FortiManager™
Centralized Security Management

FortiManager

FortiManager 200D, 300D, 300E, 400E, 1000D, 2000E, 3000F, 3900E, 4000E and VM

Centralized Security Management

Take Control of Your Security Infrastructure

The FortiManager family delivers the versatility you need to effectively manage your Fortinet-based security infrastructure. FortiManager drastically reduces management costs, simplifies configuration, and accelerates deployment cycles, whether you are deploying new devices, installing security policies, or Virdistributing updates.

FortiManager also provides crucial timesaving features like device auto-discovery, group management, global policies, auditing facilities, and the ability to manage complex VPN environments. 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

Integrated FortiAnalyzer Logging	This allows for a tighter integration and correlation of events and policies. A consolidated platform allows customers to more easily deploy Fortinet management products.
Hierarchical Objects Database	Facilitates reuse of common configurations across the organization in both local and global ADOM levels.
Automated Device Provisioning/ Centralized Policy Configuration	Reduces cost of deploying new FortiGate or FortiClient installations and maintains policies across all managed assets.
Role-Based Administration	Enables distributed administration, an important requirement for larger organizations.
Policy/Device Auditing	Allows you to prove compliance, and track any deviations from the required security policy.
In-View Policy Object Editing	Faster rulebase editing without opening new windows or changing context.
Device Profiles	Aids in mass provisioning of managed devices.

Fortinet's Versatile Management Solution

Networks are constantly evolving due to threats, organizational growth or new regulatory/business requirements. Traditional management products focus on mitigating company-wide threats through firewall policies, firmware updates and keeping content security current.

FortiManager offers enterprise class features to contain these threats, but also provides flexibility to evolve along with your ever-changing network. In addition to being able to manage hundreds or even thousands of FortiGate devices, FortiManager now includes basic FortiAnalyzer logging and reporting functions for administrators who prefer a consolidated management platform.

Key tenets of Fortinet's management versatility:

- Diversity of form factors
- Architectural flexibility
- Highly customizable
- Simple licensing

FortiCare Worldwide 24x7 Support
support.fortinet.com

FortiGuard Security Services
www.fortiguard.com

Fortinet Developer Network
Worldwide Developer Community

HIGHLIGHTS

Administrative Domains (ADOMs) and Global Policy

Enables a primary administrator to create groups of devices for other administrators to monitor and manage:
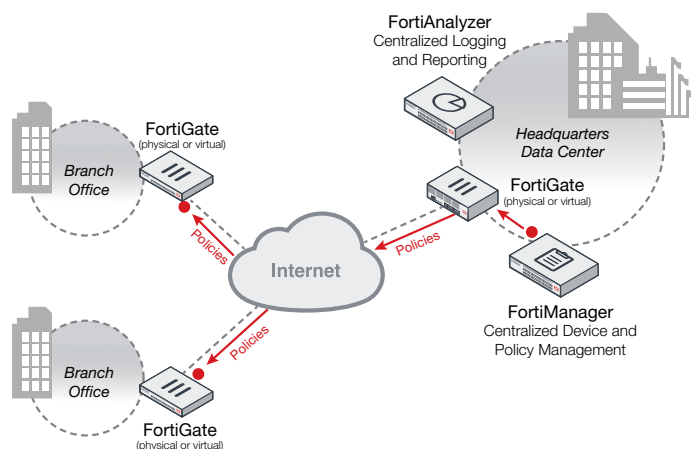
- Administrators can manage devices in their geographic location or business division
- Multiple FortiGate virtual domains (VDOMs) can be divided among multiple ADOMs
- Granular permissions allow assigning ADOMs and policies to particular users
- Administrators can only access devices or VDOMs assigned to them
- Create device configuration templates to quickly configure a new Fortinet appliance
- Within each ADOM, there is a common database of objects shared by all devices and policy packages allowing users to reuse similar configurations among a group of managed assets
- Global Policy capabilities are available on all FortiManager hardware models and virtual machines

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.

FortiAnalyzer
Centralized Logging and Reporting

Headquarters Data Center

FortiGate (physical or virtual)

Branch Office

FortiGate (physical or virtual)

Policies

Internet

FortiManager
Centralized Device and Policy Management

Branch Office

FortiGate (physical or virtual)

Policies

JSON and XML (Web Services) APIs

- JSON API — Allows MSSPs/large enterprises to create customized, branded web portals for policy and object administration
- XML API — Enables administrators to automate common tasks such as provisioning new FortiGates and configuring existing devices

Locally Hosted Security Content

Hosting security content locally allows the administrator greater control over security content updates and provides improved response time for rating databases. Includes support for:

- Antivirus definition updates
- Intrusion Prevention updates
- Vulnerability and Compliance Management updates
- Web Filtering (select systems)
- Antispam (select systems)

Command and Control

- Manage devices and endpoint agents individually or as logical groups
- Update device firmware
- Discover new devices automatically
- Create, deploy, and monitor virtual private networks
- Delegate control to other users with distributed administration features
- Audit configuration changes to ensure compliance

Monitor, Analyze and Report

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

FortiManager Supported Devices

- FortiGate and FortiCarrier Consolidated Security Appliances
- FortiAP Wireless Access Points
- FortiMail Messaging Security Systems
- FortiWeb Web Application Security
- FortiAnalyzer Reporting and Analysis Appliances
- FortiSwitch Switching Platforms
- FortiSandbox Advanced Threat Protection Appliances

SPECIFICATIONS

FORTIMANAGER APPLIANCES	FMG-200D	FMG-300D	FMG-300E	FMG-400E	FMG 1000D
Capacity and Performance					
Devices/VDOMs (Maximum)[1]	30	300	100	300	1,000
Hardware Specifications					
Hardware Form Factor	1 RU Rackmount	1 RU Rackmount	1 RU Rackmount	2 RU Rackmount	2 RU Rackmount
Total Interfaces	4x GE	4x GE	4x GE	2x GE	6x GE, 2x GE SFP
Console Port	RJ45	RJ45	DB9	DB9	RJ45
LCD Display	No	No	No	No	No
Storage Capacity	1 TB (1x 1 TB)	4 TB (2x 2 TB)	12 TB (4x 3 TB)	24 TB (8x 3 TB)	8 TB (4x 2 TB)
Removable Hard Drives	No	No	Yes	Yes	Yes
RAID Levels Supported	None	RAID 0/1	RAID 0/1/5/10	RAID 0/1/5/6/10/50/60	RAID 0/1/5/10
High Availability Support	Yes	Yes	Yes	Yes	Yes
Redundant Hot Swap Power Supplies	No	No	No	Yes	Yes
Dimensions					
Height x Width x Length (inches)	1.8 x 17.1 x 13.9	1.7 x 17.1 x 14.3	1.7 x 17.2 x 19.8	3.5 x 17.2 x 25.2	3.5 x 17.1 x 14.5
Height x Width x Length (cm)	4.5 x 43.4 x 35.2	4.4 x 43.4 x 36.4	4.3 x 4.4 x 5.0	8.9 x 4.4 x 6.9	9 x 43.4 x 36.8
Weight	13.4 lbs (6.1 kg)	15.9 lbs (7.2 kg)	31 lbs (14.1 kg)	52 lbs (23.6 kg)	30.6 lbs (13.9 kg)
Environment					
AC Power Supply	100–240V AC, 50–60 Hz, 6 Amp Maximum	100–240V AC, 50–60 Hz, 4 Amp Maximum	100–240V AC, 50-60 Hz	100–240V AC, 60–50 Hz	100–240V AC, 50–60 Hz, 5 Amp Maximum
Power Consumption (Average / Maximum)	60 W / 72 W	162 W / 172 W	93 W	192.5 W	133 W / 160 W
Heat Dissipation	205 BTU/h	666 BTU/h	456 BTU/h	920 BTU/h	546 BTU/h
Operating Temperature	32–104°F (0–40°C)	50–95°F (10–35°C)	41–95°F (5–35°C)	41–95°F (5–35°C)	32–104°F (0–40°C)
Storage Temperature	-13–158°F (-25–70°C)	-40–158°F (-40–70°C)	-40–140°F (-40–60°C)	-40–140°F (-40–60°C)	-13–158°F (-25–70°C)
Humidity	5–95% non-condensing	8–90% non-condensing	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)	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, UL/cUL, CB	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	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, UL/cUL, CB

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

FortiManager 200D

FortiManager 300D

Image not available

FortiManager 300E

Image not available

FortiManager 400E

FortiManager 1000D

SPECIFICATIONS

FORTIMANAGER APPLIANCES	FMG-2000E	FMG-3000F	FMG-3900E	FMG-4000E
Capacity and Performance				
Devices/VDOMs (Maximum)[1]	1,200	4,000	10,000	4,000
Hardware Specifications				
Hardware Form Factor	2 RU Rackmount	3 RU Rackmount	2 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+	4x GE, 2x GE SFP
Console Port	DB-9	DB-9	DB-9	DB-9
LCD Display	No	No	Yes	Yes
Storage Capacity	36 TB (12x 3 TB)	48 TB (16x 3 TB)	15 TB SSD (15x 1 TB SSD)	16 TB (8x 2 TB)
Removable Hard Drives	Yes	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	RAID 0/1/5/6/10/50/60
High Availability Support	Yes	Yes	Yes	Yes
Redundant Hot Swap Power Supplies	Yes	Yes	Yes	Yes
Dimensions				
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	3.4 x 19 x 29.7
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	8.7 x 48.2 x 75.5
Weight	58 lbs (26.3 kg)	76 lbs (34.5 kg)	52 lbs (23.6 kg)	71.5 lbs (32.5 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	100–240V AC, 50–60 Hz, 10 Amp Maximum
Power Consumption (Average / Maximum)	195.2 W	285.5 W	391 W / 470 W	376 W / 561 W
Heat Dissipation	920 BTU/h	1376 BTU/h	1637 BTU/h	1947 BTU/h
Operating Temperature	50–95°F (10–35°C)	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)	-40–149°F (-40–65°C)
Humidity	8–90% non-condensing	8–90% non-condensing	5–95% non-condensing	20–90% 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)	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	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)					
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.

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FortiManager 2000E

Image not available

FortiManager 3000F

FortiManager 3900E

FortiManager 4000E

FortiManager Virtual Appliance

FEATURES

	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 300D	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 1000D	Yes	Yes	Yes	Yes	Yes	Yes	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 4000E	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base	Yes	Yes	Yes	No	No	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

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, up to 2 GB/day of logs.
FMG-300D	Centralized management, log and analysis appliance — 4x GE RJ45, 4 TB storage, manages up to 300 Fortinet devices/virtual domains, up to 2 GB/day of logs.
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-1000D	Centralized management, log and analysis appliance — 6x GE RJ45, 2x SFP slots, 8 TB storage, dual power supplies, manages up to 1,000 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.
FMG-4000E	Centralized management, log and analysis appliance — 4x GE RJ45, 2x GE SFP slots, 16 TB storage, dual power supplies, manages up to 4,000 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

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.

[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.

FURTINET®

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