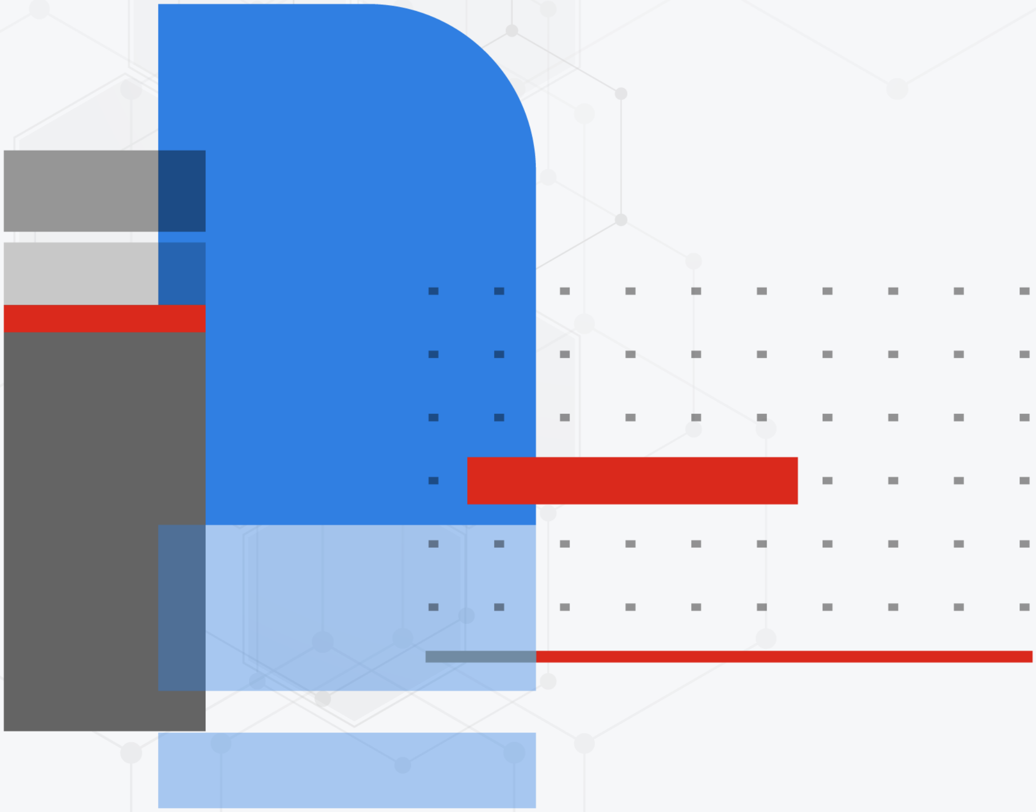
# Release Notes

## FortiMail 7.4.1



September 29, 2023
FortiMail 7.4.1 Release Notes
06-741-942561-20230929

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# Change Log

| Date | Change Description |
|---|---|
| 2023-09-29 | Initial release. |
| 2024-01-29 | Special notice regarding FortiGuard web filtering categories. |

# Introduction and Supported Models

This document provides a list of new and changed features, upgrade instructions and caveats, resolved issues, and known issues in FortiMail 7.4.1 release, build 565.

For FortiMail documentation, see the Fortinet Document Library.

## Supported models

| | |
|---|---|
| **FortiMail** | 200F, 2000E, 2000F, 3000E, 3000F, 3200E, 400F, 900F |
| **FortiMail VM** | • VMware vSphere Hypervisor ESX/ESXi 6.0, 6.7, 7.0 and higher<br>• Microsoft Hyper-V Server 2008 R2, 2012 and 2012 R2, 2016, 2019, 2022<br>• KVM qemu 2.12.1 and higher<br>• Citrix XenServer v5.6sp2, 6.0 and higher; Open Source XenServer 7.4 and higher<br>• Alibaba Cloud BYOL<br>• AWS BYOL and On-Demand<br>• Azure BYOL<br>• Google Cloud Platform BYOL<br>• Oracle Cloud Infrastructure BYOL |

# What's New

The following table summarizes the new features and enhancements in this release. For details, see the FortiMail Administration Guide.

## Antispam/Antivirus

| Feature | Description |
|---|---|
| **New Web Filter Categories** | Support two newly added FortiGuard web filter categories:<br>• Artificial Intelligence Technology - Sites that offer solutions, insights and resources related to artificial intelligence (AI)<br>• Cryptocurrency - Sites that specialize in digital or virtual currencies that are secured by cryptography and operate on decentralized networks |
| **Outlook Spam Submission Enhancement** | Support Outlook in macOS, OWA, and Microsoft 365. |
| **Archive File and QR Code URL in Image** | Scan archive files and QR code URLs embedded in image files. |

## System

| Feature | Description |
|---|---|
| **HA Log Search for Domain Admins** | Domain-level administrators can now search logs in the HA cluster, in addition to local search. |
| **CLI Command to Retrieve Default Values** | Added a new "get default-value" command to retrieve the default value of any command table and its objects, from anywhere in the CLI console. For details, see the FortiMail CLI Reference. |
| **Logging IP Pool Information** | If IP pools are used, the IP pool profile names and IP addresses will be logged. |
| **Read/Unread as Cloud-API Clawback Condition** | Added read/unread as the MS365 and Google Workspace email search and scan condition. |
| **Cloud-API Information on Dashboard** | Display MS365 and Google Workspace mode information on the dashboard if the feature is enabled. |

| Feature | Description |
|---|---|
| **Attachment Replacement Message Location** | Added option to insert the replacement message at the start or end of the mail body. |

# Special Notices

This section highlights the special notices that should be taken into consideration before upgrading your platform.

## Communication between HA secondary units

Due to the introduction of primary backup in active-active HA in FortiMail 7.4.0, communication between the secondary units is also required. In config-only HA before FortiMail 7.4.0, it was not required.

## 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 the web UI

To view all objects in the web UI properly, Fortinet recommends setting your monitor to a screen resolution of at least 1280 x 1024.

## 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.

## FortiGuard web filtering category v10 update

Fortinet has updated its web filtering categories to v10, which includes two new URL categories for AI chat and cryptocurrency web sites. In order to use the new categories, customers must upgrade their Fortinet products to one of the versions below.

- FortiMail - Fixed in 7.0.7, 7.2.5, 7.4.1.

# Product Integration and Support

## FortiNDR support

- Version 7.0.0

## FortiIsolator support

- FortiIsolator 2.3 and above

## FortiAnalyzer Cloud support

- Version 7.0.3

## AV Engine

- Version 6.00293

## Recommended browsers

For desktop computers:

- Google Chrome 117
- Firefox 117
- Microsoft Edge 117
- Safari 16

For mobile devices:

- Official Google Chrome browser for Android 12 and 13
- Official Safari browser for iOS 15 and 16

# Firmware Upgrade and Downgrade

Before any firmware upgrade or downgrade, save a copy of your FortiMail configuration by going to **Dashboard > Status** and click **Backup** in the **System Information** widget.

After any firmware upgrade or 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. Also go to verify that the build number and version number match the image loaded.

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.

⚠ Firmware downgrading is not recommended and not supported in general. Before downgrading, consult Fortinet Technical Support first.

## 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) > **6.0.5** (build 148) > **6.2.4** (build 272) > **6.4.5** (build 453) > **7.0.6** (build 216) > **7.2.2** (build 380) or later > **7.4.1** (build 565)

## Firmware downgrade

Downgrading to previous firmware versions results in configuration loss on all models. Only the following settings are retained:

- operation mode
- interface IP/management IP
- static route table
- DNS settings
- admin user accounts
- admin access profiles

# 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/Antivirus

| Bug ID | Description |
|---|---|
| 949410 | DKIM keys cannot be retrieved when email is sent from Gmail. |
| 953639 | In some cases, disclaimer insertion in the antispam profile used by an IP-based policy does not work. |
| 949892 | Quarantined email cannot be released when the subject of manual email for release contains a newline. |
| 950205 | Fail to detect password protected malware URLs. |
| 943096 | Fail to decrypt password protected .xls files. |
| 929085 | Recipient verification with discard action doesn't work properly. |
| 930633 | May fail to detect QR codes in forwarded email. |
| 929437 | In some cases, PDF file content is changed after CDR. |
| 954509 | In some cases, IP reputation does not work properly. |
| 594548 | Attachment scan rules fail to detect specific files starting with numbers. |
| 956427 | In some cases, QR code scan may add an ATT000x.txt attachment. |

## Mail Delivery

| Bug ID | Description |
|---|---|
| 938501 | Mail delivery may be delayed when BCC is enabled in the applied action profile. |
| 931183 | FortiMail does not send mail delivery status to email clients for email quarantine releases. |

# System

| Bug ID | Description |
|---|---|
| 948641 | After adding IPv6 prefixes to a IP address group profile, the device started to flood the network with "icmp6: neighbor adv" messages. |
| 939484 | After upgrade from v7.2.2 to v7.4.0, disclaimers fail to be added to incoming email. |
| 938976 | Fail to edit calendar events in the shared calendar. |
| 937898 | In some cases, the IBE login page redirect may not use the configured base URL. |
| 942581 | Partial match search does not work properly on archived email search when the archive account's index type is Header or Full. |
| 929893 | IBE expiry notification is sent from all members in the active-active HA cluster. |
| 933542 | When the quarantined email on the HA secondary unit is pushed back to the primary unit, the email counter fails to increase. |
| 870416 | Mailfilterd errors on FortiMail Cloud instance. |
| 936502 | When training the bayesian database, if clean email is selected before spam email in the same upload, only the spam counter increases. |
| 932526 | IP pools may not be working properly. |
| 928953 | In some cases, domain quarantine email cannot be released. |
| 941644 | Concurrent webmail session issue. |
| 957844 | RADIUS authentication does not work properly with remote_wildcard users. |

# Log and Report

| Bug ID | Description |
|---|---|
| 932040 | False event logs regarding power supply. |
| 929771 | Antispam log still shows a spam IP score of 2 when IP reputation level 2 is disabled. |
| 945330 | The attachment filter is not logged as the classifier for the final action if SPF takes no action. |
| 929810 | No logs are generated for delete action on email from IMAP/POP3 mail clients. |

# Admin GUI/Webmail

| Bug ID | Description |
|---|---|
| 949550 | Encrypted email URL doesn't work. |
| 928153 | Webmail user can still change the theme when the option is disabled under *System* > *Customization* > *Appearance* > *Webmail Portal* > *Allow user to change theme*. |

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