

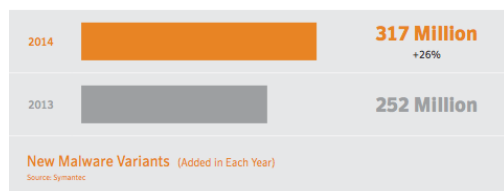
Symantec™ Data Center Security: Server 6.6

Agentless antimalware and network IPS for your VMware environments

Data Sheet: Security Management

Threat Landscape Overview

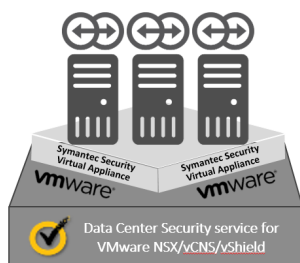
More than 317 million new pieces of malware were created in 2014, or close to 1 million new pieces of unique malware each day. The overall total number of malware is now over 1.7 billion.



Malware authors have various tricks to avoid detection; one is to spot security researcher by testing for virtual machines before executing their code. In 2014, up to 28 percent of all malware was "virtual machine aware". *Source: "Symantec Internet Security Threat Report", Volume 20 (April, 2015)*

Solution Overview

Symantec™ Data Center Security (DCS): Server 6.6 delivers agentless antimalware protection, agentless network IPS, and file reputation services for workloads running on VMware NSX and vShield/vCNS platform. It enhances operational effectiveness in the data center by providing a single-instance security service per host, protecting all virtual machines within that host.



Symantec™ DCS: Server 6.6 also features updates to Unified Management Console (UMC), a new web-based console appliance that delivers a consistent management experience across the Data Center Security products. Customers will use

UMC to monitor, register and configure features, reports, and products in Symantec™ Data Center Security (DCS).

Operations Director and Unified Management Console are the new software-defined security capabilities that are being rolled out across the Symantec™ Data Center Security Product family. These enhanced capabilities are based on the core tenets of embedding security into the platform, integrating and simplifying point technologies, and automating and orchestrating security across the data center. These enhanced capabilities enhance operational efficiencies and mitigate the dreaded security tax by enabling security to keep up with the speed of the business and IT operations.

Why Symantec™ Data Center Security: Server?

Symantec™ Data Center Security: Server is a good fit for your organization if your team is asking any of the questions below:

- How do I dynamically provision application-level security for newly created virtual workloads for NSX & vShield/vCNS?
- How do I deliver dynamic and operationally efficient antimalware and network IPS protection without taxing network resources and application performance?
- How can I provision security so that it is able to keep up with the speed of business and IT?
- How can I scale out security as I scale my infrastructure and applications?
- How can I manage and secure my assets in my data center with minimal training to my admins?
- How can I leverage my planned and current investment in VMware vShield/vCNS & NSX to enhance security in my software-defined data center?
- How can I reduce the resource impact associated with scanning and definition file updates, such as scan and update storms?

What's New in Symantec™ Data Center Security: Server 6.6?

- **Agentless anti-malware protection for workloads running on VMware vShield/vCNS platform** - DCS: Server 6.6 delivers agentless anti-malware solution by integrating directing at the hypervisor thus offloading anti-malware scanning to a Security Virtual Appliance (SVA) to deliver higher performance and density of Guest Virtual Machines
- **Auto deploy of Security Virtual Appliance** – DCS 6.6 leverages single SVA to deliver threat protection for both VMware NSX & vShield/vCNS by auto-deploying to VMware ESX which allows it to scale to the size of datacenter
- **Network Threat Protection** - DCS 6.6 added new features to network protection by letting administrators manage a white list and black list. Once DCS detects a threat from an offending IP or URL, it will automatically blacklist the originating source
- **Operations Director (OD)** – DCS 6.6 now delivers automated security orchestration for responding to threats with out of the box recipes. It now comes with added coverage for Rapid7 Nexpose vulnerability scanner. OD now enables partner with product and ops tools integration SDK
- **Unified Management Console (UMC)** - UMC is new web-based console appliance that delivers a consistent management experience across Data Center Security products. Customers can use UMC to monitor, register and configure features, reports, and products in the Symantec™ Data Center Security (DCS) product family. It now allows administrators to customize dashboard and charts. DCS 6.6 enables Live Update that can automatically download and update UMC appliances
- **Extended platform support**
 - vSphere 5.5/6.0 and NSX 6.1.4
 - vCNS 5.5.4 and vSphere 5.5/6.0
- Supports VMware NSX and VMware vShield/vCNS (Non-NSX) for delivering agent-less threat protection for workloads running on virtual environments
- Anti-Malware on vShield/vCNS (non-NSX) combined with Symantec's Insight Reputation
- Auto deployment of the Security Virtual Appliance for both vShield/vCNS and NSX environments (SVA) that allows to scale out infrastructure.
- Group asset and protection policy
- Integrates with Symantec DeepSight providing reputation security technology to files and URL's.
- Auto-deployment and provision of Security Virtual Appliance to ESX host in a cluster.
- Integrates at the hypervisor, providing real-time detection and remediation of malware infection.
- Always-on security with the best-of-breed security protection technology
- Supports VMWare vShield/vCNS 5.5.4 and vSphere 5.5/6.0
- Part of Symantec's extensive telemetry collection network

Customer Benefits

- Includes enhanced **support for vShield/vCNS** based virtual appliances
- **Single Security Virtual Appliance** (SVA) for both VMware NSX & vShield
- **Simplified UI** with rich user experience and simplified policy and asset management for both VMware NSX & vShield/vCNS
- **Out of the box dashboard** to provide health and status of data center
- **Optimize network and application performance** of guests and hosts via agentless antimalware and agentless network IPS
- **Improve network performance** by having single definition updates
- **File and URL reputation services** to complement the agentless malware protection service

Symantec™ Data Center Security: Server Standard Features

- Agentless antimalware threat protection.

- **Auto-deployment of virtual appliances** enables the workloads to scale while minimizing any additional OpEx cost
- **Increase operational effectiveness** by providing a single-instance security service per host
- Eliminate virus scanning on each virtual machine by providing **security at the hypervisor**
- **Centralized management** of virus definitions eliminates the need for virus updates to each and every guest VM
- Enable **always-on security** during new workload provisioning, thus reducing the security tax

Symantec™ Data Center Security Solutions

Symantec™ Data Center Security enables organizations to harden their physical and virtual servers, securely transition into software-defined data centers, and enable application-centric security across their public, private and private cloud environments.

The Symantec™ Data Center Security Product family includes:

Symantec™ Data Center Security: Server delivers frictionless threat protection with agentless anti-malware, network based IPS and file reputation services for the VMware environments. It supports in-guest quarantine feature to isolate suspected malware files and remediate based on policy. Symantec™ Data Center Security: Server auto-delivers Security Virtual Appliances (SVA) that scales out, resulting in huge savings in OPEX costs.

Symantec™ Data Center Security: Monitoring Edition enables organizations to continuously monitor the security and compliance posture of its physical and virtual infrastructure, as well as its public (AWS) and private (OpenStack) clouds. It combines agent-less malicious code protection along with the IPS/IDS monitoring, file integrity monitoring, and configuration monitoring. This product is intended to enable customers automate and centralize their security operations and compliance monitoring and reporting objectives.

Symantec™ Data Center Security: Server Advanced delivers security detection, monitoring, and prevention capabilities for both physical and virtual server infrastructures. In addition to delivering agentless antimalware protection and security monitoring for virtual and physical infrastructures and across the AWS and OpenStack clouds, Symantec™ Data Center Security: Server Advanced protects both physical and virtual servers by delivering application and protected whitelisting, fine-grained intrusion detection and prevention; file, system

and admin lockdown; and file integrity and configuration monitoring. It also supports full hardening of OpenStack Keystone.

Symantec™ Control Compliance Suite enables asset and network auto discovery, automates security assessments and calculates and aggregates the CVSS/CIS risk scores. Customers use Control Compliance Suite to enable basic security hygiene, and gain visibility into their security, compliance, and risk postures. Customers use this intelligence to prioritize remediation and optimize security resource allocation.

Symantec™ Protection Engine delivers content scanning, antimalware, outbreak detection, anti-spam, insight and reputation services, and granular content filtering technologies for various types of data stores such as cloud storage, NAS, email, and AWS. Out-of-the-box support is available for NetApp NAS, Microsoft Exchange, and SharePoint Data Stores, and a robust SDK enables custom integration for other data stores.

More Information

Visit our website

<http://enterprise.symantec.com>

To speak with a Product Specialist in the U.S.

Call toll-free 1 (800) 745 6054

To speak with a Product Specialist outside the U.S.

For specific country offices and contact numbers, please visit our website.

About Symantec

Symantec Corporation (NASDAQ: SYMC) is the global leader in cybersecurity. Operating one of the world's largest cyber intelligence networks, we see more threats, and protect more customers from the next generation of attacks. We help

companies, governments and individuals secure their most important data wherever it lives.

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