



Fortisolator - Release Notes

Version 1.2.1

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Fortisolator 1.2.1 Release Notes

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Change log

Date	Change description
2019-08-07	Fortisolator version 1.2.1 document release.

Introduction

This document provides the following information for Fortisolator version 1.2.1 build 0084:

- [Supported models](#)
- [What's new in Fortisolator version 1.2.1](#)
- [Upgrade information](#)
- [Product integration and support](#)
- [Resolved issues](#)
- [Known issues](#)

Supported models

Fortisolator version 1.2.1 build 0084 supports the following models:

Product	Models
Fortisolator appliance	<ul style="list-style-type: none">• Fortisolator 1000F
Fortisolator VM	<ul style="list-style-type: none">• VMware vSphere Hypervisor ESX/ESXi versions 6.0 and 6.5• KVM QEMU version 0.12.1 and higher includes a hypervisor

What's new in Fortisolator version 1.2.1

Fortisolator version 1.2.1 includes the following new features:

- USB flash drive option for Fortisolator firmware upgrades
- Fortisolator CLI commands for high availability configuration
- Fortisolator access through port forwarding
- Virtual serial console connection support on Fortisolator VM for Linux KVM
- Copy and paste options in browsers that run through Fortisolator
- Web and URL right-click options
- Disable keyboard interaction options

For more information about new features, see the [Fortisolator Administration Guide](#).

Upgrade information

After you upgrade or downgrade

After you perform a firmware upgrade or downgrade, complete the following steps:

1. Save a copy of your Fortisolator configuration:
 - a. In the Fortisolator GUI, navigate to the **System Information** widget on the **Dashboard**.
 - b. In the **System Configuration** field, click **Backup/Restore**.
 - c. In the **Backup** section, select **Click here** to download and save the isolator.conf file.
2. To make sure that the Fortisolator GUI displays correctly, clear your browser cache before you log in to the Fortisolator GUI.

Supported upgrade paths

Fortisolator version 1.2.1 supports the following upgrade path:

- Version 1.2.0 build 0074 → Version 1.2.1 build 0084

Before you upgrade or downgrade

Before you perform a firmware upgrade or downgrade, save a copy of your Fortisolator configuration by completing the following steps:

1. In the Fortisolator GUI, navigate to the **System Information** widget on the **Dashboard**.
2. In the **System Configuration** field, click **Backup/Restore**.
3. In the **Backup** section, select **Click here** to download and save the isolator.conf file.

Downloading Fortisolator firmware

Download the Fortisolator firmware for your Fortisolator model by completing the following steps:

1. Go to <https://support.fortinet.com>.
2. Click **Login** and log in to the Fortinet Support website.
3. From the **Download** menu, select **Firmware Images**.
4. In the **Select Product** drop-down menu, select **Fortisolator**.
5. Select the **Download** tab.

6. In the **Image Folders/Files** section, navigate to the Fortisolator firmware file for your Fortisolator model.

Fortisolator model	Firmware file
Fortisolator 1000F	FIS_1000F-v1-build0084.out
Fortisolator VM for Linux KVM	FIS_VM_KVM-v1-build0084.kvm.zip
Fortisolator VM for VMware vSphere	FIS_VM_VmWare-v1-build0084.vmware.zip Unzip the file to get the Fortisolator.vmx and fis.vmdk files.
Fortisolator VM for VMware ESXi	FIS_VM_ESXi-v1-build0084.ovf.zip Unzip the file to get the Fortisolator.ovf and fis.vmdk files.

7. To download the firmware, click **HTTPS**.
8. Unzip the firmware file.

After you upgrade or downgrade

After you perform a firmware upgrade or downgrade, complete the following steps:

1. Save a copy of your Fortisolator configuration:
 - a. In the Fortisolator GUI, navigate to the **System Information** widget on the **Dashboard**.
 - b. In the **System Configuration** field, click **Backup/Restore**.
 - c. In the **Backup** section, select **Click here** to download and save the isolator.conf file.
2. To make sure that the Fortisolator GUI displays correctly, clear your browser cache before you log in to the Fortisolator GUI.

Product integration and support

Fortisolator version 1.2.1 support

The following table lists Fortisolator version 1.2.1 product integration and support information:

Item	Supported versions
Web browsers	<ul style="list-style-type: none">• Microsoft Edge version 42• Microsoft Internet Explorer version 11• Mozilla Firefox version 65• Google Chrome version 72• Apple Safari version 12 for Mac OS X <p>Other web browsers may work correctly, but Fortinet does not support them.</p>

Resolved issues

The following issues have been fixed in Fortisolator version 1.2.1. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
539091	When you clicked the Online Help option in the Fortisolator UI, a Not Found error message was displayed.
486387	When you tried to visit some webpages, they may not have loaded or you may not have been able to access some content (for example, PDF files) on the webpage.
552172, 556690	Upgrading the firmware from a USB drive caused the upgrade to fail.
571301	When you visited webpages blocked by the Web Filter, a black page would be displayed.
571594	Websites added by IP address to the Web Filter would not be blocked.

Known issues

The following issues have been identified in Fortisolator version 1.2.1. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
570924	<p>In the Fortisolator CLI, the <code>fnsysctl disp</code> and <code>fnsysctl tail</code> commands require improved descriptions in the CLI Help.</p> <p>Workaround:</p> <ul style="list-style-type: none">• <code>fnsysctl disp conf</code>: Display configuration content• <code>fnsysctl disp category</code>: Display category content• <code>fnsysctl disp log</code>: Display log content• <code>fnsysctl tail conf</code>: Display the last part of the configuration• <code>fnsysctl tail category</code>: Display the last part of the category• <code>fnsysctl tail log</code>: Display the last part of the log
570276	<p>When you change the administrator password in the Fortisolator UI, a message is not displayed to confirm that the password was changed successfully.</p> <p>If you try to change the administrator password to an empty password, a message is not displayed to state that an empty password is not allowed.</p>
554751	<p>If you do not allocate enough resources to Fortisolator VM during installation, when you try to log in to Fortisolator, an "isolator.conf not found" error message may display and you cannot log in.</p> <p>Workaround: Allocate more resources to Fortisolator VM during installation.</p>
552416	<p>In the Fortisolator CLI, when you try to upgrade Fortisolator using a USB drive that contains more than one Fortisolator firmware version, a "cannot find image file" error message appears and you cannot perform the upgrade.</p>
547285	<p>When you try to browse to a webpage on iOS devices in Fortisolator proxy mode, the webpage may not load, and a blank page is displayed instead.</p>
526326	<p>In the Fortisolator CLI, when you exit maintainer user mode, the CLI prompts you to enter a password instead of a username and you cannot log in.</p>
515558	<p>In the Fortisolator UI, after you upload a license using the Upload License option in the System Information widget on the Dashboard, information about the license, such as the VM serial number, may not be displayed.</p> <p>Workaround: View the license information in the Fortisolator CLI.</p>
510103	<p>When you try to sign in to Skype in a browser, authentication may not work and you cannot log in.</p>
508924	<p>When the browser redirects to a FortiGate login page that is using the default built-in certificate, Fortisolator cannot verify the server domain name, and a blank screen is displayed instead of the login page.</p>

Bug ID	Description
498958	When a webpage requires LDAP authentication (single sign-on) that involves multiple browser windows, authentication may not work and the browser freezes.
497139	When you try to use the scroll wheel on a mouse to zoom in and out on webpages (for example, on a map), the zooming may not work.
486407	When Fortisolator is installed, video chat websites may not work properly.



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