



**Kaspersky®
Cloud Security**



Secure Hyper Converged infrastructure with Kaspersky Security for Virtualization

Advanced Cybersecurity For Nutanix platform

While virtualization can improve IT agility and efficiency, it also adds more layers of technology. Maintaining full visibility for each layer – and how they interact – can be difficult. And more layers generally means more ‘attack surfaces’, increasing the ways in which cybercriminals can attack your business.

Together, Nutanix and Kaspersky Lab deliver a secure, scalable compute and storage solution for virtualized applications. Virtual servers and desktops running on Nutanix nodes are protected by powerful Kaspersky Security for Virtualization solution, while preserving all the performance benefits that virtualization brings. It’s a winning combination for an optimized environment.

Security That Works Closely With Your IT

A Security Virtual Machine (SVM) on each host scans all VMs centrally, while a powerful but lightweight agent deployed on each VM allows advanced security features, including anti-cryptor, memory and processes protection, application, device and web controls, anti-malware protection for IM, mail and web, plus advanced heuristics together with Automatic Exploit Prevention, to be activated.

In agentless configuration, Kaspersky Security for Virtualization integrates natively with VMware NSX. With no additional agent required on each VM, systems impact on virtual platform performance is near-zero, administration is reduced, and each VM is protected instantaneously.

Kaspersky Security for Virtualization supports and integrates with most popular virtualization platforms, including VMware vSphere, Microsoft Hyper-V and KVM. Your business critical infrastructure benefits from optimized performance that fully exploits your hypervisor’s own core technologies – complementing and enhancing security in, for example, VMware Horizon and Citrix XenDesktop VDI environments.

Multi-layered Protection for Any Virtualization

Kaspersky Security for Virtualization adds powerful multi-layered protection with the lightest of resource footprints, resulting in a significantly higher machine density than traditional anti-malware solutions can deliver. So you can effectively protect your systems and sensitive corporate data, while maintaining high consolidation ratios and quality of service for your users.



Kaspersky Security for Virtualization Light Agent and Agentless. Two approaches in one solution, delivering powerful protection combined with efficient performance for your virtual environment.

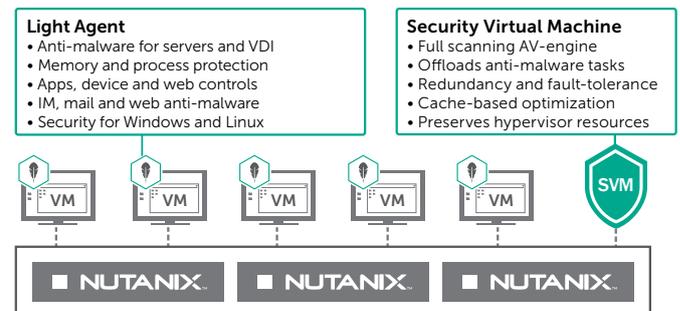
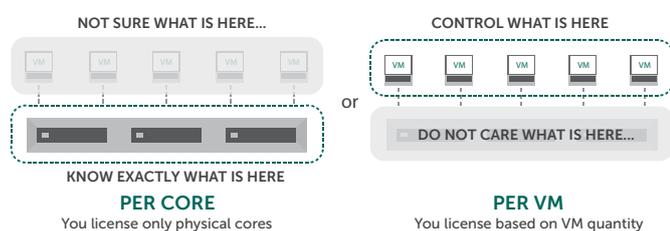


Figure 1. Architecture of KSV Light Agent on Nutanix

For virtualized environments, maintaining security without affecting performance is critical. Kaspersky Security for Virtualization uses patented technologies to strengthen the protection of VDI and server platforms at individual VM (virtual machine) level, with minimal impact on performance. Kaspersky's award-winning anti-malware engine provides automatic, real-time protection for every VM on most popular virtualization platforms including VMware vSphere and Microsoft Hyper-V.

Packaging and Licensing

You may deploy both Agentless and Light Agent security at the same time with a single licensing key. This gives you a flexibility in how you protect your business critical environment. You simply choose a licensing scheme convenient for you and your infrastructure.



For more information about Kaspersky Security for Virtualization, visit <http://www.kaspersky.com/enterprise>



Per VM licensing examples:

| Nutanix Platform | VM, Qty and type | KSV licenses |
|------------------|------------------|--------------------|
| Any Platform | 400 x VDI | 400 x KSV, Desktop |
| Any Platform | 200 x Servers | 200 x KSV, Server |

Per Core licensing examples:

| Nutanix Platform | Cores Per Node | KSV licenses |
|------------------|----------------|----------------------|
| NX-1065S-G5 | 8 or 12 | 8 or 12 x KSV, Core |
| NX-3060-G5 | 16 - 36 | 16 - 36 x KSV, Core |
| NX-3155-G5 | 16 - 36 | 16 - 36 x KSV, Core |
| NX-3175-G5 | 24 - 44 | 24 - 44 x KSV, Core |
| NX-6035C-G5 | 16 | 16 x KSV, Core |
| NX-6035-G5 | 16 or 20 | 16 or 20 x KSV, Core |
| NX-6155-G5 | 28 | 28 x KSV, Core |
| NX-8035-G5 | 12 - 36 | 12 - 36 x KSV, Core |
| NX-8150-G5 | 16 - 44 | 16 - 44 x KSV, Core |

Note: Both Agentless and Light Agent protection options are available under a single license. You only need to choose a convenient licensing scheme for your environment.

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 #HuMachine

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