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**Fortinet FortiManager**

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# FortiManager™

## 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 distributing 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.
XML API	Web Services interface that enables users to integrate with provisioning systems and automate the configuration of the many devices that FortiManager is capable of managing.
JSON API	JSON API allows MSSPs to offer administrative web portals to customers.

### 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

# 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 (VDMs) can be divided among multiple ADOMs
- Granular permissions allow assigning ADOMs and policies to particular users
- Administrators can only access devices or VDMs 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

## 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 quickly provision new FortiGates and configure existing devices
- XML API — Administrators can obtain information, create and run FortiOS CLI scripts on the FortiManager database, and then install the changes on FortiGate units
- Access tools, sample code, documentation and interact with the Fortinet developer community by subscribing to the Fortinet Developer Network (FNDN)

## 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
- 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

## Manage Updates

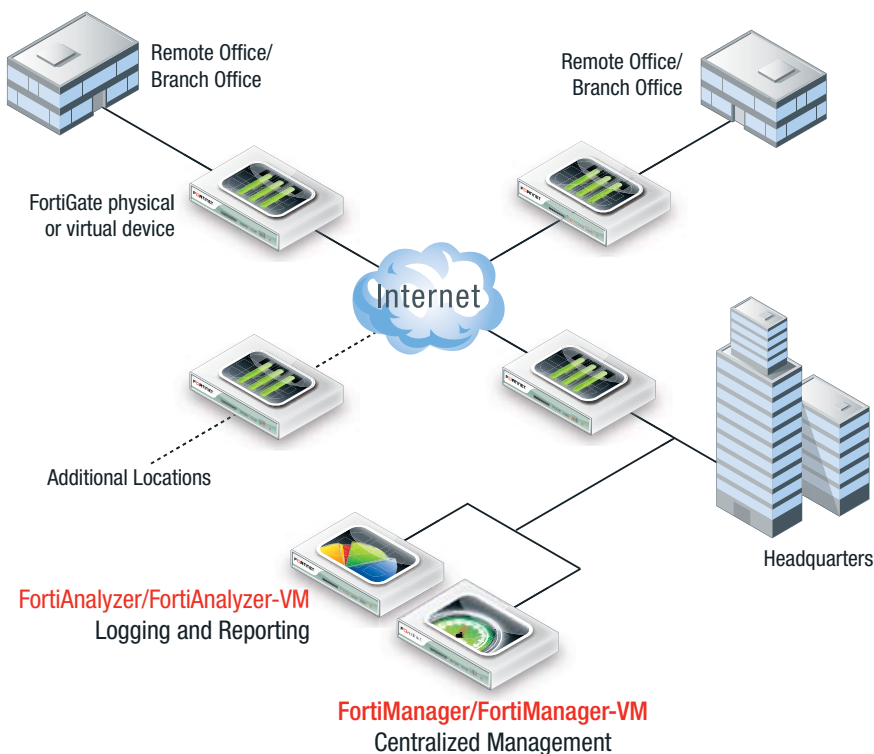
- Simplify the ongoing maintenance of your Fortinet-based security infrastructure by scheduling device updates

## 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
- FortiAnalyzer Analysis and Reporting Appliances
- FortiSwitch Switching Platforms



# SPECIFICATIONS

FORTIMANAGER APPLIANCES	FORTIMANAGER 200D	FORTIMANAGER 300D	FORTIMANAGER 1000D	FORTIMANAGER 4000E		
<b>Capacity and Performance</b>						
Licensed Network Devices <sup>1</sup> (Max)	30	300	1,000	4,000		
Administration Domains (ADOMs)	30	300	1,000	4,000		
Admin Web Portals / Max Portal Users	—	—	1,000	4,000		
Global Policy (Included)	Yes	Yes	Yes	Yes		
GB/Day of Logs	2	2	2	10		
<b>Hardware Specifications</b>						
Hardware Form Factor	1 RU Rackmount	1 RU Rackmount	2 RU Rackmount	2 RU Rackmount		
Total Interfaces	4x GbE	4x GbE	6x GbE, 2x GbE SFP	4x GbE, 2x GbE SFP		
Console Port	RJ45	RJ45	RJ45	DB-9		
LCD Display	No	No	No	Yes		
Number of Hard Drives	1	2	4	8 (8 Max)		
Removable Hard Drives	No	No	Yes	Yes		
Storage Capacity	1x 1 TB	2x 2 TB (4 TB Max)	4x 2 TB (8 TB Max)	8x 2TB (16 TB Max)		
RAID Storage Management	No	Yes (0, 1)	Yes (0, 1, 5, 6, 10, 50, 60)	Yes (0, 1, 5, 6, 10, 50, 60)		
High Availability Support	Yes	Yes	Yes	Yes		
Redundant Hot Swap Power Supplies	No	No	Yes	Yes		
<b>Dimensions</b>						
Height x Width x Length (in)	1.8 x 17.1 x 13.9	1.7 x 17.1 x 14.3	3.5 x 17.1 x 14.5	3.4 x 19 x 29.7		
Height x Width x Length (cm)	4.5 x 43.4 x 35.2	4.4 x 43.4 x 36.4	9 x 43.4 x 36.8	8.7 x 48.2 x 75.5		
Weight	13.4 lbs (6.1 kg)	15.9 lbs (7.2 kg)	30.6 lbs (13.9 kg)	71.5 lbs (32.5 Kg)		
<b>Environment</b>						
AC Power Supply	100–240V AC 50–60 Hz, 6 Amp Max	100–240V AC 50–60 Hz, 4.0 Amp Max	100–240V AC 50–60 Hz, 5 Amp Max	100–240V AC 50–60 Hz, 10 Amp Max		
Power Consumption (AVG)	60 W	162 W	133 W	375.8 W		
Heat Dissipation	205 BTU/h	666 BTU/h	546 BTU/h	1947 BTU/h		
Operating Temperature	32–104°F (0–40°C)	50–95°F (10–35°C)	32–104°F (0–40°C)	50–95°F (10–35°C)		
Storage Temperature	-13–158°F (-25–70°C)	-40–158°F (-40–70°C)	-13–158°F (-25–70°C)	-40–149°F (-40–65°C)		
Humidity	5–95% 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)		
<b>Compliance</b>						
Safety Certifications	FCC Class A Part 15, UL/CB/cUL, C-Tick, VCCI, CE	FCC Class A Part 15, UL/CB/cUL, C-Tick, VCCI, CE	FCC Class A Part 15, C-Tick, VCCI, CE, BSMI, UL/CB/cUL	FCC Part 15 Class A, C-Tick, VCCI, CE, BSMI, KC, UL/cUL, CB, GOST		
<b>FMG VIRTUAL APPLIANCES</b>						
	FMG-VM-BASE	FMG-VM-10-UG	FMG-VM-100-UG	FMG-VM-1000-UG	FMG-VM-5000-UG	FMG-VM-U-UG
<b>Capacity</b>						
Licensed Network Devices <sup>1,2</sup> (Max)	10	+10	+100	+1,000	+5,000	Unlimited <sup>2</sup>
Administration Domains (ADOMs)	10	+10	+100	+1,000	+5,000	Unlimited <sup>2</sup>
Admin Web Portals / Max Portal Users	10	+10	+100	+1,000	+5,000	Unlimited <sup>2</sup>
Device Quota	100 GB	200 GB	1 TB	4 TB	8 TB	16 TB
GB/Day of Logs	1	2	5	10	25	50
<b>Virtual Machine</b>						
Hypervisor Support	VMware ESX/ESXi 4.0/4.1/5.0/5.1/5.5, Microsoft Hyper-V 2008 R2 / 2012, Amazon (Amazon Web Services) AMI					
vCPU Support (Min/Max)	1 / Unlimited					
Network Interface Support (Min/Max)	1 / 4					
Storage Support (Min/Max)	80 GB / 16 TB					
Memory Support (Min/Max)	1 GB / 4 GB for 32-bit and 2 GB / Unlimited for 64-bit					
High Availability Support	Yes					

<sup>1</sup> Each Virtual Domain (VDOM) operating on a physical or virtual device counts as one (1) licensed network device.

<sup>2</sup> Limited in software to 10,000 devices, ADOMs, Web Portals, and Web Portal users.



FortiManager 200D



FortiManager 1000D



FortiManager 300D



FortiManager 4000E



FortiManager Virtual Appliance

# FEATURES

	LOCALLY HOSTED SECURITY CONTENT					MISCELLANEOUS FEATURES			
	Antivirus	Intrusion Prevention	Vulnerability Management	Web Filtering	Antispam Databases	Shelf Manager	(VM Activation) Closed Network Mode	Global Policies	Web Portal
FortiManager 200D	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
FortiManager 300D	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
FortiManager 1000D	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager 4000E	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-10-UG	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-100-UG	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-1000-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-5000-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FortiManager VM Base + FMG-VM-U-UG	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

## ORDER INFORMATION

ADDITIONAL FORTIMANAGER ITEMS		
SKU	Description	
FC-10-FNDN1-139-02-12	Access for 1 user to Fortinet Developer Network	
FORTIMANAGER VIRTUAL APPLIANCES		
SKU	Licensed Network Devices (Max)	Description <sup>3</sup>
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 FortiGate devices/Administrative Domains; 1 GB/day of logs and 100 GB device quota. Designed for AWS, VMware vSphere and Microsoft Hyper-V platforms.
FMG-VM-10-UG	+10	Upgrade license for adding 10 FortiGate devices/Administrative Domains; allows for total of 2 GB/day of logs and 200 GB device quota.
FMG-VM-100-UG	+100	Upgrade license for adding 100 FortiGate devices/Administrative Domains; allows for total of 5 GB/day of logs and 1 TB device quota.
FMG-VM-1000-UG	+1,000	Upgrade license for adding 1,000 FortiGate devices/Administrative Domains; allows for total of 10 GB/day of logs and 4 TB device quota.
FMG-VM-5000-UG	+5,000	Upgrade license for adding 5,000 FortiGate devices/Administrative Domains; allows for total of 25 GB/day of logs and 8 TB device quota.
FMG-VM-U-UG	Unlimited <sup>4</sup>	Upgrade license for adding unlimited FortiGate devices/Administrative Domains; allows for total of 50 GB/day of logs and 16 TB device quota.

<sup>3</sup> Unlimited virtual CPUs. Memory is not restricted up to the operating system limit of 4 GB (32-bit) / Unlimited (64-bit)

<sup>4</sup> Limited in software to 10,000 devices, ADOMs, Web Portals, and Web Portal users.

**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 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.

**Fortinet® Developer Network** is subscription-based advanced license support for Fortinet products, geared towards application and integration developers. This service covers advanced topics like the FortiManager™ Web Portal and XML APIs. Includes best practices, example code, and community-built management tools.



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