

FortiPortal Release Notes

Version 3.2.2

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FEEDBACK

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FortiPortal Release Notes Version 3.2.2

Change Log

Date	Change Description
2017-03-10	Initial release of v3.2.2

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Introduction

This document provides information about FortiPortal Version 3.2.2 and includes the following sections:

- [Special Notices](#)
- [Project Integration and Support](#)
- [Upgrade Information](#)

What's New in FortiPortal v3.2.2

This release contains no new features.

Supported models

The FortiPortal product is delivered as virtual machine OVF files for the VMware hypervisor.

You can download the OVF files from the Fortinet customer support site:

1. Navigate to the Fortinet customer support site (<https://support.fortinet.com>)
2. Select **Download > Firmware Images**
3. In the Firmware Images page, select **FortiPortal**
4. For easy MySQL deployment, download the latest OVF file for MySQL :
 - `mysql.ovf.zip`
5. To use OpenStack KVM, download the latest QCOW2 files (one portal file, one collector file):
 - `fpcvm64image-kvm-portal.qcow2.zip`
 - `fpcvm64image-kvm-collector.qcow2.zip`
6. To use VMWare, download the latest OVF files (one portal file, one collector file):
 - `fpcvm64imagePortal.out.ovf.zip`
 - `fpcvm64imageCollector.out.ovf.zip`

If you are using VMWare, you can download one virtual application (vApp) file (instead of the above OVF files) that contains the Portal and Collector VM information. When you install this OVF file, vSphere will create the Portal and Collector VMs as a single cluster.

The vApp file name is as follows:

- `fpcvm64imagevApp.out.ovf.zip`

An alternative option is to download the vApp file that will create portal, collector and MySQL database VMs:

- `fpcvm64imagevApp-mysql.out.ovf.zip`

Installation instructions are included in the [FortiPortal Admin Guide](#).

Special Notices

Special Characters

In earlier releases, you could include some special characters (quote and backslash) in controller names. For example, the following name would be valid:

```
Name '1/3
```

However, In release 2.4.0 and later, you must not use these characters. Prior to upgrading to release 2.4.0, you must remove these special characters from existing names.

In release 2.4.0 or later, if an entry has a name containing a special character, you will not be able to edit the entry (but you can delete it).

Collector High-Availability

When using collectors in HA configuration, note the following points:

- You must reboot the slave collector and collector database before adding either of them to the FortiPortal.

Reconfiguring MySQL Password on FortiPortal

If you change the password for the FortiPortal user in the MySQL portal database, you need to update the configuration in the FortiPortal portal and collector:

```
config system sql
  set status remote
  set database-type mysql
  set password <fpc portal db mySQL password>
end
```

Initial Log-Aggregation Delay

After FortiPortal starts to receive the logs, there may be a delay of up to 15 minutes before the aggregated data appears on the dashboard.

SSID Naming

SSID name and interface name (which is configured on the FortiGate or FortiWireless Controller) needs to be the same for the FortiPortal to receive the data for this controller.

Known and Resolved Issues

Known

The FortiPortal Version 3.2.2 release includes the following known issues.

Known issues

Defect ID	Description
0398475	Following options are available when analytics is disabled wherein they should be disallowed: Report scheduling, Wireless network tab, Rouge AP tab, and Enabling sandbox Logs options.
0408255	With SSO is enabled, after upgrading from version 3.2.0 to 3.2.1, the default login page loads rather than the SSO login page. Workaround: Switch to local, change back to SSO, and reboot the system.

Resolved

The FortiPortal Version 3.2.2 release includes the following resolved issues:

Resolved Issues

Defect ID	Description
0407961	After upgrading FortiPortal from version 3.2.0 to 3.2.1, you cannot select Customer -> Edit for a previously created Customer.
0407966	FortiGuard Categories action values in a Web Filter Profile (Policy & Objects > Objects > Web Filter Profile) are incorrectly pushed to FortiManager.
410757	You cannot login when the 'uid' on an SSO server is missing domain information.
	Enriched the election of actions available when using the Create New Web Filter Profile. From that screen, if you right click on any FortiGuard category, you observe the options: Allow, Block, Warning, Disable, and Monitor:

Project Integration and Support

FortiPortal 3.2.2 supports the following versions of Fortinet products:

- FortiManager, Versions 5.0.8 to 5.2.9, 5.4.0 and 5.4.1
- FortiOS Versions 5.0, 5.2.1, 5.2.3, 5.2.4, 5.2.7, 5.2.8, 5.2.9, 5.4.0 and 5.4.1
- FortiAnalyzer 5.0 or later

Notes

1. Refer to FortiOS and FortiManager release notes for detailed compatibility information.
2. Use Fortigate 5.2.3 or later to get support for local AP's.
3. FortiManager 5.4.0 does not support the policy move capability.

Additional Compatibility Resources

Refer to the following document for FortiAnalyzer and FortiManager compatibility with each FortiOS release:

[FortiManager Compatibility Chart](#)

The respective release notes provide detailed compatibility information, including the hardware models supported, and any product limitations.

NOTE: If you are using FortiManager version 5.2.3 or later, you must ensure that the FortiManager user account (that you created for FPC) has Remote Procedure Call (RPC) set to **read-write**.

In previous FortiManager releases, RPC was enabled by default. FortiManager version 5.2.3 introduced a new setting that you may need to configure as follows:

```
config system admin user
  get - lists all of the users (along with userids)
      - note the userid for the FPC user.
  edit <FPC userid>
    set rpc-permit read-write
```

Hypervisor Support

The following Hypervisors are supported: VMware ESX Server version 5.5 or later and KVM Version 2.6.x

Web Browser Support

The following browser versions are supported (others may function correctly, but are unsupported): Microsoft Internet Explorer version 11, Mozilla Firefox: up to version 49, and Google Chrome version 52.

Upgrade Information

FortiPortal Version 3.2.2 supports software upgrades from releases 3.1.2, 3.2.0, and 3.2.1.

To upgrade from an earlier release, perform a sequential set of upgrades to release 3.2.1, starting with your current release:

- a. 2.1.1 → 2.2.0
- b. 2.2.0 → 2.2.1
- c. 2.2.1 → 2.2.2
- d. 2.2.2 → 2.3.0
- e. 2.3.0 → 2.4.0
- f. 2.4.0 → 2.5.1
- g. 2.5.1 → 3.1.0
- h. 3.1.0 → 3.1.1
- i. 3.1.1 → 3.1.2
- j. 3.1.2 → 3.2.0
- k. 3.2.0 → 3.2.1
- l. 3.2.1 → 3.2.2

For example, to upgrade from Version 2.1.1, start at step a. To upgrade from version 2.2.2, start at step d.

Upgrade Procedure

Perform the following actions prior to the upgrade:

- Perform a backup of the MySQL database VMs (Portal and Collector DB).
- Ensure that the Collector VM's are powered off.
- Ensure that the Portal and Collector database VM's are running.
- Ensure that the Portal VM is running.
- Download the latest portal and collector build files (the .out files, not the .ovf.zip files).

Upgrade the Portal

1. Log in to the FortiPortal Admin Portal.
2. From the **Admin** tab, click the **FPC Admin** button to open the portal admin web UI. The portal admin web UI opens in a new browser tab, and presents a login page.
3. Log in to the portal admin web UI.
4. On the **System settings** page, in the **System Information** panel, click the **Update** button beside the **Firmware Version**.
5. In the pop-up dialog, click Choose File and select the portal .out file that you downloaded. The portal will upgrade and then perform a restart.

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