

# Kaspersky launched the 'super-security' Kaspersky OS operating system

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Kaspersky, a company known for its security in general and antivirus software in particular, recently launched an operating system developed by its own company called **Kaspersky OS** . The company said the operating system has been developed for 14 years and was designed from scratch to be anti-hacked - instead of building on the **Linux kernel** like many other operating systems.

Kaspersky OS launched on Kraftway Layer 3 Switch, according to CEO Eugene Kaspersky on the blog. Company leaders, however, have not revealed much about the new operating system.



**Layer 3 Switch** is the first tool to run Kaspersky OS and is designed for networks with strict data security requirements and towards the basic infrastructure of IoT devices.

Kaspersky OS is developed based on Microkernel Architecture: a new security operating system based on the microkernel architecture allows users to perform many customizations to suit their requirements. Therefore, depending on the specific requirements of each user, they can design Kaspersky OS using different operating system control blocks.

Kaspersky OS does not develop on Linux: One of the three main differences of the new operating system, according to Kaspersky, is that it was built from the beginning and has nothing to do with Linux at all.

" All popular operating systems are not designed with security priorities in the first place, so it's easier and safer for us to start from scratch and do everything right. exactly what Kaspersky has done "- security firm announced.

## Why is Kaspersky OS anti-hacked?

That's **thanks to the security system available for this operating system** . Accordingly, the integrated security system in Kaspersky OS has the ability to control the " *behavior* " of applications and modules. Kaspersky believes that hackers cannot do anything about their operating system because in order to be illegally penetrated, hackers will have to break the digital signature of the account holder, and this can only be done by computer quantum.

" *In order to hack this platform, a hacker needs to break the digital signature, which for computers before quantum computers - costs expensive,*" Kaspersky said.

The security firm also talked about recent **DDoS attacks** that affected many websites, assuring that Kaspersky OS will protect devices, such as industrial control systems, or IoT devices from network attacks.

The most recent attack is the DDoS attack against Dyn's DNS server, which has caused massive disruptions to websites such as Amazon and Twitter. The attack was carried out by the Mirai botnet, which infects smart devices such as security cameras. Kaspersky said that protecting IoT devices and other basic infrastructures, from security risks, is mandatory.

" *I hope everyone will understand, no matter how difficult it is, it is better if we build infrastructure, IoT devices from scratch in the way that hackers cannot attack. is our basic goal for Kaspersky OS* "- Kaspersky CEO said.

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