FORTINET

High Performance Network Security

# FortiMail™ Release Notes

VERSION 5.4.12 GA

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# Change Log

| Date | Change Description |
| --- | --- |
| **2020-09-24** | Initial release. |

# Introduction

This document provides a list of new and changed features, upgrade instructions and caveats, resolved issues, and known issues in FortiMail 5.4.12 release, build 0751.

## Supported Platforms

- FortiMail 60D
- FortiMail 200D
- FortiMail 200E
- FortiMail 400C
- FortiMail 400E
- FortiMail 1000D
- FortiMail 2000E
- FortiMail 3000C
- FortiMail 3000D
- FortiMail 3000E
- FortiMail 3200E
- FortiMail VM (VMware vSphere Hypervisor ESX/ESXi 5.0 and higher)
- FortiMail VM (Microsoft Hyper-V Server 2008 R2, 2012 and 2012 R2, 2016)
- FortiMail VM (KVM qemu 2.12.1 and higher)
- FortiMail VM (Citrix XenServer v5.6sp2, 6.0 and higher; Open source XenServer 7.4 and higher)
- FortiMail VM [AWS(BYOL)]
- FortiMail VM [Azure(BYOL)]

# What's New

There are no new features in this patch release.

# Special Notices

## TFTP firmware install

Using TFTP via the serial console to install firmware during system boot time will erase all current FortiMail configurations and replace them with factory default settings.

## Monitor settings for web UI

To view all objects in the web UI properly, Fortinet recommends setting your monitor to a screen resolution of at least 1280x1024.

## SSH connection

For security reasons, starting from 5.4.2 release, FortiMail stopped supporting SSH connections with plain-text password authentication. Instead, challenge/response should be used.

# Product Integration and Support

## FortiSandbox support

- FortiSandbox 2.3 and above

## AV Engine

- Version 5.00355

## Recommended browsers

### For desktop computers

- Microsoft Edge 44, 84
- Firefox 80
- Safari 13
- Chrome 85

### For mobile devices

- Official Safari browser for iOS 13
- Official Google Chrome browser for Android 9, 10

# Firmware Upgrade/Downgrade

## Before and after any firmware upgrade/downgrade

- Before any firmware upgrade/downgrade, save a copy of your FortiMail configuration (including replacement messages) by going to *System* > *Maintenance* > *Configuration*.
- After any firmware upgrade/downgrade:
  - If you are using the web UI, clear the browser cache prior to login on the FortiMail unit to ensure proper display of the web UI screens.
  - The antivirus signatures included with an image upgrade may be older than those currently available from the Fortinet FortiGuard Distribution Network (FDN). Fortinet recommends performing an immediate AV signature update as soon as possible.

## Upgrade path

Any 4.x release older than 4.3.6

↓

4.3.6 (Build 540)

↓

5.2.3 (Build 436)

↓

5.2.8 (Build 467)

↓

5.3.10 (Build 643)

↓

5.4.4 (Build 714) (Required for VMware install only)

↓

5.4.6 (Build 725)

↓

5.4.12 (Build 751)

After every upgrade, verify that the build number and branch point match the image that was loaded by going to *Dashboard* > *Status* on the Web UI.

# Firmware downgrade

## Downgrading from 5.4.12 to 5.x or 4.x releases

Downgrading from 5.4.12 release to any 5.x or 4.x release is not fully supported. If you have to downgrade, follow these steps:

1. Back up the 5.4.12 configuration.
2. Install the older image.
3. In the CLI, enter `execute factoryreset` to reset the FortiMail unit to factory defaults.
4. Configure the device IP address and other network settings.
5. Reload the backup configuration if needed.

# Resolved Issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquires about a particular bug, please contact Fortinet Customer Service & Support.

## Antispam

| Bug ID | Description |
|---|---|
| 607519 | Multiple URL links without characters in email body may cause mailfilterd to stop running. |
| 612696 | Attachment file filter execution order issue. |
| 602218 | Performance improvement when identifying DMARC policy record changes. . |
| 612683 | In some cases, when the content profile is configured to remove URLs in email HTML part, the email may be rejected. |

## Mail Delivery

| Bug ID | Description |
|---|---|
| 602236 | In transparent mode, DSNs are delivered to the clients instead of the server of the protected domain. |
| 658706 | Connections may drop when receiving mail with archive attachments from Microsoft Exchange servers. |

## System

| Bug ID | Description |
|---|---|
| 538398 | When a report is generated multiple times with same conditions, some values in the reports are not consistent. |
| 612052 | Memory leak in 32-bit releases. |

## Admin GUI/Webmail

| Bug ID | Description |
|---|---|
| 603056 | After the end of year 2019, the old email displays wrong dates in the webmail email list. |
| 609935 | After upgrading, webmail mail folders with Cyrillic characters cannot be opened or created any more. |

# Known Issues

The following table lists some minor known issues. .

| Bug ID | Description |
|---|---|
| 307919 | Webmail GUI for IBE users displays a paper clip for all email although the email has no attachments. |
| 381511 | IBE messages are not signed with DKIM although DKIM signing is enabled. |