

Bitdefender®

GravityZone – 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. To ensure cost efficiency at all business-critical levels, organizations must have the right security in place to address the unique challenges inherent to complex virtualized environments.

Bitdefender Security for Virtualized Environments (SVE) is the first all-encompassing security solution for virtualized datacenters, specifically architected for the dynamic datacenters of today. SVE protects any number of virtualized desktops and servers running on Windows and Linux systems. As opposed to traditional antimalware, Bitdefender centralizes all the scanning and update processes on a virtual appliance called Security Server, which helps deduplicate critical resources and diminish I/O activity on the physical host.

Universal hypervisor coverage: In VMware vSphere environments, SVE accommodates agentless security by integrating with vShield Endpoint. For any other virtualization platforms, SVE provides full antimalware protection through Bitdefender Tools (BDTools), the lightweight in-guest component, which offloads scanning onto the Security Server. When used in conjunction with VMware vShield, BDTools extends the security level with process and memory scanning. This makes SVE a platform-agnostic solution, fully compliant with Citrix Xen, Microsoft Hyper-V, Red Hat KVM and Oracle VM.

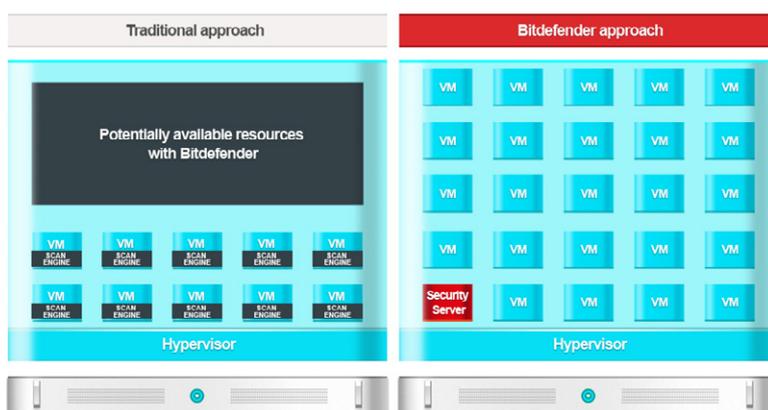
Improved server density: Security for Virtualized Environments leverages the pooled nature of virtualization by implementing low-impact security with minimal resource footprint. Bitdefender's solution incorporates self-learning caching mechanisms, which reduce scanning latency while ensuring no file scan is duplicated. This drives significant performance gains and boosts server consolidation by up to 30% when compared to traditional antimalware.

KEY BENEFITS

- » Generates significant cost savings through visibly improved performance
- » Increases server consolidation with low-impact, lightweight security footprint
- » Enables turnkey deployment and configuration by being delivered as a virtual container
- » Provides simplified management and monitoring via Bitdefender GravityZone
- » Implements cloud-ready security for Amazon Elastic Compute Cloud (EC2)

KEY FEATURES

- » Provides agentless antimalware by integrating with VMware vShield Endpoint
- » Protects file systems, processes and memory on Windows and Linux systems
- » Provides multi-platform support, covering any known hypervisor
- » Integrates security management with VMware vCenter and Citrix XenServer
- » Enables policy enforcement per objects (including resource pools)

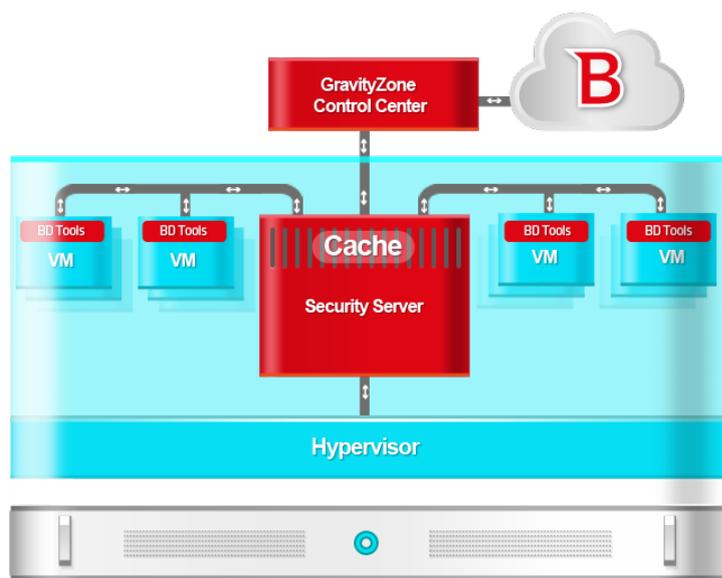


Designed for virtualization from the ground up

Traditional security models are typically counter-productive in virtualized environments, where they double the management overhead and cause various performance bottlenecks. 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.

Integrated security management: In large deployments, centralized management is critical to operational efficiency. Integrated with third party management platforms like VMware vCenter, Citrix XenServer and Amazon Elastic Compute Cloud (EC2), SVE replicates the virtual machine inventory into a unified and intuitive interface that provides complete visibility and control over the entire infrastructure. This also enables IT to enforce security policies at the level of datacenter objects like resource pools, instead of the host level.

Operational gains with GravityZone: Plugged into the Bitdefender GravityZone management platform, Security for Virtualized Environments is now even easier to implement, monitor and manage centrally from the simplified yet powerful Control Center. GravityZone provides administrators with a highly-scalable and flexible management solution covering physical, virtualized and mobile security. Delivered within GravityZone as a virtual container, SVE requires minimal setup and scales from the smallest to the largest deployment with ease. This is arguably one of the most essential benefits that IT looks for when implementing security software.



SYSTEM REQUIREMENTS

SVE is delivered within a Linux-based Security Server and is managed centrally from the GravityZone Control Center.

Supported Virtualization Platforms:

- ▶ VMware vSphere 5.1, 5.0, 4.1 , (incl. ESXi 4.1 P3, 5.0 P1), View 5.1, 5.0
- ▶ Citrix XenDesktop, 5.5, 5.0; XenServer 6.0, 5.6, 5.5 (incl. Xen); VDI-in-a-Box 5.x
- ▶ Microsoft Windows Server 2012, 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), 2012, 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.

For more information, visit:
enterprise.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.

