



# Fortisolator - Release Notes

Version 1.2.0

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Fortisolator 1.2.0 Release Notes

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# Change Log

Date	Change Description
2019-05-29	Fortisolator version 1.2.0 document release.

# Introduction

This document provides the following information for Fortisolator version 1.2.0 build 0074:

- [Supported models](#)
- [What's new in Fortisolator version 1.2.0](#)
- [Upgrade information](#)
- [Product integration and support](#)
- [Resolved issues](#)
- [Known issues](#)

## Supported models

Fortisolator version 1.2.0 build 0074 supports the following models:

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

## What's new in Fortisolator version 1.2.0

The following table lists the new features and enhancements in Fortisolator version 1.2.0:

- Web filtering support
- Full mobile browsing
- Support for system upgrades using a web browser
- Adobe PDF support

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

# Upgrade Information

## Supported upgrade paths

Fortisolator version 1.2.0 supports the following upgrade path:

- Version 1.1.0 build 0053 → Version 1.2.0 build 0074

## 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-build0074.out
Fortisolator VM for Linux KVM	FIS_VM_KVM-v1-build0074.kvm.zip
Fortisolator VM for VMware vSphere	image.out.ovf.zip Unzip the file to get the Fortisolator.ovf file.
Fortisolator VM for VMware ESXi	FIS_VM_ESXi-v1-build0074.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 1.2.0 support

The following table lists Fortisolator version 1.2.0 product integration and support information:

Item	Supported Versions
<b>Web browsers</b>	<ul style="list-style-type: none"><li>• Microsoft Edge version 42</li><li>• Microsoft Internet Explorer version 11</li><li>• Mozilla Firefox version 65</li><li>• Google Chrome version 72</li><li>• Apple Safari version 12 for Mac OS X</li></ul> <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 1.2.0. For inquiries about a particular bug, visit the [Fortinet Support](#) website.

Bug ID	Description
539482	In the Fortisolator CLI, the "invalid value of internal gateway ip" error message that appeared when you did not use the <code>set mgmt-gw</code> command correctly, needed to be updated.
537736	When you tried to access the Fortisolator GUI in Internet Explorer, a JavaScript error message may have appeared and the page would not open.
536768	When you installed Fortisolator VM for KVM, and selected VirtIO disk as the second hard disk, the VirtIO disk may not have mounted and the installation failed.
530412	After the license for Fortisolator VM for KVM expired, you may still have been able to access sites, up to the maximum number of supported sessions.
528463	If your browser did not have the Fortisolator certificate installed, when you browsed to a webpage in IP forwarding mode, you were prompted to install the certificate. If the certificate was installed in the <b>Server</b> tab in the <b>Certificate Manager</b> , when you tried to browse to a webpage, a blank page may have been displayed instead.
526060	When you browsed to secure websites (HTTPS), an icon indicating that the connection or website was not secure may have been displayed.
521408	For upstream proxy traffic from a FortiGate to Fortisolator, when you browsed to a webpage, the Fortisolator certificate may not have worked properly and an error message appeared stating that parts of the page, such as images, were not secure.
518319	When a FortiGate was in transparent proxy mode, it sent connection requests with the IP address of the destination website. Fortisolator was using this IP address to sign the HTTPS interception certificate, which was not recognized by web browsers. Fortisolator should have extracted the domain name from the SSL server name indication extension instead.
518192	When you scrolled quickly up and down webpages, high quality images may not have displayed correctly (partial images or rendering delays).
518188	In IP forwarding mode, when you browsed to some webpages, a Webpage Load Error message may have appeared and the webpage would not open.
516860	Fortisolator may not have worked correctly on iOS devices.
516731	Fortisolator traffic should have been forced to go to the internet through the external interface, but it may have used the internal interface instead.

Bug ID	Description
516694	When you tried to change the IP addresses of interfaces in the Fortisolator GUI, an "Error happened. Please check your interface settings" error message may have appeared.
515516	Fortisolator did not support hard disk file types for Oracle VM VirtualBox OVF (VDI, VHD, VMDK, HDD, QCOW, and QED). When you tried to configure these virtual hard disk types, the hard disk would not mount and the new configuration was lost after Fortisolator restarted.
508672	When you browsed to webpages that contained JPEG files, the images may have appeared broken as you scrolled up and down the webpage.
506858	In some browsers, when you browsed to webpages that contained JPEG files, the images may not have displayed and white space was displayed instead.
505602	When you browsed to some webpages, the browser scrollbar may not have worked.
504781	If the date and time of the Fortisolator certificate generation was later than the current date and time, it may have caused certificate errors and you were not able to browse to webpages.
504515	In the Fortisolator CLI, after you configured some TFTP parameters, such as local IP address, subnet mask, and gateway, the parameters may still have displayed as "not configured (N/A)".
490166	After you set up a proxy server and imported the Fortisolator certificate into a browser, a "SECURITY_ERR, Cross zone connection not allowed" error may have displayed.
486373	Fortisolator may not have worked correctly in the Safari web browser on iOS devices.
486371	Fortisolator may not have worked on Android devices.
484804	When you browsed to a webpage, there may have been a slight delay before the webpage loaded in some browsers.
472800	Fortisolator may not have worked correctly on iOS devices.
452340	On iOS devices, when you touched the input areas on webpages, the keyboard may not have appeared.

# Known Issues

The following issues have been identified in Fortisolator version 1.2.0. For inquiries about a particular bug or to report a bug, visit the [Fortinet Support](#) website.

Bug ID	Description
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><b>Workaround:</b> 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>
539091	<p>When you click the <b>Online Help</b> option in the Fortisolator GUI, a Not Found error message is displayed.</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 GUI, after you upload a license using the <b>Upload License</b> option in the <b>System Information</b> widget on the <b>Dashboard</b>, information about the license, such as the VM serial number, may not be displayed.</p> <p><b>Workaround:</b> 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>
498958	<p>When a webpage requires LDAP authentication (single sign-on) that involves multiple browser windows, authentication may not work and the browser freezes.</p>
497139	<p>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.</p>
486407	<p>When Fortisolator is installed, video chat websites may not work properly.</p>
486387	<p>When you try to visit some webpages, they may not load or you may not be able to access some content (for example, PDF files) on the webpage.</p>



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