FortiManager

Networks are constantly evolving due to threats, organizational growth, or new regulatory/business requirements. **FortiManager Centralized Security Management** delivers the ability to contain threats as well as providing flexibility to evolve along with your ever-changing network. Easily control the deployment of security policies, FortiGuard content security updates, firmware revisions, and individual configurations for thousands of FortiOS-enabled devices. FortiManager lets you maintain control over your FortiGate and FortiAP topologies through an easy-to-use, centralized, single-pane-of-glass management console, and gives you **total visibility** of your security posture, providing full control of your network and a reduced attack surface with **Fortinet's Security Fabric**

Scaleable Centralized Device & Policy Management

Simplified policy management and device provisioning for large scale deployment from one central place.

Full Control of Your Security Fabric

Dynamic security updates and end-to-end security management for your Fortinet firewalls, wireless access points, switches, endpoints and remote VPN access to provide complete protection.

Powerful and Intelligent APIs

Support of Restful API for task automation and integration with your existing security infrastructure to reduce the cost of operations.

Three form factors

Available in all three form factors, for the power to secure organizations large and small: **Physical, Virtual** and **Cloud**

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

FortiCare Worldwide 24/7 support
support.fortinet.com

FortiGuard Security Services
www.fortiguard.com

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.
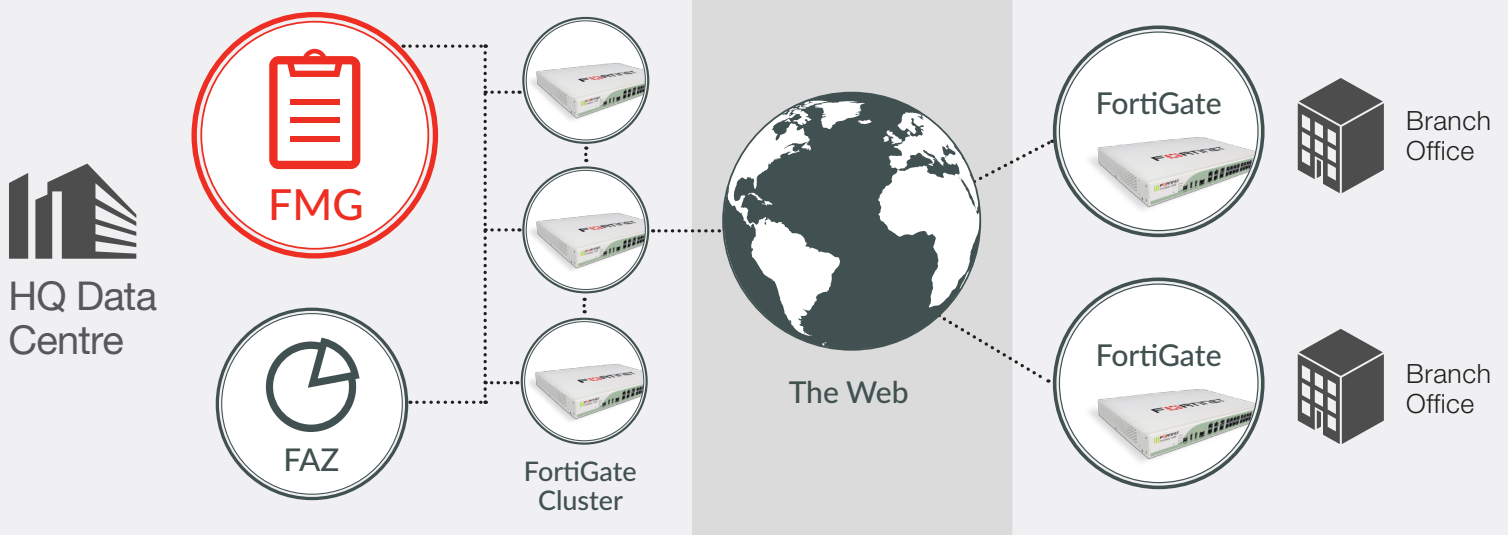
Single Pane-of-Glass Management

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 100,000 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.
Multi-Tier Management (Global Policies & Objects)	Universally apply policies and objects to all ADOMs and VDOMs, providing enhanced security and greater control of network traffic.

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

Highlights

Multi-Tenancy and Heirarchical — Administrative Domains (ADOMs)

- Hierarchical objects database to facilitate re-use of common configurations across the organization
- Multi-tenancy architecture to serve multiple customers
- 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
- Zero-touch deployment uses templates to provision devices for quick 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

Centralized Configuration and Settings Management

- Collectively configure the device settings, objects and policies across your network from a single user interface
- VPN manager simplifies the deployment and allows centrally-provisioned VPN community and monitoring of VPN connections on Google Map
- 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
- Ability to centrally manage up to 100,000 FortiGate security appliances
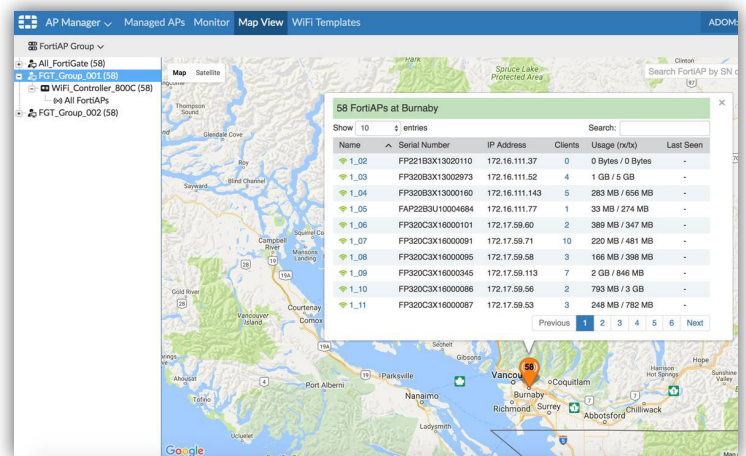
Workflow for Audit and Compliance

- 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

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, Vulnerability Management, Antispam, Antivirus and Web Filtering updates

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

Specifications

	FMG-200D	FMG-300E	FMG-400E
CAPACITY AND PERFORMANCE			
Devices/VDOMs (Maximum)[1]	30	100	300
Sustained Log Rates	50	50	50
GB/Day	2	2	2
HARDWARE SPECIFICATIONS			
Storage Capacity	1 TB (1x 1 TB)	12 TB (4x 3 TB)	24 TB (8x 3 TB)
Total Storage (after RAID)	1 TB	6 TB	21 TB
RAID Levels Supported	None	RAID 0/1/5/10	RAID 0/1/5/6/10/50/60
Default RAID	No	10	50
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
Removable Hard Drives	No	✅	✅
Redundant Hot Swap Power Supplies	No	No	✅
Chassis Management *	No	No	No
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	90-264V AC, 63-47 Hz	100–240V AC, 50-60 Hz	100–240V AC, 60–50 Hz
Power Consumption (Average / Maximum)	60 W / 72 W	93W/133W	192.5W/275W
Heat Dissipation	205 BTU/h	456 BTU/h	920 BTU/h
Operating Temperature	32–104°F (0–40°C)	41–95°F (5–35°C)	41–95°F (5–35°C)
Storage Temperature	-13–158°F (-25–70ºC)	-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

* FGT 7000 Series is supported on all FMG models and does not require Chassis Management.

* VM Chassis Management supprted on FMG-VM-1000-UG and above.

Global Policies and high availability support available on all models

Specifications

	FMG-2000E	FMG-3000F	FMG-3900E
CAPACITY AND PERFORMANCE			
Devices/VDOMs (Maximum)[1]	1,200	4,000	10,000
Sustained Log Rates	50	150	150
GB/day logs	2	10	10
HARDWARE SPECIFICATIONS			
Storage Capacity	36 TB (12x 3 TB)	48 TB (16x 3 TB)	15 TB SSD (15x 1 TB SSD)
Total Storage (after RAID)	30 TB	42 TB	12 TB
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
Default RAID	50	50	50
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	✅
Removable Hard Drives	✅	✅	✅
Redundant Hot Swap Power Supplies	✅	✅	✅
Chassis Management	✅	✅	✅
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
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)	293.8W/354W	449W/541W	391 W / 395.9 W
Heat Dissipation	1209 BTU/h	1846.5 BTU/h	1350.8 BTU/h
Operating Temperature	50–95°F (10–35°C)	50–95°F (10–35°C)	50–95°F (10–35°C)
Storage Temperature	-40–158°F (-40–70°C)	-40–158°F (-40–70°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

Global Policies and high availability support available on all models

FORTIMANAGER VIRTUAL APPLIANCES	FMG-VM-BASE	FMG-VM-10-UG	FMG-VM-100-UG	FMG-VM-1000-UG	FMG-VM-5000-UG	FMG-VM-10K-UG
CAPACITY						
Devices/VDOMs (Maximum)[1]	10	+10	+100	+1,000	+5,000	+10,000
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 /2016, Citrix XenServer 6.0+, Open Source Xen 4.1+, KVM, Amazon Web Services (AWS), Microsoft Azure					
vCPU Support (Minimum / Maximum)	2 / Unlimited					
Network Interface Support (Min / Max)	1 / 4					
Storage Support (Minimum / Maximum)	100 GB / 16 TB					
Memory Support (Minimum / Maximum)	4 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.

Order Information

PRODUCT	SKU	DESCRIPTION
FORTIMANAGER	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.
FORTIMANAGER DEVICE UPGRADE	FMG-DEV-100-UG	FortiManager device upgrade license for adding 100 Fortinet devices/vdoms (3000 series and above - hardware only)
FORTIMANAGER-VM LICENSES	Built-in Evaluation	Built-in 15-day EVAL license, no activation required.
	Full Evaluation (60-days)	EVAL license. License and activation required.
	FMG-VM-Base	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	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	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	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	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-10K-UG	Upgrade license for adding 10,000 Fortinet devices/Virtual Domains Domains by default, with capacity to increase with add-on license. Allows for total of 50 GB/Day of Logs and 16 TB storage capacity.
	FMG-VM-BASE-AWS	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	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	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	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	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-10K-UG-AWS	Upgrade license for adding 10,000 Fortinet devices/Virtual Domains Domains by default, with capacity to increase with add-on license. Allows for total of 50 GB/Day of Logs and 16 TB storage capacity.
FOR AZURE	FMG-VM-BASE-AZ	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	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	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	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	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-10K-UG-AZ	Upgrade license for adding 10,000 Fortinet devices/Virtual Domains Domains by default, with capacity to increase with add-on license. Allows for total of 50 GB/Day of Logs and 16 TB storage capacity.
ADDITIONAL FORTIMANAGER ITEMS	FC-10-FNDN1-139-02-12	1 Year Subscription Renewal 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)

[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`