FortiIsolator - Release Notes

Version 1.2.1

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Change log

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

Introduction

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

- Supported models
- What's new in FortiIsolator version 1.2.1
- Upgrade information
- Product integration and support
- Resolved issues
- Known issues

Supported models

FortiIsolator version 1.2.1 build 0084 supports the following models:

Product	Models
FortiIsolator appliance	• FortiIsolator 1000F
FortiIsolator VM	• 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 FortiIsolator version 1.2.1

FortiIsolator version 1.2.1 includes the following new features:

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

For more information about new features, see the FortiIsolator 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 FortiIsolator configuration:
   a. In the FortiIsolator 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 FortiIsolator GUI displays correctly, clear your browser cache before you log in to the FortiIsolator GUI.

Supported upgrade paths

FortiIsolator 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 FortiIsolator configuration by completing the following steps:

1. In the FortiIsolator 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 FortiIsolator firmware

Download the FortiIsolator firmware for your FortiIsolator 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 **FortiIsolator**.
5. Select the **Download** tab.

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

FortiIsolator model	Firmware file
FortiIsolator 1000F	FIS_1000F-v1-build0084.out
FortiIsolator VM for Linux KVM	FIS_VM_KVM-v1-build0084.kvm.zip
FortiIsolator VM for VMware vSphere	FIS_VM_VmWare-v1-build0084.vmware.zip Unzip the file to get the FortiIsolator.vmx and fis.vmdk files.
FortiIsolator VM for VMware ESXi	FIS_VM_ESXi-v1-build0084.ovf.zip Unzip the file to get the FortiIsolator.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 FortiIsolator configuration:
   a. In the FortiIsolator 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 FortiIsolator GUI displays correctly, clear your browser cache before you log in to the FortiIsolator GUI.

Product integration and support

FortiIsolator version 1.2.1 support

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

Item	Supported versions
Web browsers	• 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 Other web browsers may work correctly, but Fortinet does not support them.

Resolved issues

The following issues have been fixed in FortiIsolator 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 FortiIsolator 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 FortiIsolator version 1.2.1. For inquiries about a particular bug or to report a bug, visit the Fortinet Support website.

Bug ID	Description
570924	In the FortiIsolator CLI, the `fnsysctl disp` and `fnsysctl tail` commands require improved descriptions in the CLI Help. **Workaround**: • `fnsysctl disp conf`: Display configuration content • `fnsysctl disp category`: Display category content • `fnsysctl disp log`: Display log content • `fnsysctl tail conf`: Display the last part of the configuration • `fnsysctl tail category`: Display the last part of the category • `fnsysctl tail log`: Display the last part of the log
570276	When you change the administrator password in the FortiIsolator UI, a message is not displayed to confirm that the password was changed successfully. 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.
554751	If you do not allocate enough resources to FortiIsolator VM during installation, when you try to log in to FortiIsolator, an "isolator.conf not found" error message may display and you cannot log in. **Workaround:** Allocate more resources to FortiIsolator VM during installation.
552416	In the FortiIsolator CLI, when you try to upgrade FortiIsolator using a USB drive that contains more than one FortiIsolator firmware version, a "cannot find image file" error message appears and you cannot perform the upgrade.
547285	When you try to browse to a webpage on iOS devices in FortiIsolator proxy mode, the webpage may not load, and a blank page is displayed instead.
526326	In the FortiIsolator CLI, when you exit maintainer user mode, the CLI prompts you to enter a password instead of a username and you cannot log in.
515558	In the FortiIsolator 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. **Workaround**: View the license information in the FortiIsolator CLI.
510103	When you try to sign in to Skype in a browser, authentication may not work and you cannot log in.
508924	When the browser redirects to a FortiGate login page that is using the default built-in certificate, FortiIsolator cannot verify the server domain name, and a blank screen is displayed instead of the login page.

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 FortiIsolator is installed, video chat websites may not work properly.