KASPERSKY SECURITY FOR VIRTUALIZATION

Superior, flexible and efficient protection for your virtual server and desktop environments

Data breaches involving virtual environments cost over twice as much, on average, as those that don't. So it's not surprising businesses today are highly concerned about virtual systems security. But finding a solution which provides effective security for growing Virtual Desktop Infrastructure (VDI) as well as virtual server environments, while retaining all the benefits of virtualization, is not easy.

Virtual and physical endpoints face the same security threats — cybercrime makes no distinctions — so you can't afford to compromise on security. Nor, of course, on performance. Which is where Kaspersky Security for Virtualization, and its unique architecture, comes in.

Kaspersky Security for Virtualization delivers outstanding multi-layered, granular protection for VDI and virtual server environments. We do this in a way nobody else does, quite straightforwardly, without compromising the performance of your virtual infrastructure.

Highlights

OUTSTANDING PROTECTION
- **Industry-leading multilayered protection for all your virtual machines (VMs) against known, unknown and advanced threats.**
- Integration with the cloud-based Kaspersky Security Network (KSN) proactively defends VDI and servers against emerging global malware.
- Application controls (incorporating dynamic whitelisting) plus web and device controls allow your IT administrator to enforce policies on VDI, at group or individual machine level, keeping users safe and productive.
- A powerful combination of network attack blocker, firewall, Host-based Intrusion Prevention (HIPS) and anti-phishing technologies protects your VMs from network attacks.

BETTER PERFORMANCE
- **Our innovative patented[1] design ensures a light resource footprint, optimizing consolidation ratios for maximum density.**
- Shared cache technology means no duplication of scanning effort - particularly important for virtual desktops where so many files are replicated between machines.
- Anti-malware update and scanning 'storms' as well as vulnerability windows or 'instant-on' gaps are eliminated.

vmware PARTNER TECHNOLOGY ALLIANCE · vmware READY NETWORKING AND SECURITY · CITRIX READY · VBLOCK READY
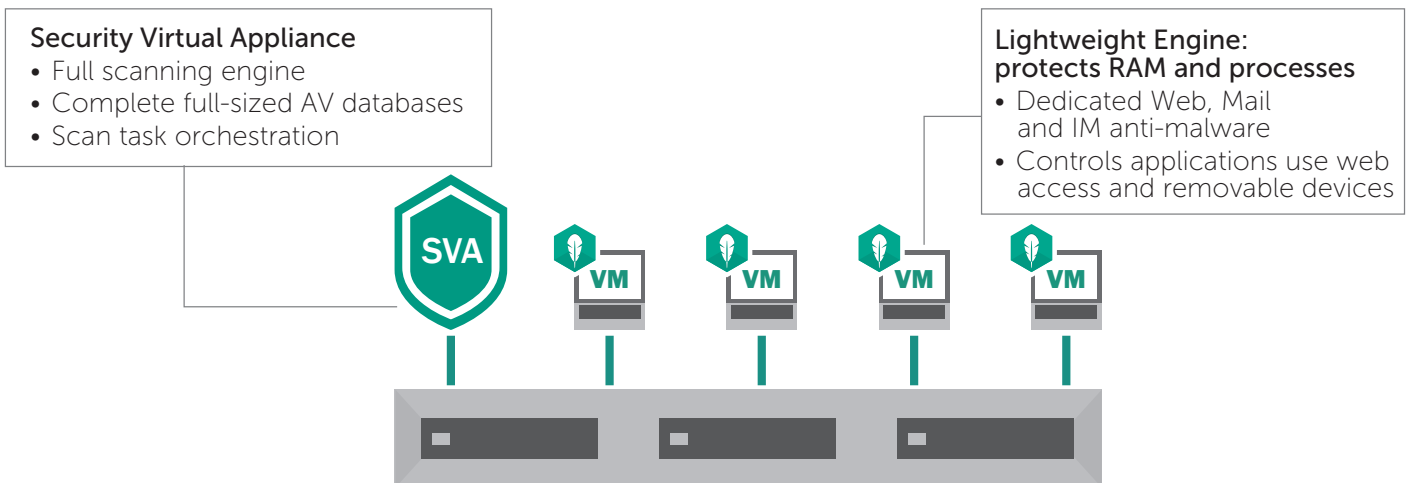
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1 US Patent № 9088618

GREATER EFFICIENCY

- **To start protecting your virtual machines, you need only deploy a single security virtual appliance. Deploying a Light Agent to each VM for deeper protection is very straightforward, with no need to reboot.**
- A single console means that physical and virtual machines, and mobile devices, can all be managed together.
- Because deployment and administration follows the familiar logic of physical machine security, so that processes feel natural and instinctive, you can look forward to greater efficiency with little opportunity for configuration error.

SUPERIOR FLEXIBILITY

- Kaspersky Security for Virtualization supports all the leading virtualization platforms — VMware, Citrix and Microsoft.
- Flexible licensing — choose from licensing based on number of machines (desktops or servers) or hardware resources (number of cores).

Kaspersky Lab's Unique Light Agent Technology

HOW IT WORKS AND WHAT IT DOES

Security Virtual Appliance
- Full scanning engine
- Complete full-sized AV databases
- Scan task orchestration

Lightweight Engine: protects RAM and processes
- Dedicated Web, Mail and IM anti-malware
- Controls applications use web access and removable devices

The unique architecture of Kaspersky Security for Virtualization provides efficient VM protection without sacrificing endpoint resources. You'll find you achieve significantly higher consolidation ratios than are possible using traditional anti-malware solutions. Scanning and update storms are also eliminated, together with vulnerability windows or 'instant-on' gaps.

Kaspersky Lab's Security Virtual Appliance (SVA) centrally scans all the VMs in the host environment. The solution also includes a powerful but lightweight agent, which is deployed on each virtual machine[2]. Deploying this lightweight agent means that advanced security features, including application, device and web controls, anti-malware protection for instant messaging, mail and web, plus advanced heuristics, can be activated on each VM.

As a result, Kaspersky Security for Virtualization is able to provide a unique combination of powerful, multilayered security and efficient performance.

For more information about Kaspersky Security for Virtualization, contact your local Kaspersky reseller, or visit www.kaspersky.com

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2 For non-persistent VMs, instant protection is available after a single deployment to the security virtual appliance.
  For persistent VMs, the administrator needs to deploy the light agent during installation.

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