FortiMail™ Cloud

Hosted Email Security

FortiMail Cloud is a powerful, independently validated and top-rated Secure Email Gateway solution delivering >99.7% spam detection rate, multiple layers of malware detection and an extremely low false positive rate. It includes analyst recommended Advanced Threat Defense Capabilities as well as a full complement of data protection features. Fully managed by Fortinet, FortiMail Cloud Email Security allows you to focus on your business by relying on a trusted security expert to manage this key infrastructure security component.

Requirement	What Fortinet Cloud Security Delivers
Market-leading spam detection	FortiMail delivers highly accurate spam detection (99.71% September 2020[1]) via the use of multiple fully integrated, advanced detection techniques. These include FortiGuard Antispam, sender reputation, URL analysis and more.
Top-rated Threat Prevention	FortiMail cloud security scans inbound and outbound email for malware using FortiGuard Antivirus — consistently top-rated by ICSA Labs, SE Labs, and Virus Bulletin — together with cloud sample lookups and real-time outbreak protections.
Independently Certified Advanced Threat Defense	Customers benefit from Fortinet's NSS Labs Recommended FortiSandbox, plus new Content Disarm and Reconstruction, Click Protection and Impersonation Analysis for the very highest degree of protection.
Fully-managed service	The FortiMail Cloud service is a fully-managed service backed by 24x7 support across the globe.
Encryption options	Server to server encryption via TLS encryption ensures data privacy where possible. For enhanced security, Identity-Based Encryption option can be added to deliver secure messaging all the way to the recipient's desktop.

[1] Source https://www.virusbtn.com/vbspam/index

Third-Party Certifications

- Independently validated (ICSA Labs, SE Labs, VBSpam, and VB100)
- >99.7% spam detection rate
- 99.999% service availability

Highlights

- Top-rated antispam with sender, connection, and content level inspection
- Award-winning FortiGuard outbreak protection, Antimalware with emulation, unpacking, Click Protection, and more
- FortiGuard URL detection for phishing, malware, and adult content URLs
- Impersonation Analysis and other techniques to thwart business email compromise
- Integration with either FortiSandbox on-premises or FortiSandbox Cloud

Deployment Modes

- Gateway — Route your email to Fortinet where it is cleaned of malware and spam and forwarded onwards to your mail servers.
- Server — Host your email infrastructure and security with Fortinet while benefiting from malware and spam protection as well as protection of sensitive information.

Features

FortiMail Cloud — Gateway

The FortiMail Cloud — Gateway service provides cloud-based email security for customers with either on-premise or third-party hosted email deployments. The service acts as an inbound and outbound gateway for customer email and cleans it of spam and malware before forwarding to its destination.


* Premium Only
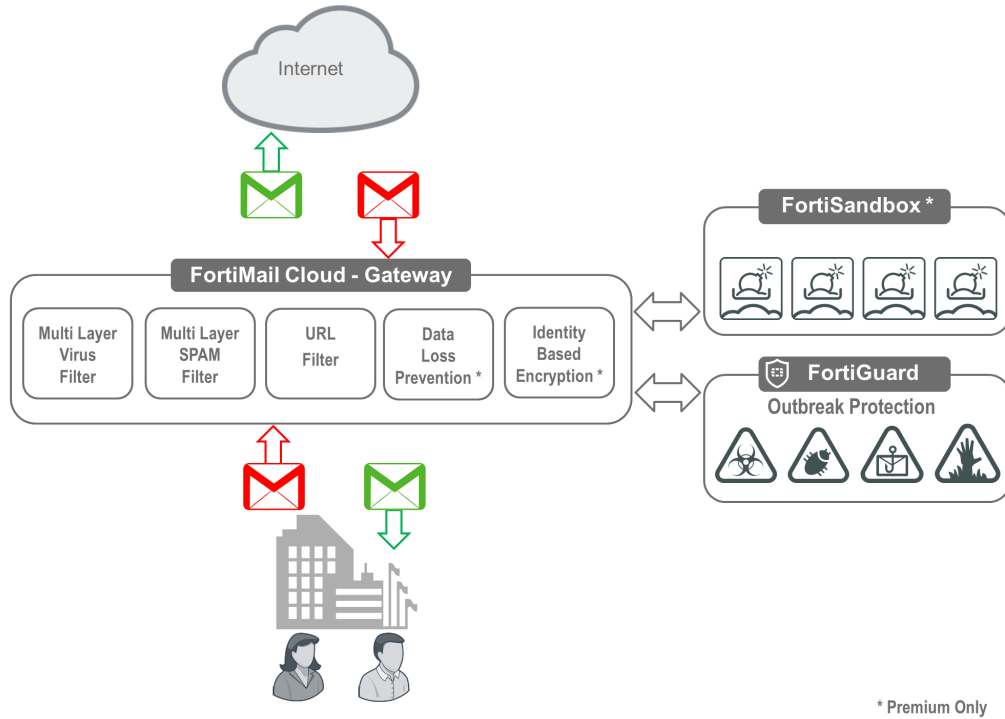
Feature	FortiMail Cloud Gateway	FortiMail Cloud Gateway Premium	Gateway Premium with Microsoft 365 API Support
Fully-managed service	•	•	•
99.999% Service availability	•	•	•
>99.7% Spam detection rate	•	•	•
Advanced multi-layer malware detection	•	•	•
Inbound and outbound filtering	•	•	•
Integration with customer LDAP	•	•	•
Secure message delivery (TLS)	•	•	•
Message tracking	•	•	•
Reporting	•	•	•
Virus Outbreak Service	•	•	•
Content Disarm and Reconstruction		•	•
URL Click Protection		•	•
Impersonation Analysis		•	•
Cloud Sandboxing		•	•
Identity-Based Encryption (IBE)		•	•
Data Loss Prevention		•	•
Real-time scanning of Microsoft 365 mailboxes			•
Scheduled scanning of Microsoft 365 mailboxes			•
Post-delivery clawback of newly discovered email threats			•

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Features

FortiMail Cloud — Server

The FortiMail Cloud — Server service provides a fully-hosted Email Server combined with cloud-based email security. The service replaces the need to manage and maintain all on-premise email servers delivering email and security services from the FortiMail cloud.

* Premium Only
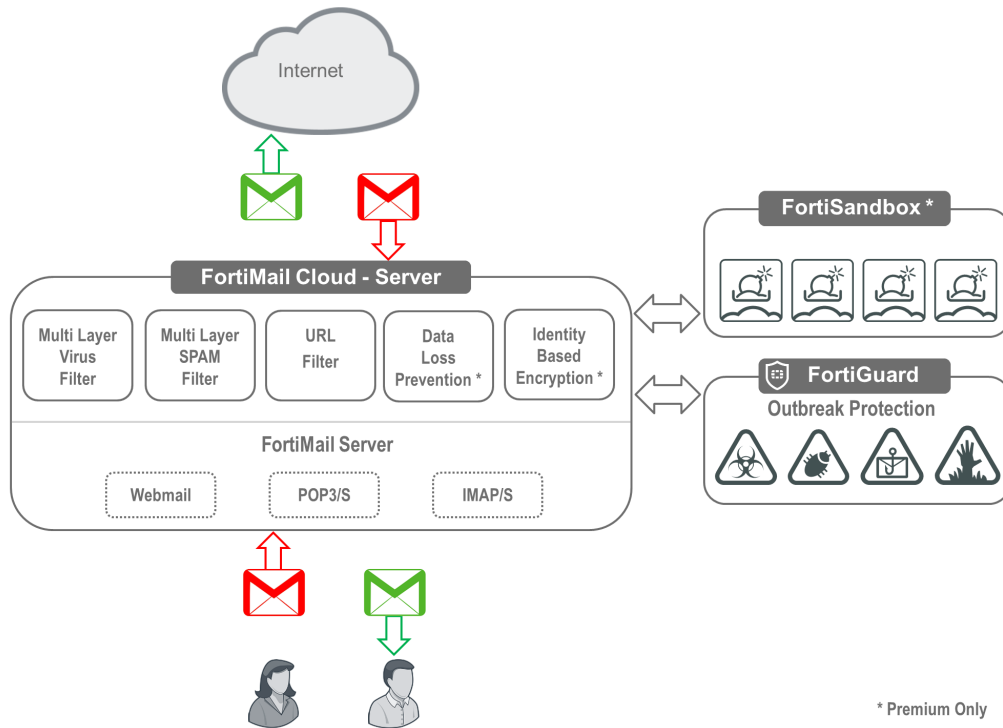
Feature	FortiMail Cloud — Server	FortiMail Cloud — Server Premium
Fully-managed service	•	•
Email hosting with POP3, IMAP & Webmail access	•	•
99.999% Service availability	•	•
>99.7% Spam detection rate	•	•
Advanced multi-layer malware detection	•	•
Inbound and outbound filtering	•	•
Integration with customer LDAP	•	•
Secure message delivery (TLS)	•	•
Message tracking	•	•
Reporting	•	•
Virus Outbreak Service	•	•
Content Disarm and Reconstruction		•
URL Click Protection		•
Impersonation Analysis		•
Cloud Sandboxing		•
Identity-Based Encryption (IBE)		•
Data Loss Prevention		•
Mailbox size per user	5 GB	20 GB

Specifications

TECHNICAL SPECIFICATIONS FOR FORTIMAIL VIRTUAL APPLIANCES	VM01	VM02	VM04	VM08	VM16	VM32
Recommended Deployment Scenarios *						
	Small businesses, branch offices, and organizations	Small to midsized organizations	Mid to large enterprise	Large enterprise	Large enterprise	Large enterprise
Technical Specifications						
Hypervisors Supported	VMware ESXi 5.0/5.1/5.5/6.0/6.5, Citrix / OpenSource XenServer 5.6 SP2/6.0 or later, Microsoft Hyper-V 2008 R2/2012/2012 R2/2016, KVM (qemu 0.12.1 and later), AWS (Amazon Web Services), Microsoft Azure **					
Maximum Virtual CPUs Supported	1	2	4	8	16	32
Virtual NICs Required (Minimum/Maximum)	1 / 4	1 / 4	1 / 6	1 / 6	1 / 6	1 / 6
Virtual Machine Storage Required (Minimum/Maximum) ***	50 GB / 1 TB	50 GB / 2 TB	50 GB / 4 TB	50 GB / 8 TB	50 GB / 12 TB	50 GB / 24 TB
Virtual Machine Memory Required (Minimum/Maximum)	2 GB / 4 GB	2 GB / 8 GB	4 GB / 16 GB	4 GB / 64 GB	4 GB / 128 GB	4 GB / 128 GB
Performance (Messages/Hour) [Without queuing based on 100 KB message size] ****						
Email Routing	34 K	67 K	306 K	675 K	875 K	1.2 M
FortiGuard Antispam	30 K	54 K	279 K	630 K	817 K	1.1 M
FortiGuard Antispam + Antivirus	26 K	52 K	225 K	585 K	758 K	1.0 M
System Specifications						
Protected Email Domains *****	20	100	800	1,000	2,000	2,000
Recipient-Based Policies (Domain / System) — Incoming or Outgoing	60 /300	400 / 1,500	800 / 3,000	800 / 3,000	1,500 / 7,500	1,500 / 7,500
Server Mode Mailboxes	150	400	1,500	2,000	3,000	3,000
Antispam, Antivirus, Authentication, and Content Profiles (per Domain / per System)	50 / 60	50 / 200	50 / 400	50 / 400	50 / 600	50 / 600
Data Loss Prevention	No	Yes	Yes	Yes	Yes	Yes
Centralized Quarantine	No	Yes	Yes	Yes	Yes	Yes
Microsoft 365 API Integration	No	Optional	Optional	Optional	Optional	Optional

* Recommended sizing for Gateway and Transparent deployments. For Server Mode, see Server Mode Mailbox metric. If unsure, please validate the model selection by checking the peak mail flow rates and average message size detail with a FortiMail specialist.

** Transparent mode deployment is not fully supported on Microsoft HyperV and cloud hypervisors due to limitations in the available network configurations.

*** For the initial VM setup, 250GB is required to install the default Fortinet OVF file. After deployment, the default OVF file can be deleted and the disk space set no less than 50GB.

**** Hardware dependent. Indicative figures based on a VMWare 6.0 system utilizing 2x Intel Xeon E5-2620 v4 @ 2.10 GHz restricted to the specified number of cores.

***** Protected Email Domains is the total number of email domains that can be configured on the appliance. Domain Associations can be used to enable additional domains which share configuration with the primary domain to which they are assigned.

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Order information

FortiMail Cloud — Gateway

Hosted Gateway Email Filtering supporting Inbound, Outbound scanning with AS, AV. SKUs are chargeable on a per mailbox annual basis with the SKU selected based on the relevant range.

Product	SKU	Description
FortiMail Cloud — Gateway	FC-10-0VM01-414-02-DD	FortiMail Cloud — Gateway (25 to 100 Mailboxes)
	FC-10-0VM02-414-02-DD	FortiMail Cloud — Gateway (101 to 1000 Mailboxes)
	FC-10-0VM04-414-02-DD	FortiMail Cloud — Gateway (1001 to 5000 Mailboxes)
	FC-10-0VM08-414-02-DD	FortiMail Cloud — Gateway (5001 to 10000 Mailboxes)
	FC-10-0VM16-414-02-DD	FortiMail Cloud — Gateway (10000+ Mailboxes)

FortiMail Cloud — Gateway Premium

Cloud Gateway Email Filtering supporting Inbound, Outbound scanning with AS, AV, DLP, IBE, CDR, Impersonation Analysis, URL Click Protection and Cloud Sandboxing. SKUs are chargeable on a per mailbox annual basis with the SKU selected based on the relevant range.

Product	SKU	Description
FortiMail Cloud — Gateway Premium	FC-10-0VM01-415-02-DD	FortiMail Cloud — Gateway Premium (25 to 100 Mailboxes)
	FC-10-0VM02-415-02-DD	FortiMail Cloud — Gateway Premium (101 to 1000 Mailboxes)
	FC-10-0VM04-415-02-DD	FortiMail Cloud — Gateway Premium (1001 to 5000 Mailboxes)
	FC-10-0VM08-415-02-DD	FortiMail Cloud — Gateway Premium (5001 to 10000 Mailboxes)
	FC-10-0VM16-415-02-DD	FortiMail Cloud — Gateway Premium (10000+ Mailboxes)

FortiMail Cloud — Gateway Premium with Microsoft 365 API Support

Cloud Gateway Email Filtering supporting all of the Premium features plus scanning and post-delivery clawback of threats for Microsoft 365 email deployments.

Product	SKU	Description
FortiMail Cloud — Gateway Premium with Microsoft 365 API Support	FC-10-0VM02-423-02-DD	FortiMail Cloud - Gateway Premium w. Microsoft365 API support (100 to 1000 Mailboxes)
	FC-10-0VM04-423-02-DD	FortiMail Cloud — Gateway Premium w. Microsoft365 API support (1001 to 5000 Mailboxes)
	FC-10-0VM08-423-02-DD	FortiMail Cloud — Gateway Premium w. Microsoft365 API support (5001 to 10000 Mailboxes)
	FC-10-0VM16-423-02-DD	FortiMail Cloud — Gateway Premium w. Microsoft365 API support (10000+ Mailboxes)

FortiMail Cloud — Gateway Premium for MSSPs

Cloud Gateway Email Filtering for MSSPs offering managed services to multiple customers from a shared instance. Supporting Inbound, Outbound scanning with AS, AV, DLP, IBE and Cloud Sandboxing. SKUs are chargeable on a per mailbox annual basis with the SKU selected based on the relevant range.

Product	SKU	Description
FortiMail Cloud — Gateway Premium for MSSPs	FC1-10-EVMSP-415-02-DD	FortiMail Cloud — Gateway Premium for MSSP (500 to 1000 Mailboxes)
	FC2-10-EVMSP-415-02-DD	FortiMail Cloud — Gateway Premium for MSSP (1001 to 10000 Mailboxes)
	FC3-10-EVMSP-415-02-DD	FortiMail Cloud — Gateway Premium for MSSP (10000+ Mailboxes)

FortiMail Cloud — Server & Server Premium

Hosted Email and Email Filtering service supporting Inbound, Outbound scanning with AS, AV. SKUs are chargeable on a per mailbox annual basis with the SKU selected based on the relevant range.

Product	SKU	Description
FortiMail Cloud — Server	FC-10-0VM01-416-02-DD	FortiMail Cloud — Server (25 to 100 Mailboxes)
FortiMail Cloud — Server Premium	FC-10-0VM01-417-02-DD	FortiMail Cloud — Server Premium (25 to 100 Mailboxes)

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