



Bitdefender®

Security for Virtualized Environments

Realizing the full potential of virtualization investments with resource-efficient security

Organizations are increasingly adopting virtualization to gain better returns on their investment in datacenter infrastructures. When realistically planned and implemented, virtualization projects drive significant cost reductions and higher business agility by improving automation, availability and hardware resource utilization. To ensure cost efficiency at all business-critical levels, organizations must have the right security in place, able to address the unique challenges inherent to complex virtualized environments

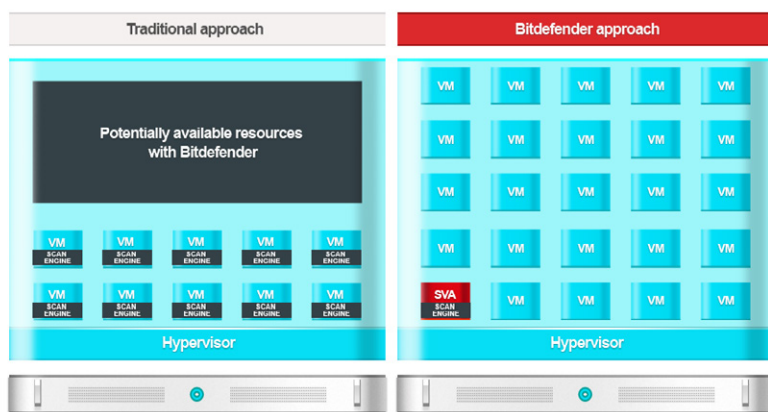
Security for Virtualized Environments (SVE) by Bitdefender is the first all-encompassing security solution for virtualized datacenters, protecting virtualized servers and desktops on Windows, Linux, and Solaris systems. Powered by cutting-edge security technologies from Bitdefender, SVE has been specifically architected to meet the unique requirements of dynamic virtualized datacenters today.

Universal hypervisor coverage: In addition to VMware vShield Endpoint 5 integration accommodating agentless protection, SVE is designed to optimize the antimalware processes on any virtualization platform. Unlike any other virtualization security solutions, SVE is platform agnostic, supporting major hypervisors like VMware ESXi, Citrix Xen, Microsoft Hyper-V, Red Hat KVM, Oracle VM and more.

Higher server density: SVE leverages the pooled nature of virtualization by saving critical amounts of memory and disk resources, which can be further used to provision more virtual machines on every physical host. While traditional solutions require full antivirus clients installed on each virtual machine, Bitdefender delivers a dedicated virtual appliance to perform regular antimalware activities outside the protected guests. Due to innovative self-learning caching mechanisms and centralization of scanning functions, SVE improves server consolidation by up to 30% when compared to traditional antimalware.

KEY BENEFITS

- » Delivers resource-efficient security across all hypervisors and operating systems
- » Generates significant cost reductions through higher server consolidation
- » Eliminates “AV storms” and other resource contention issues caused by legacy security
- » Provides patent-pending security technologies for improved performance and scalability
- » Reduces the administrative burden through simplified deployment and configuration
- » Integrates with Amazon Web Services to deliver optimized security for EC2 instances
- » Integrates security management with VMware vCenter Server and Citrix XenServer



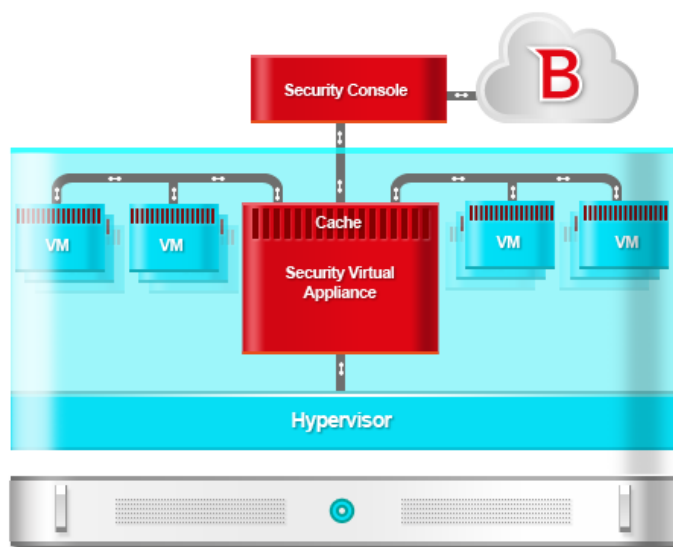
Designed for virtualization from the ground up

Bitdefender has set the bar in virtualization security by delivering purpose-built, high-performance security for virtualized infrastructures, enabling organizations to reduce hardware-associated costs while achieving higher consolidation ratios.

Industry-strength antimalware: SVE is the only virtualization-centric security solution able to scan processes and memory of virtual machines, ensuring wide-spectrum antimalware protection across all platforms and operating systems. Bitdefender's consistently high detection rates made it the number-one-ranked protection* against e-threats in 2011, according to AV-TEST Product Reviews.

Ease of implementation: Bitdefender's solution can horizontally scale from the smallest to the largest deployment with ease. As both Security Console and Security Virtual Appliance are provided as virtual appliance templates, they can be simply imported into any hypervisor. Coupled with a fast and intuitive deployment procedure, SVE provides virtualization-centric protection with minimum effort even in the largest of virtualized infrastructures.

Intuitive management: SVE prevents common bottlenecks specific to virtualized environments by providing a single point of management for full control over the datacenter. Delivered as a Linux-based appliance, the SVE Security Console is a central web interface acting as a unique point of control for deployment, configuration, monitoring, and reporting on the security status of the datacenter.



KEY FEATURES

- ▶ Tightly integrates with VMware vShield Endpoint 5 for agentless antimalware
- ▶ Supports policies assignable per vCenter objects (including resource pools)
- ▶ Delivers a lightweight Silent Agent for optimal protection outside vShield Endpoint coverage
- ▶ Provides process and memory scan capabilities across all platforms and operating systems
- ▶ Supports offline scanning for virtual machines that are powered off
- ▶ Facilitates automatic and silent deployment of Silent Agents on the protected guest machines

SYSTEM REQUIREMENTS

SVE is delivered within a Security Virtual Appliance running on a hardened Linux server and is managed by the web-based Bitdefender Security Console.

Supported Virtualization Platforms:

- ▶ VMware vSphere 5.1, 5.0, 4.1, (incl. ESXi 4.1 P3, 5.0 P1), View 5.0
- ▶ Citrix XenDesktop, 5.5, 5.0; XenServer 6.0, 5.6 (incl. Xen); VDI-in-a-Box 5.x
- ▶ Microsoft Hyper-V Server 2008 R2 or Windows 2008 R2 (incl. Hyper-V)
- ▶ Oracle VM 3.0
- ▶ Red Hat Enterprise Virtualization 3.0 (incl. KVM)

Supported Guest OS (32/64 bit):

- ▶ Microsoft Windows 8, 7, Vista, XP (SP3), 2008 / R2, 2003 / R2
- ▶ Red Hat Enterprise Linux / CentOS 6.2, 6.1, 5.7, 5.6; Ubuntu 11.04, 10.04;
- ▶ SUSE 11; OpenSUSE 12, 11; Fedora 16, 15,
- ▶ Oracle Solaris 11, 10

More information at bitdefender.com/sve

About Bitdefender

Bitdefender is a global company that delivers security technology in more than 200 countries through a network of value-added alliances, distributors and reseller partners. Since 2001, Bitdefender has consistently produced award-winning security technology, for businesses and consumers, and is one of the top security providers in virtualization and cloud technologies. Through R&D, alliances and partnership teams, Bitdefender has created the highest standards of security excellence in both its number-one-ranked technology and its strategic alliances with some of the world's leading virtualization and cloud technology providers.

