

FortiScan-VM™

Automated Vulnerability and Compliance Management (VCM) for virtual machines

Flexible Vulnerability and Compliance Management

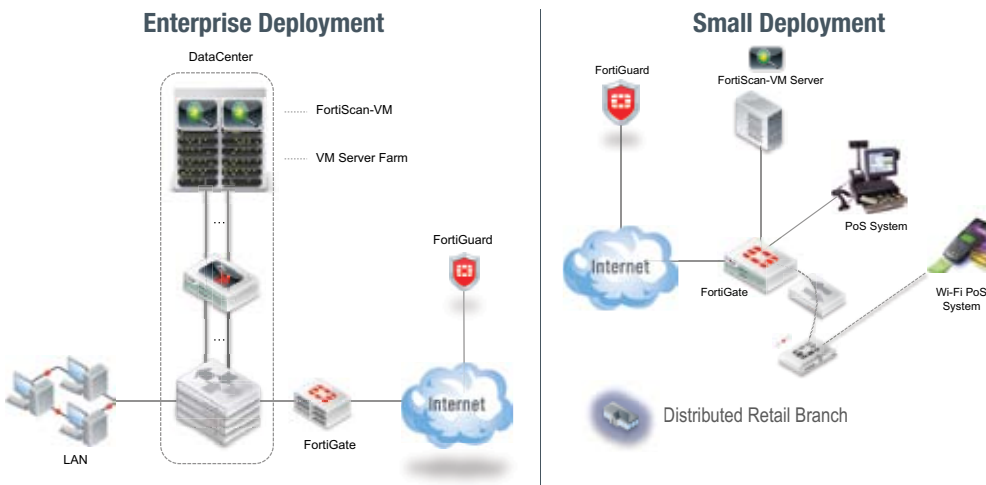
As organizations grow in size and complexity, the need for a flexible vulnerability and compliance management becomes omnipresent. Whether the driving factor is IT governance or meeting regulatory compliance, solutions must be easy to deploy and manage in order to improve productivity. The FortiScan-VM offers a soft appliance which runs on VMware vSphere Hypervisor™ (ESX and ESXi), CITRIX™ Xen Hypervisor and XenServer. It scales as your organizations's assets grow in size. It is suited for organization of all sizes since the architecture supports stacking asset groups and managing them through Administrative Domains (ADOM). The flexible architecture and service-oriented design of FortiScan-VM, makes it an ideal candidate to deploy cloud-based solutions.

Build Cloud-based Compliance Solutions

FortiScan-VM™ empowers you to add vulnerability and compliance solutions to any size organization, from small retail to large enterprise. It is an enterprise-grade, carrier-scale solution that integrates endpoint vulnerability management, industry and federal compliance, patch management, remediation, auditing and reporting into a single, unified appliance for immediate results. It enables organizations to close IT compliance gaps, and implement continuous monitoring in order to audit, evaluate, and comply with internal, industry, and regulatory policies for IT controls and security at the OS and application level. Organizations realize quick time-to-value with easy to install, intuitive and standard compliance policies (NIST SCAP, FDCC, PCI-DSS, SOX, GLBA, HIPAA) out-of-the-box with regular updates from the FortiGuard. Furthermore, customized reporting provides a snapshot of your assets' state compliance measurement.

Full-feature VCM with low Total Cost of Ownership (TCO)

The FortiScan VM enables you to apply proactive vulnerability scanning and risk management to avoid the cost of non-compliance and productivity loss. The FortiScan simplifies the process with regular policy updates through FortiGuard Threat Research and Response for current patches and industry leading remediation advice that strengthens the integrity and security of operating systems—mitigating threats and managing vulnerabilities to prevent costly breaches.



Deployment Examples



The Value of Virtualization

Virtualized infrastructure continues to transform today's IT landscape. From Virtual LANs to servers and user desktops, the IT environment as a whole is increasingly becoming part of a virtualized cloud. The virtual appliance offers all of the features of our traditional hardware-based FortiScan appliances in a form factor that leverages your existing investment in virtualization technology.

Keeping Up With Compliance - PCI DSS, SOX, GLBA, HIPAA

- Unified platform for auditing, policy and vulnerability management
- Industry and federal standards-based
- Easy to deploy and manage
- Automated compliance management
- Both agent-less and agent-based
- Timely updates from FortiGuard™

Key Benefits

- Identifies security vulnerabilities and finds compliance exposures
- Easy grouping and prioritization of assets through ADOMs
- Delivers patch management with ready-to-deploy remediation and enforcement actions
- Aids regulatory mandates with compliance reports
- Soft appliance creates maximum flexibility for cloud deployments

Feature	Benefit
Vulnerability Management	Identifies security vulnerabilities and compliance exposures through deep inspection with client-resident asset agents – transparent to end users.
Agent-less Vulnerability Assessment	Asset prioritization and profile-based scanning to automatically discover inventory and assess security posture of the OS on networked devices, including mail servers, FTP servers or other UNIX or Windows hosts. Trend and remediation history is also available as part of the reporting.
IS Auditing	Monitors across heterogeneous systems and provides industry-standard benchmarks for IS compliance audits for operating systems; select from the list of audit benchmarks or create custom policies.
Patch Management and Remediation	Delivers patch management with ready-to-deploy remediation and enforcement actions; remediation capability goes beyond traditional patch management, allowing network managers to change on configurations and potentially mitigate weak settings, including disabling an application or denying a network request.
Reporting and Compliance	Compliance for regulatory mandates with 360-degree reporting and analysis; provides industry, regulatory and best practices for NIST SCAP, FDCC, PCI/DSS, SOX, GBLA, HIPAA, ISO 17799, FISMA, and more. Pre-defined reports and views for compliance are also provided. FortiScan is OVAL compliant.
Integrated Asset Management	Fully integrated asset management function enables users to run agent-less and agent-based OVAL scans directly on asset groups configured in the product.
Smart Automation	Reduced errors, repeatable processes, and predictable results delivered with an extensive library of templates that enable IT staff to leverage industry standard best practices that produce measurable results.

SCAN ENGINES

- Network discovery, asset prioritization and profile-based scanning
- Innovative, non-intrusive scan engine with extensive network throttling capabilities
- Complete asset inventory with accurate OS detection
- Both agent-less and agent based scanning are available from the same product

COMPLIANCE MANAGEMENT

- Identifies security vulnerabilities and finds compliance exposures on hosts, servers and throughout the network.
- Industry, regulatory and best practices, including templates for ISO 17799, SOX, HIPAA, GLBA, NIST, SCAP, and FISMA.
- All security content complies with the OVAL 5.6 standard
- Performs compliance audits
- Common Vulnerability Enumeration (CVE) Search

REMEDIATION/PATCH MANAGEMENT

- Delivers patch management with ready-to-deploy remediation and enforcement actions
- Allows network managers to change configurations and mitigate weak settings.
- Audits and remediates across heterogeneous systems for IS compliance
- Extensive libraries of templates that enable IT staff to leverage industry best practices to produce measurable results.

FLEXIBLE DEPLOYMENT

- Agent-based or network-based (agent-less) scan
- Role-based security delegation

STANDARDS BASED

- Compliant with SOX, HIPAA, OVAL, XCCDF, CPE, CCE, CVE, CVSS
- Supports the latest SCAP version
- Comes with a comprehensive set of compliance benchmarks, vulnerability database, remediation templates and patch policies.

REPORTING

- Automated, list of pre-defined reports include: Executive Security Posture Report, LOB Manager Security Posture Report, Sys admin Security Posture Report, Vulnerability Assessment etc.
- Reports can be executed real-time, scheduled, or sent over email
- 360-degree Reporting , Analysis and Views
- Trending reports, showing a host's remediation history, or how hosts vulnerability changes over time

INTEROPERABILITY

- Easy integration via SNMP, SMTP, Repository Database
- Compliant with OVAL, XCCDF, CPE, CCE, CVE, CVSS

PRODUCT / INTEGRATION

- Secure access to the Repository Schema
- SNMP support
- Support for file (results) uploads via FTP, SFTP, and SCP
- E-mail Alerts
- Integrate with FortiGuard IPS services

RESEARCH

- Backed by an unrivalled vulnerability research team
- Identifies known, published zero-day and unknown vulnerabilities
- Automated updates for latest vulnerability checks and information

Asset Platform Support

FortiScan agents support the following asset platforms:

- Windows 2000
- Windows XP (32-bit or 64-bit)
- Windows Vista (32-bit or 64-bit Enterprise or Business)
- Windows 7 (32-bit or 64-bit)
- Windows Server 2003 (32-bit or 64-bit)
- Windows Server 2008 (32-bit or 64-bit)
- Windows Server 2008 Release 2 (64-bit)
- Red Hat 9
- Red Hat Enterprise Server 3, 4
- Red Hat Enterprise Server 5 (32-bit or 64-bit)
- Red Hat Enterprise Server 6 (32-bit or 64-bit)
- Fedora 13 (32-bit or 64-bit)
- Fedora 14 (32-bit or 64-bit)
- CentOS 3, 4, 5
- Solaris Sparc 9, 10
- Solaris 10 (x86 32-bit or 64-bit)

Technical Specifications	FortiScan Virtual Appliance
Capacity Specifications	
Maximum Licensed Assets	20,000 (present ceiling which will increase in the future)
Administrative Domains	200
Administrators	200
Virtual Machine Specifications	
Hypervisors Supported	VMware ESX/ESXi 4.0/4.1, Citrix Xen, OpenSource Xen
Virtual Machine Form Factor	Open Virtualization Format (OVF)
Virtual NICs Required	1 (Default configuration is 4)
Virtual Machine Storage Required (Minimum)	Default 30 GB, recommended to increase to 1 TB for acceptable or 2 TB for optimal performance
Virtual Machine Memory Required (Minimum)	4 GB to accommodate up to 2000 assets
Memory Size Recommendation	
Less than 2000 assets	4 GB
2000 to 10,000 assets	8 GB
10,000 to 20,000 assets	16 GB
Virtual CPU Specifications	2 (default) for up to 10000 assets, 4 for up to 20000 assets and 8 for more than 20000 assets

Ordering Information		
Product	SKU	Description
FortiScan-VM	FSC-VM-Base	FortiScan-VM with 10 embedded assets
	FSC-VM-100-UG	100 Asset Add-on for the FortiScan-VM version
	FSC-VM-1000-UG	1000 Asset Add-on for the FortiScan-VM version
	FSC-VM-5000-UG	5000 Asset Add-on for the FortiScan-VM version
FortiCare and FortiGuard Bundle	FC1-10-SVM00-967-02-12	1 Year 24x7 FortiCare plus VM&C Contract (1 - 110 assets)
	FC2-10-SVM00-967-02-12	1 Year 24x7 FortiCare plus VM&C Contract (1 - 310 assets)
	FC3-10-SVM00-967-02-12	1 Year 24x7 FortiCare plus VM&C Contract (1 - 1010 assets)
	FC4-10-SVM00-967-02-12	1 Year 24x7 FortiCare plus VM&C Contract (1 - 5010 assets)
	FC5-10-SVM00-967-02-12	1 Year 24x7 FortiCare plus VM&C Contract (1 - Unlimited assets)

Industry Certifications



FortiGuard® Security Subscription Services deliver dynamic, automated updates for Fortinet products. The Fortinet Global Security Research Team creates these updates to ensure up-to-date protection against sophisticated threats. Subscriptions include antivirus, intrusion prevention, web filtering, antispam, vulnerability and compliance management, application control, and database security services.

FortiCare™ Support Services provide global support for all Fortinet products and services. FortiCare support enables your Fortinet products to perform optimally. Support plans start with 8x5 Enhanced Support with “return and replace” hardware replacement or 24x7 Comprehensive Support with advanced replacement. Options include Premium Support, Premium RMA, and Professional Services. All hardware products include a 1-year limited hardware warranty and 90-day limited software warranty.

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