

# Release Notes

**Fortisolator 2.4.1**



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Fortisolator 2.4.1 Release Notes

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# Change log

Date	Change Description
2022-07-27	Fortisolator version 2.4.1 document release.
2022-09-16	Added the <i>Built-in support for viewing PNG and text files</i> section in <a href="#">What's new on page 6</a> .
2022-10-05	Updated the <a href="#">Upgrade information on page 9</a> topic.
2022-10-12	Updated the table of contents.
2022-10-25	Deleted the <i>Install information</i> chapter which has been included in the <a href="#">Fortisolator Installation Guide</a> .
2022-10-27	Updated the supported virtualization environments list in the <a href="#">Product integration and support on page 8</a> topic.
2022-11-09	Consolidated existing integration and support information and added Fortinet products in the <a href="#">Product integration and support on page 8</a> topic.

# Introduction

This document provides release information for Fortisolator version 2.4.1 build 0510:

- [Product integration and support on page 8](#)
- [Upgrade information](#)
- [Resolved issues](#)
- [Known issues](#)

For more information about using Fortisolator in general, see the [Fortisolator Administration Guide](#).

## What's new

Fortisolator version 2.4.1 includes the following new features:

### Default password change

Since 2.4.1, the default login username and password are `admin/fortinet`. If you upgrade from an earlier version to 2.4.1, the old password carries over. You can change the password by clicking *admin* > *Change Password* on the top right corner of the GUI.

### Support for remote database server in HA mode

In [High Availability](#) (HA) mode, you can set up a dedicated database server for the whole system to avoid the performance overhead of multiple databases running concurrently.

#### To set up a dedicated database server:

1. Configure a node to be the dedicated database server by running the `set remote-database-enabled 1` command.
2. Connect to the dedicated database server by running the `set database-server <server IP> 6397 <server name> <server password>` command on each node that you want to connect to the database. You can verify the server connection by running the `show database-server` command.

### Support for entering domain name for FortiSandbox IP

In the *File Download Security* section of the [Profile](#) tab under Policies and Profiles, the *FortiSandbox IP* field now accepts domain names, in addition to IP addresses, in case you know the domain name but not the IP address.

### Integration with Votiro Cloud for Web Browser API

In the *File Download Security* section of the [Profile](#) tab under [Policies and Profiles](#), you can configure Fortisolator to integrate with third-party vendor [Votiro](#).

## Support for batch upgrading in HA mode

In [High Availability](#) (HA) mode, upgrading one Fortisolator appliance or VM automatically batch upgrades all Fortisolator appliances or VMs, which avoids the need to perform the upgrade procedure on each appliance or VM. Each appliance or VM automatically reboots after it gets upgraded. The appliance or VM that triggers the batch upgrade is upgraded last. The reboot might take a few minutes.

## Built-in support for viewing PNG and text files

You no longer need to install an additional package in order to view PNG (.png) and text (.txt) files without downloading the actual file.

## Performance improvements in opening and viewing Microsoft Office files

The following Microsoft Office files open faster in your browser:

- Word (.doc, .docx)
- Excel (.xls, .xlsx)
- PowerPoint (.ppt)



You must manually install the `office-1.5.zip` firmware file to see the improvements. For more information about installing this file, see [Install package](#).


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You can configure an appliance or VM to be the dedicated file server for opening Microsoft Office files by running the `set office-server-ip <internal IP>` command. A dedicated file server provides the following benefits:

- Reduced overall resource consumption and improved performance of the whole system, especially in HA mode.
- You need to install the `office-1.5.zip` firmware file on only one node in HA mode.

## Product integration and support

The following table lists Fortisolator version 2.4.1 product integration and support information:

Type	Product and version
<b>Fortisolator appliance</b>	<a href="#">Fortisolator 1000F</a>
<b>Fortinet products</b>	<ul style="list-style-type: none"><li>• FortiProxy 2.0</li><li>• FortiSandbox 3.1.2 or later</li><li>• FortiAuthenticator 6.1</li><li>• FSSO 5.0</li></ul>
<b>Web browsers</b>	<ul style="list-style-type: none"><li>• Microsoft Edge version 42 or higher</li><li>• Microsoft Internet Explorer version 11 (OS build 19041.867, 19042.906, 19042.928, and the most recent version)</li><li>• Mozilla Firefox version 65 or higher</li><li>• Google Chrome version 72 or higher</li><li>• Apple Safari version 12 or higher for macOS</li></ul> <hr/> <div> Other web browsers may work correctly, but Fortinet does not support them.</div> <hr/>
<b>Virtualization environments</b>	<ul style="list-style-type: none"><li>• VMware vSphere 6.5 or higher</li><li>• VMware ESX/ESXi 6.5 or higher</li><li>• KVM QEMU 0.12.1 or higher</li><li>• Hyper-V Manager 10.0.18362.1 or higher</li><li>• Amazon Web Service (AWS)</li></ul>

For installation information of different VM or hardware types, see the [Fortisolator Installation Guide](#).

For deployment information on AWS public cloud, see the [Fortisolator AWS Deployment Guide](#).



# Upgrade information

Fortisolator 2.4.1 build 0510 supports upgrade from Fortisolator 2.4.0 build 0464 only. If you are running an older version than 2.4.0, upgrade to 2.4.0 first before attempting to upgrade to 2.4.1.

## To upgrade from Fortisolator 2.4.0 to 2.4.1:

1. Download the upgrade firmware files:
  - a. Go to <https://support.fortinet.com>.
  - b. Click *Login* and log in to the Fortinet Support website.
  - c. From the *Support > Downloads* menu, select *Firmware Download*.
  - d. In the *Select Product* dropdown menu, select *Fortisolator*.
  - e. On the *Download* tab, navigate to the Fortisolator firmware upgrade file for your Fortisolator model in the *Image Folders/Files* section.

Fortisolator 1000F	FIS_1000F-v2-build0510.out
Fortisolator VM for Linux KVM	FIS_VM_KVM-v2-build0510.kvm.zip
Fortisolator VM for VMware vSphere	FIS_VM_VmWare-v2-build0510.vmware.zip
Fortisolator VM for VMware ESXi	FIS_VM_ESXi-v2-build0510.ovf.zip
Fortisolator VM for Hyper-V	FIS_VM_HYPERV-v2-build0510.zip
Fortisolator package for speeding up the loading of Microsoft Office files: <ul style="list-style-type: none"><li>• Word (.doc, .docx)</li><li>• Excel (.xls, .xlsx)</li><li>• PowerPoint (.ppt)</li></ul>	office-1.5.zip

- f. Click *HTTPS* to download the firmware.
2. Install the firmware upgrade file(s) by following the steps in [Upgrade](#).
3. (Optional) To speed up the loading of Microsoft Office files, install the `office-1.5.zip` package by following the steps in [Install package](#).
4. Clear your browser cache before logging in to the Fortisolator GUI to make sure that the Fortisolator GUI displays correctly.

# Resolved issues

The following issues have been fixed in Fortisolator version 2.4.1. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
821765	AWS upgrade fails
786151	500 Error for access Default Policy on Admin portal when multiple concurrent sessions open
791161	Extra dot displays on the error message from Log settings
800777	Some popup websites show "file not found"
802813	Webpage displayed differently when being isolated (Remote rendering disabled)
803729	CLI set ha-group-ip does not take extra space
807964	FIS should support Microsoft Teams
811860	Modify HA cluster information section
817978	Cannot exit Edit window without changing password even if no change has been made
824338	Need a section and rewording for File download security
819992	Isolator Profile GUI design
824951	Profile does not take effect under HA - IP Forwarding
824768	AWS needs to enable Admin GUI access over internal IP by default
815078	Too many FIS processes running which consumes 100% of CPU usage
821028	Change libreoffice name to office and update office package to 1.3
821621	Support dedicated and remote database server
822544	Dedicated database server does not work
753284	Fortisolator detected vulnerability on its database
805043	HA cluster information should be consistent among all nodes
811860	
822093	Need to change warning message for license expire in 0 days
822857	Schedule backup log files does not backing log files
821712	Log Settings needs to provide better wording
823000	VM license indicates incorrect expiration days in GUI

# Known issues

The following issues have been identified in Fortisolator version 2.4.1. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
827101	1000F view Office file no download link
820532	After upgrade to 2.4, each URL requires reload before showing up
811804	Can't download and view a file from google drive with filename that includes Chinese character
801603	Cannot download the original file in the first page of the downloaded file with CDR enabled
794271	Web Filter treats WWW URL in different actions
801093	CLI fnsysctl disp/tail log does not return log messages
811494	Could not open new blank document in Office website
818354	Profile texts need some adjustments
822137	Clear cookies from FIS is not behaving the same as native mode
826306	VM license expiration days in GUI and CLI are not synchronized
789431	FIS is not able to print from navigating page
789506	Need to support FAT32 format for USB upgrade
750223	Cannot edit a file in Microsoft Office 365
733246	Nodes can join HA cluster while password does not match
789504	Cannot view and download some PDF files
786418	URL is handled improperly when navigating certain sites
766689	FIS is unable to get current location from the browser
754167	User is signed out automatically when navigating to Outlook
771747	Insufficient information when HA nodes encounter conflicts
791597	Allow List/Block List do not show in GUI
828415	Help menu provides insufficient information for remote database related CLI
828584	System time change rolls back to previous time after the system reboots



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