FortiManager™
Centralized Security Management

FortiManager

FortiManager 200D, 300E, 400E, 2000E, 3000F, 3900E and VM

Today, security deployments are constantly growing and evolving due to changing business and threat prevention requirements. Unfortunately, these changes add to the already complex responsibility of managing security appliances. Enterprise organizations are looking for sophisticated security management to empower their IT teams with simple hyperscale management that enables consolidated policy creation and accelerated deployment cycles.

Single Pane-of-Glass Management

This is where Fortinet Security Fabric comes into the picture for unified, end-to-end protection. Deploying Fortinet-based security infrastructure to battle advanced threats, and adding FortiManager to provide single-pane-of-glass management across your entire extended enterprise provides insight into network-wide traffic and threats.

FortiManager offers enterprise-class features to contain advanced threats, but also delivers the industry's best scalability to manage up to ten thousand Fortinet devices. FortiManager, coupled with the FortiAnalyzer family of centralized logging and reporting appliances, provides a comprehensive and powerful centralized management solution for your organization.

Key Features & Benefits

Enterprise-Class Management:	Simplified policy management and device provisioning for large scale Fortinet Enterprise Firewall deployment from one central place using hardware or virtual appliance.
Full control of your network using Security Fabric	Ability to manage end-to-end Fortinet devices including FortiGate, FortiAP, FortiSwitch and FortiClient to provide single pane of glass for extended enterprise.
Multi-tenancy and Increased Efficiency	Ensure common security baseline is enforced and shared among multiple administrative domains (ADOMs). Support of Restful API for automation reduces administrative burden.
Deeper visibility and Co-relation engine	Centralized logging provides superior visibility and insights into events, traffic and threats.

FORTINET SECURITY FABRIC

Fortinet Security Fabric protects enterprise from IoT to Cloud. FortiManager plays a key role by enabling actionable attribute and delivers single pane of glass through unified management console.

forti.net/sf

FortiCare Worldwide 24x7 Support
support.fortinet.com

FortiGuard Security Services
www.fortiguard.com

Fortinet Developer Network
Worldwide Developer Community

HIGHLIGHTS

## Reduce Operation Cost — Administrative Domains (ADOMs)

- Graphical interface to view, create and manage ADOMs
- Use ADOMs to manage independent security environments
- Each ADOM with its own security policies and configuration database
- Group devices logically or geographically for flexible management
- Create configuration templates to quickly provision devices for mass deployment
- Define global objects such as Firewall Objects, Policies and Security Profiles to share across multiple ADOMs
- Granular permissions allow assigning ADOMs, devices and policies to users based on role and duties

Fortinet Developer Network (FNDN)

Access tools, sample code, documentation and interact with the Fortinet developer community by subscribing to the Fortinet Developer Network.

Note: With the purchase of a FortiManager 1000 series or above, customers receive a complimentary 90 day trial access to FNDN.
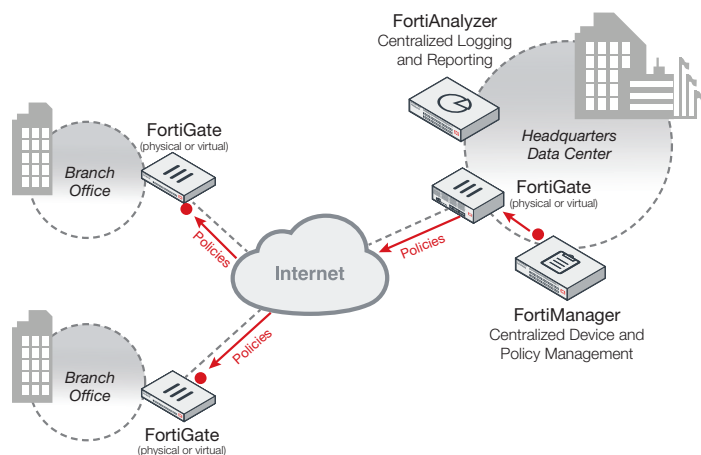
Locally Hosted FortiGuard Labs Security Content

- Host security content locally for greater control over security content updates
- Provides improved response time for rating database
- Includes support for: Application Control and Intrusion Prevention updates, Antivirus and Web Filtering updates

Hyperscale Management of Fortinet Devices

- Provides end-to-end visibility across Fortinet-based security infrastructure
- Ability to centrally manage up to 10,000 FortiGate security appliances
- New VPN manager simplifies the deployment and allows centrally-provisioned VPN community
- FortiAP Manager allows configuring, deploying and monitoring FortiAPs from a single console with Google Map view
- FortiClient Manager allows centralized configuration, deployment, and monitoring of FortiClients

WorkFlow for Audit and Compliance

- Review, approve and audit policy changes from a central place
- Automated process to facilitate policy compliance and policy lifecycle management
- Enforced workflow to reduce risk for policy changes

Monitor and Report for Deep Visibility

- Access vital security and network statistics
- Real-time monitoring and integrated reporting provides visibility into network and user activity
- For more powerful analytics, combine with a FortiAnalyzer appliance for additional data mining and graphical reporting capabilities

API for Automation and Orchestration

- RESTful API allows MSSPs/large enterprises to create customized, branded web portals for policy and object administration
- Automate common tasks such as provisioning new FortiGates and configuring existing devices
- Join Fortinet Developer Network (FNDN) to access exclusive articles, how-to content for automation and customization, community-built tools, scripts and sample code

FortiAnalyzer
Centralized Logging and Reporting

Headquarters Data Center

FortiGate
(physical or virtual)

Branch Office

FortiGate
(physical or virtual)

Internet

Policies

Branch Office

FortiGate
(physical or virtual)

FortiManager
Centralized Device and Policy Management

SPECIFICATIONS

	LOCALLY HOSTED SECURITY CONTENT					MISCELLANEOUS FEATURES	
	Antivirus	Intrusion Prevention	Vulnerability Management	Web Filtering	Antispam Databases	Chassis Management	Global Policies
FortiManager 200D	Yes	Yes	Yes	Yes	Yes	No	Yes
FortiManager 300E	Yes	Yes	Yes	Yes	Yes	No	Yes
FortiManager 400E	Yes	Yes	Yes	Yes	Yes	No	Yes
FortiManager 2000E	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager 3000F	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager 3900E	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base	Yes	Yes	Yes	Yes	Yes	No	Yes
FortiManager VM Base + FMG-VM-10-UG	Yes	Yes	Yes	Yes	Yes	No	Yes
FortiManager VM Base + FMG-VM-100-UG	Yes	Yes	Yes	Yes	Yes	No	Yes
FortiManager VM Base + FMG-VM-1000-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-5000-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-U-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes

FORTIMANAGER APPLIANCES	FMG-200D	FMG-300E	FMG-400E
Capacity and Performance			
Devices/VDOMs (Maximum)[1]	30	100	300
Hardware Specifications			
Hardware Form Factor	1 RU Rackmount	1 RU Rackmount	2 RU Rackmount
Total Interfaces	4x GE	4x GE	2x GE
Console Port	RJ45	DB9	DB9
LCD Display	No	No	No
Storage Capacity	1 TB (1x 1 TB)	12 TB (4x 3 TB)	24 TB (8x 3 TB)
Removable Hard Drives	No	Yes	Yes
RAID Levels Supported	None	RAID 0/1/5/10	RAID 0/1/5/6/10/50/60
High Availability Support	Yes	Yes	Yes
Redundant Hot Swap Power Supplies	No	No	Yes
Dimensions			
Height x Width x Length (inches)	1.8 x 17.1 x 13.9	1.7 x 17.2 x 19.8	3.5 x 17.2 x 25.2
Height x Width x Length (cm)	4.5 x 43.4 x 35.2	4.3 x 43.7 x 50.3	8.9 x 43.7 x 64.8
Weight	13.4 lbs (6.1 kg)	31 lbs (14.1 kg)	52 lbs (23.6 kg)
Environment			
AC Power Supply	100–240V AC, 50–60 Hz, 6 Amp Maximum	100–240V AC, 50-60 Hz	100–240V AC, 60–50 Hz
Power Consumption (Average / Maximum)	60 W / 72 W	93 W	192.5 W
Heat Dissipation	205 BTU/h	456 BTU/h	920 BTU/h
Operating Temperature	32–104°F (0–40°C)	32–104°F (0–40°C)	32–104°F (0–40°C)
Storage Temperature	-13–158°F (-25–70°C)	-40–140°F (-40–60°C)	-40–140°F (-40–60°C)
Humidity	5–95% non-condensing	8–90% non-condensing	8–90% non-condensing
Operating Altitude	Up to 7,400 ft (2,250 m)	Up to 9,842 ft (3,000 m)	Up to 9,842 ft (3,000 m)
Compliance			
Safety Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST

[1] Each Virtual Domain (VDOM) operating on a physical or virtual device counts as one (1) licensed network device

FortiManager 200D

FortiManager 400E

SPECIFICATIONS

FORTIMANAGER APPLIANCES	FMG-2000E	FMG-3000F	FMG-3900E
Capacity and Performance			
Devices/VDOMs (Maximum)[1]	1,200	4,000	10,000
Hardware Specifications			
Hardware Form Factor	2 RU Rackmount	3 RU Rackmount	2 RU Rackmount
Total Interfaces	4x GE, 2x 10 GE SFP+	4x GE, 2x 10 GE SFP+	2x GE, 2x 10 GE SFP+
Console Port	DB-9	DB-9	DB-9
LCD Display	No	No	Yes
Storage Capacity	36 TB (12x 3 TB)	48 TB (16x 3 TB)	15 TB SSD (15x 1 TB SSD)
Removable Hard Drives	Yes	Yes	Yes
RAID Levels Supported	RAID 0/1/5/6/10/50/60	RAID 0/1/5/6/10/50/60	RAID 0/1/5/6/10/50/60
High Availability Support	Yes	Yes	Yes
Redundant Hot Swap Power Supplies	Yes	Yes	Yes
Dimensionsw			
Height x Width x Length (inches)	3.5 x 17.2 x 25.6	5.2 x 17.2 x 25.5	3.5 x 17.2 x 26.9
Height x Width x Length (cm)	8.9 x 43.7 x 64.8	13.2 x 43.7 x 64.8	8.9 x 43.7 x 68.4
Weight	58 lbs (26.3 kg)	76 lbs (34.5 kg)	52 lbs (23.6 kg)
Environment			
AC Power Supply	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz	100–240V AC, 50–60 Hz, 10 Amp Maximum
Power Consumption (Average / Maximum)	195.2 W	285.5 W	391 W / 470 W
Heat Dissipation	920 BTU/h	1376 BTU/h	1637 BTU/h
Operating Temperature	50–95°F (10–35°C)	50–95°F (10–35°C)	50–95°F (10–35°C)
Storage Temperature	-40–140°F (-40–60°C)	-40–140°F (-40–60°C)	-40–140°F (-40–60°C)
Humidity	8–90% non-condensing	8–90% non-condensing	5–95% non-condensing
Operating Altitude	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)	Up to 7,400 ft (2,250 m)
Compliance			
Safety Certifications	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/ cUL, CB, GOST	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/ cUL, CB, GOST	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/ cUL, CB, GOST

FORTIMANAGER VIRTUAL APPLIANCES	FMG-VM-BASE	FMG-VM-10-UG	FMG-VM-100-UG	FMG-VM-1000-UG	FMG-VM-5000-UG	FMG-VM-U-UG
Capacity						
Devices/VDOMs (Maximum)[1]	10	+10	+100	+1,000	+5,000	Unlimited[2]
Storage Capacity[3]	100 GB	200 GB	1 TB	4 TB	8 TB	16 TB
GB/Day of Logs[3]	1	2	5	10	25	50
Virtual Machine						
Hypervisor Support	VMware ESX/ESXi 4.0/4.1/5.0/5.1/5.5/6.0, Microsoft Hyper-V 2008 R2/2012/2012 R2, Citrix XenServer 6.0+, Open Source Xen 4.1+, KVM, Amazon Web Services (AWS), Microsoft Azure					
vCPU Support (Minimum / Maximum)	1 / Unlimited					
Network Interface Support (Minimum / Maximum)	1 / 4					
Storage Support (Minimum / Maximum)	80 GB / 16 TB					
Memory Support (Minimum / Maximum)	1 GB / 4 GB for 32-bit and 2 GB / Unlimited for 64-bit					
High Availability Support	Yes					

[1] Each Virtual Domain (VDOM) operating on a physical or virtual device counts as one (1) licensed network device
[2] Limited in software to 10,000 devices/VDOMs
[3] Storage Capacity and GB/Day of Logs are not stackable. These values represent the maximum available with purchased license.

FortiManager 2000E

FortiManager 3000F

FortiManager 3900E

ORDER INFORMATION

FORTIMANAGER	
SKU	Description
FMG-200D	Centralized management, log and analysis appliance — 4x GE RJ45, 1 TB storage, manages up to 30 Fortinet network devices/virtual domains.
FMG-300E	Centralized management, log and analysis appliance — 4x GE RJ45, 12 TB storage, up to 100x Fortinet devices/virtual domains.
FMG-400E	Centralized management, log and analysis appliance — 2x GE RJ45, 24 TB storage, up to 300x Fortinet devices/virtual domains.
FMG-2000E	Centralized management, log and analysis appliance — 4x GE RJ45, 2x 10 GE SFP+ slots, 36 TB storage, dual power supplies, manages up to 1,200 Fortinet devices/virtual domains.
FMG-3000F	Centralized management, log and analysis appliance — 4x GE RJ45, 2x 10 GE SFP+ slots, 48 TB storage, dual power supplies, manages up to 4,000 Fortinet devices/virtual domains.
FMG-3900E	Centralized management, log and analysis appliance — 2x GE RJ45, 2x 10 GE SFP+ slots, flash-based 15 TB SSD storage, dual power supplies, manages up to 10,000 Fortinet devices/virtual domains.

ADDITIONAL FORTIMANAGER ITEMS	
SKU	Description
FC-10-FNDN1-139-01-12	1 Subscription for 1 User to Fortinet Developer Network
FC-10-FNDN2-139-02-12	1 Year Subscription for Unlimited Users to Fortinet Developer Network
FMG-SDNS	License to operate FortiManager as a dedicated Secure DNS server appliance (3000 series and above – hardware only)

FORTIMANAGER-VM LICENSES		
SKU	Licensed Network Devices (Maximum)	Description[4]
Built-in Evaluation	10	Built-in 15-day EVAL license, no activation required.
Full Evaluation (60-days)	10,000	EVAL license. License and activation required.
FMG-VM-Base	10	Base license for stackable FortiManager-VM. Manages up to 10 Fortinet devices/virtual domains, 1 GB/day of logs and 100 GB storage capacity. Designed for VMware vSphere, Xen, KVM and Hyper-V platforms.
FMG-VM-10-UG	+10	Upgrade license for adding 10 Fortinet devices/virtual domains; allows for total of 2 GB/day of logs and 200 GB storage capacity.
FMG-VM-100-UG	+100	Upgrade license for adding 100 Fortinet devices/virtual domains; allows for total of 5 GB/day of logs and 1 TB storage capacity.
FMG-VM-1000-UG	+1,000	Upgrade license for adding 1,000 Fortinet devices/virtual domains; allows for total of 10 GB/day of logs and 4 TB storage capacity.
FMG-VM-5000-UG	+5,000	Upgrade license for adding 5,000 Fortinet devices/virtual domains; allows for total of 25 GB/day of logs and 8 TB storage capacity.
FMG-VM-U-UG	Unrestricted[5]	Upgrade license for adding unlimited Fortinet devices/virtual domains; allows for total of 50 GB/day of logs and 16 TB storage capacity.
SKU — for AWS		
FMG-VM-BASE-AWS	10	Base license for stackable FortiManager-VM. Manages up to 10 Fortinet devices/virtual domains, 1 GB/day of logs and 100 GB storage capacity. Designed for AWS platform (BYOL).
FMG-VM-10-UG-AWS	+10	Upgrade license for adding 10 Fortinet devices/virtual domains; allows for total of 2 GB/day of logs and 200 GB storage capacity.
FMG-VM-100-UG-AWS	+100	Upgrade license for adding 100 Fortinet devices/virtual domains; allows for total of 5 GB/day of logs and 1 TB storage capacity.
FMG-VM-1000-UG-AWS	+1,000	Upgrade license for adding 1,000 Fortinet devices/virtual domains; allows for total of 10 GB/day of logs and 4 TB storage capacity.
FMG-VM-5000-UG-AWS	+5,000	Upgrade license for adding 5,000 Fortinet devices/virtual domains; allows for total of 25 GB/day of logs and 8 TB storage capacity.
FMG-VM-U-UG-AWS	Unrestricted	Upgrade license for adding unlimited Fortinet devices/virtual domains; allows for total of 50 GB/day of logs and 16 TB storage capacity.
SKU — for Azure		
FMG-VM-BASE-AZ	10	Base license for stackable FortiManager-VM. Manages up to 10 Fortinet devices/virtual domains, 1 GB/day of logs and 100 GB storage capacity. Designed for Azure platform (BYOL).
FMG-VM-10-UG-AZ	+10	Upgrade license for adding 10 Fortinet devices/virtual domains; allows for total of 2 GB/day of logs and 200 GB storage capacity.
FMG-VM-100-UG-AZ	+100	Upgrade license for adding 100 Fortinet devices/virtual domains; allows for total of 5 GB/day of logs and 1 TB storage capacity.
FMG-VM-1000-UG-AZ	+1,000	Upgrade license for adding 1,000 Fortinet devices/virtual domains; allows for total of 10 GB/day of logs and 4 TB storage capacity.
FMG-VM-5000-UG-AZ	+5,000	Upgrade license for adding 5,000 Fortinet devices/virtual domains; allows for total of 25 GB/day of logs and 8 TB storage capacity.
FMG-VM-U-UG-AZ	Unrestricted	Upgrade license for adding unlimited Fortinet devices/virtual domains; allows for total of 50 GB/day of logs and 16 TB storage capacity.

[4] Unlimited virtual CPUs. Memory is not restricted up to the operating system limit of 4 GB (32-bit) / Unlimited (64-bit)
[5] Limited in software to 10,000 devices/VDOMs.