engine license by writing to ta_sales@kaspersky.com or contacting an authorized Kaspersky partner.

Frequently Asked Questions

Q: Why do I need a Nextcloud antivirus if all the endpoints already have anti-malware solutions in place?

A: Nextcloud is a cross-platform service meaning that its users can access the cloud from multiple desktop and mobile platforms, not all of which might have anti-malware solutions readily available. Furthermore, some of the customers might deactivate their anti-malware solution, use a less effective solution, have an expired license, or even try to intentionally upload malware to the cloud.

Q: Can I just install a server-side security product on the server where Nextcloud is based and set it up to scan all files?

A: Nextcloud has already tried this approach and concluded that this is an inefficient way of safeguarding their cloud from malware.

Q: Is Kaspersky Scan Engine included in other Kaspersky enterprise-grade solutions, such as Kaspersky Endpoint for Business Select and/or Advanced?

A: No, Kaspersky Scan Engine is a completely separate product, and as such, needs to be purchased separately.

Q: Is it safe to use a Kaspersky product in view of the allegations against the company I have seen on the Internet?

A: Kaspersky is one of the most transparent cybersecurity vendors in the world. The company is fully compliant with GDPR in Europe and similar privacy regulations all over the world. Not a single proof of any of the allegations against Kaspersky has ever been found over the years. For more information about Kaspersky's transparency and privacy principles, please see www.kaspersky.com/about/transparency.

Kaspersky Technology Alliances

Kaspersky technologies are offered for integration into third party hardware and software security products and services. All solutions are backed by professional technological partnership support.

Learn more at www.kaspersky.com/oem