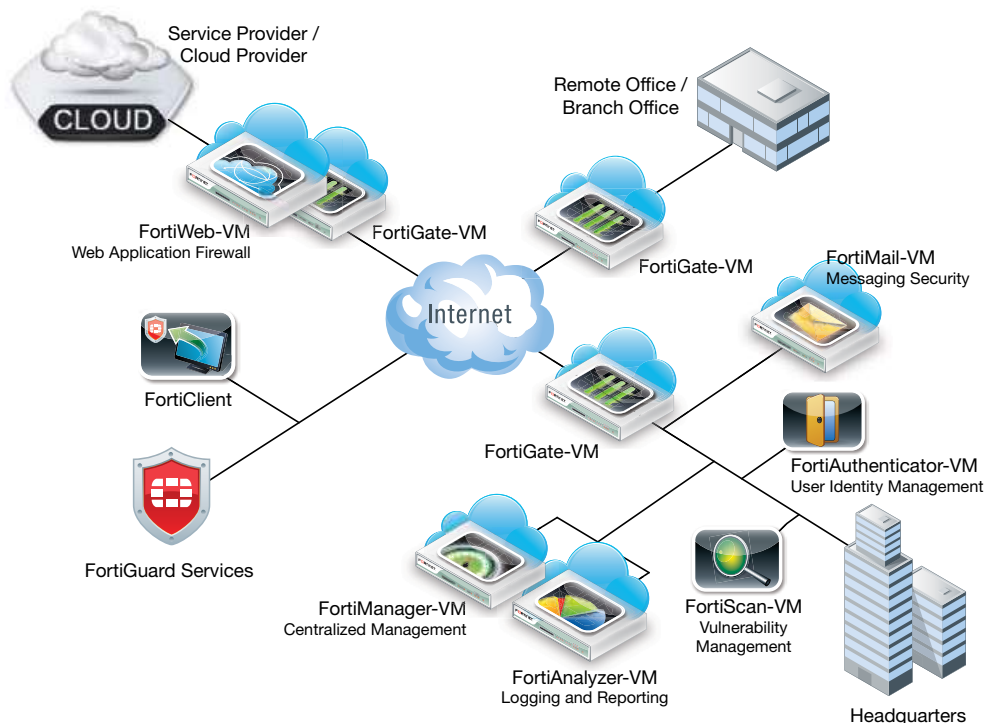# Fortinet Virtual Appliance Solutions

Consolidated Security, Management and Reporting

Choice of Form Factor

Few organizations use 100% hardware or 100% virtual IT infrastructure today, creating a need for both hardware appliances and virtual appliances in your security strategy. Fortinet allows you to build the security solution that's right for your environment with hardware and virtual appliances to secure the core, the edge and increase visibility and control over communications within the virtualized infrastructure. FortiManager virtual appliances allow you to easily manage and update your Fortinet security assets – hardware, virtual or both – from a single pane of glass. FortiAnalyzer central reporting, FortiWeb web application firewall, FortiMail messaging security, FortiScan vulnerability management and FortiAuthenticator user identity management appliances round out Fortinet's current virtual appliance solutions.

Service Provider /
Cloud Provider

CLOUD

FortiWeb-VM
Web Application Firewall

FortiGate-VM

Remote Office /
Branch Office

FortiGate-VM

FortiMail-VM
Messaging Security

FortiClient

Internet

FortiGuard Services

FortiGate-VM

FortiAuthenticator-VM
User Identity Management

FortiManager-VM
Centralized Management

FortiAnalyzer-VM
Logging and Reporting

FortiScan-VM
Vulnerability
Management

Headquarters

Proven Success in Virtual Environments

Fortinet introduced Virtual Domain (VDOM) technology in 2004. Since that time, we have offered virtualized security to service providers and enterprises alike. With the addition of the virtual appliance form factor, Fortinet now offers greater choice and flexibility to customers by providing the ability to deploy our security solution within existing Cloud and virtualized infrastructure.

- Complete solution for the Cloud and virtualized data centers

- Rapid deployment capabilities

- Increased visibility within virtualized infrastructure

- Ability to manage physical and virtualized appliances from a 'single pane of glass' management platform

- Simple, scalable licensing models

- Support for multiple virtualization platforms

FortiCare
Worldwide 24x7 Support
support.fortinet.com

FortiGuard
Threat Research & Response
www.fortiguard.com

www.fortinet.com

Unmatched protection & flexibility

For your data center and cloud deployments, Fortinet's industry-leading combination of next generation physical and virtual machine solutions provide you, with the protection and flexibility you need to easily and quickly take advantage of these technologies.

Virtual machine security with unmatched product line breadth

Fortinet offers the industry's most complete virtual machine security technology line-up. You can deploy the security you need where you need it in your cloud and data center environments, including unified threat management/next generation firewall, web application firewall, database and messaging security.

The Fortinet Virtual Appliance Family

FortiGate-VM multi-threat security
- Enterprise-class protection against network, content and application-level threats
- Consolidated security in a virtual form factor
- 5 virtual appliance models available.

FortiManager-VM centralized management
- Command and control for Fortinet infrastructure
- Stackable license model to grow with your environment
- Enables Cloud providers to segment tenant policies into separate administrative domains (ADOMs).

FortiAnalyzer-VM centralized reporting
- Aggregate log data for forensic analysis
- Perform vulnerability assessments of networked hosts
- Generate graphical reports to aid in demonstrating compliance

FortiMail-VM messaging security
- Block spam and malware from users' inboxes
- Archive mail for compliance and e-discovery purposes
- Advanced inspection capabilities eliminates message-based threats before they can affect your users

FortiWeb-VM web application security
- Protect, balance and accelerate web applications
- Improves security of confidential information and aides PCI compliance
- Security solution specifically designed to protect web applications; including cloud-based farm deployments

FortiScan-VM vulnerability management
- Provides both active scanning and passive observation
- Identify and analyze unmanaged devices and assets on your network
- Offers remediation recommendations based on available patches and existing workflows

FortiAuthenticator-VM user identity management
- Low cost per user and a stackable licensing model for a flexible and cost effective solution
- Standards-based secure authentication which works in conjunction with FortiTokens
- Certificate Authority functionality simplifies your CA management

VIRTUALIZATION PLATFORM SUPPORT

Virtual Appliance	v4.0	v4.1	v5.0	v5.1	CITRIX v5.6 SP2	v6.0	OPEN SOURCE Xen
FortiGate-VM	x	x	x	x	x	x	x
FortiManager-VM	x	x	x	x			
FortiAnalyzer-VM	x	x	x	x			
FortiWeb-VM	x	x	x	x			Amazon AWS
FortiMail-VM	x	x	x	x			
FortiScan-VM	x	x	x	x	x		x
FortiAuthenticator-VM	x	x	x				

FEATURE SUPPORT

Virtual Appliance	FORTIOS 32-bit	FORTIOS 64-bit	EVALUATION 15-day embedded trial	EVALUATION 60-day trial available	LICENSING Stackable	Validation Process
FortiGate-VM	x	x	LENC	x		FortiGuard
FortiManager-VM	x	x	x	x	x	by IP
FortiAnalyzer-VM	x	x	x	x		by IP
FortiWeb-VM		x	x	x		FortiGuard
FortiMail-VM		x	LENC	x		FortiGuard
FortiScan-VM		x	LENC	x	x	by IP
FortiAuthenticator-VM	x			x	x	by IP

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FORTINET®   Fortinet Product Matrix

產品	效能	Description	作業版本
FG-FW-Base Fortinet 網路防火牆 500Mbps	網路防火牆 500Mbps	提供防火牆控管存取政策，使用者身份辨識，IPSEC VPN，SSL VPN, SLB(主機負載平衡) 及 無線網路控制器（Wireless Controller）	Vmware Hyper-V Citrix Xen OpenXen KVM AWS
FG-FW-1000-UG Fortinet 網路防火牆 頻寬升級 1Gbps	網路防火牆 頻寬升級 1Gbps		
FG-VM01/VM02/VM04/VM08 Fortinet 網路防火牆 (授權方式：依照 CPU 數量 1/2/4/8 四個授權方式出貨)	網路防火牆 支援 1 CPU		
FG-NGFW-Base Fortinet 新世代網路防火牆 500Mbps (含 FW, IPS, Application Control, AV, Web Filtering and Antispam)	新世代網路防火牆 500Mbps	提供防火牆控管存取政策，使用者身份辨識，IPSEC VPN，SSL VPN, SLB(主機負載平衡)， 無線網路控制器（Wireless Controller），入侵防禦，應用程式控管，防毒，不當網頁過濾，防垃圾郵件	Vmware Hyper-V Citrix Xen OpenXen KVM AWS
FG-NGFW-1000-UG Fortinet 新世代網路防火牆 頻寬升級 1Gbps (含 FW, IPS, Application Control, AV, Web Filtering and Antispam)	新世代網路防火牆 頻寬升級 1Gbps		
FG-VM01/VM02/VM04/VM08 Fortinet 新世代網路防火牆 500Mbps （含 FW, IPS, Application Control, AV, Web Filtering and Antispam) (授權方式：依照 CPU 數量 1/2/4/8 四個授權方式出貨)	新世代網路防火牆 支援 1 CPU		
FMG-VM-Base Fortinet 集中管理系統	集中管理系統 10 台設備	Fortinet 防火牆管理，設定和集中派送（政策，資安防禦資料庫）的中央管理系統 r, 支援 10 台設備	Vmware Hyper-V AWS
FMG-VM-10-UG Fortinet 集中管理系統	集中管理平台設備 數量升級 - 10 台設備		
FAZ-VM-BASEFortinet 集中日誌報表系統	集中日誌報表系統	Fortinet 防火牆的集中日誌報表管理系統	Vmware Hyper-V AWS
FAZ-VM-GB1 Fortinet 集中日誌報表系統 紀錄數量升級 - 1 GB/Day	集中日誌報表系統 紀錄數量升級 - 1 GB/Day		
FSA-VM Fortinet 先進威脅防護系統（ATP）	先進威脅防護系統（ATP）	即時執行沙箱檢測，提供虛擬的運行環境來分析高風險或可疑的程式，研判威脅完整的生命周期，協助用戶智慧地立即偵測出既存與新興的 網路威脅。	VMware

FWB-Base Fortinet 網站應用程式防火牆(WAF) 25Mbps	網站應用程式防火牆(WAF) 25Mbps	提供網站應用程式防火牆功能（WAF），網頁防置換，網頁自動備份及回復等功能	Vmware Hyper-V Citrix Xen Open Xen AWS
FWB-100-UG Fortinet 網站應用程式防火牆(WAF) 頻寬升級 100Mbps	網站應用程式防火牆(WAF) 頻寬升級 100Mbps		
FWB-VM01/VM02/VM04/VM08 Fortinet 網站應用程式防火牆(WAF) (授權方式：依照 CPU 數量 1/2/4/8 四個 授權方式出貨)	網站應用程式防火牆(WAF) 支援 1 CPU		
FAD-Base Fortinet 主機負載平衡系統 (SLB) 1Gbps	主機負載平衡系統(SLB) 1Gbps	支援網路的主機負載平衡，全球服務負載平衡（GSLB）及線路負載平衡（LLB）等功能	VMware
FAD-1000-UG Fortinet 主機負載平衡系統 (SLB) 頻寬升級 1Gbps	主機負載平衡系統(SLB) 頻寬升級 1Gbps		
FAD-VM01/VM02/VM04/VM08 Fortinet 主機負載平衡系統(SLB) (授權方式：依照 CPU 數量 1/2/4/8 四個 授權方式出貨)	主機負載平衡系統(SLB) 支援 1 CPU		
FML-Base Fortinet 反垃圾郵件及郵件保全系統 100 人版	反垃圾郵件及郵件保全系統 100 人版	提供電子郵件主機功能、過濾並攔截垃圾郵件	VMware Hyper-V Citrix Xen KVM
FML-300-UG Fortinet 反垃圾郵件及郵件保全系統 使用者數量升級 300 人	反垃圾郵件及郵件保全系統 使用者數量升級 300 人		
FML-VM01/VM02/VM04/VM08 Fortinet 反垃圾郵件及郵件保全系統 (授權方式：依照 CPU 數量 1/2/4/8 四個 授權方式出貨)	反垃圾郵件及郵件保全系統 支援 1 CPU		
FAC-VM-Base Fortinet 身份認證系統 (Authenticator) 100 人版	身份認證系統(Authenticator) 100 人版	整合 RADIUS、LDAP 伺服器，提供標準及安全的雙因子認證	VMWare Hyper-V
FAC-VM-100-UGFortinet 身份認證系統 (Authenticator) 使用者數量升級 100 人	身份認證系統(Authenticator) 使用者數量升級 100 人		