FortiAnalyzer Upgrade Guide

VERSION 5.2.5

FORTINET

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How to Upgrade

STEP 1: Backup Your Device.
Backup your device and its configuration.

STEP 2: Download.
Upgrade images are available from the Customer Support website.

STEP 3: Upgrade and Monitor.
Install the new firmware.

STEP 4: Verify and Validate.
Use the GUI to verify that the upgrade succeeded, and run the dataset validation tool to verify your datasets.

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Upgrade Paths

You can upgrade FortiAnalyzer 5.0.6 or later directly to FortiAnalyzer 5.2.5. If you are upgrading from 5.0.5 or earlier, you will need to upgrade to FortiAnalyzer 5.0.6 first.

Table 1: FortiAnalyzer V5.2.5 upgrade paths

Initial Version	Upgrade To	Log Database Rebuild Required?
5.0.6–5.0.11	5.2.5	Yes for 5.0.6, No for the rest
5.2.0 or later	5.2.5	No

**If you are running v5.0.6, 5.0.7, 5.0.8, 5.0.9, 5.0.10, during the firmware upgrade, your FortiAnalyzer will temporarily disconnect. When complete, you will be able to login and access your FortiAnalyzer, Not all features will be available immediately while the SQL database is rebuilt. View Step 3 Upgrade and Monitor for details.*

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Detailed Upgrade Instructions

Step 1. Back Up Your Device.

Backup your device configuration from the Systems Settings tab.

Step 2. Download.

Download your firmware image.

1. Use the CLI command to check for current reports. Allow them to complete prior to upgrading.

```
FAZ1000D # dia report status running
FAZ1000D # dia report status pending
```

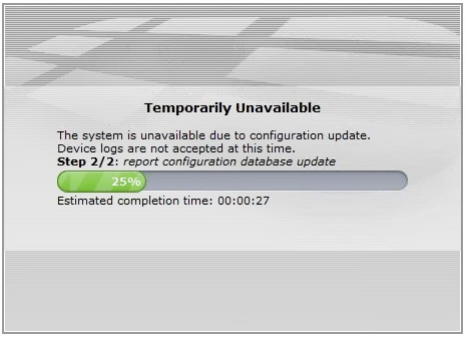
2. If you are upgrading a FortiAnalyzer VM, make sure your VM partition has more than 512MB*, and your VM server is up to date.

**It is recommended to allocate 1024MB for the FortiAnalyzer VM partition.*

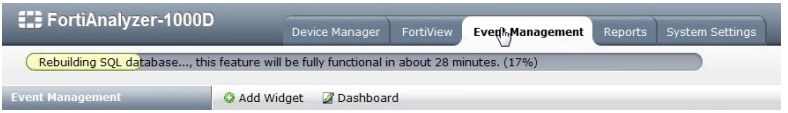
Step 3. Upgrade and Monitor

Install the downloaded firmware image.

During a firmware upgrade, you will temporarily disconnect to your FortiAnalyzer. When the firmware has been installed, you can reconnect to your device.

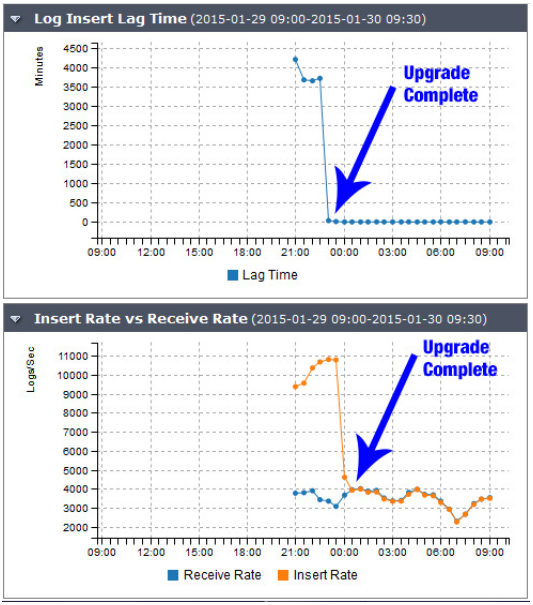


When complete, you will be able to log in and access your FortiAnalyzer. Not all features will be available immediately while the SQL database is rebuilt. A status bar will keep you up to date on the rebuild status:



Step 3. Upgrade and Monitor

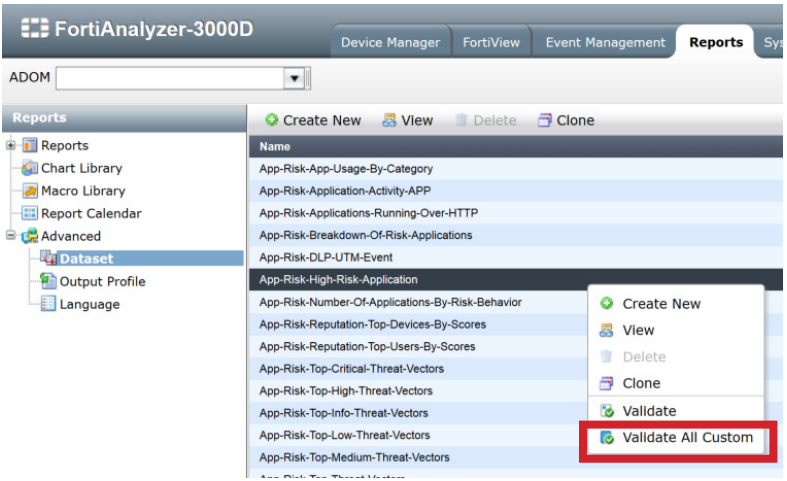
Monitor the rebuild progress with the *Log Insert Lag Time* and *Insert Rate vs Receive Rate* widgets. These widgets will show you the gap between logs being received and logs being inserted after the upgrade. You can customize this widget to show data every 60 to 240 seconds. As shown below, you will notice an initial delay in logs being inserted, but that will resolve itself as time passes. You can add these widgets in the same way you add other widgets in the Dashboard.



Step 4. Verify and Validate

After using GUI to verify that the upgrade succeeded, run dataset validation tool to verify your datasets.

1. Select the *Reports* tab.
2. Select *Advanced* in the left pane.
3. Select *Dataset*.
4. Right-click any report and select *Validate All Custom*.



	Dataset	Message
⚠	1111	ERROR: [redacted] types text and inet cannot be matched LINE 1: [redacted] (select [redacted] as ...
⚠	2222	ERROR: [redacted] types text and inet cannot be matched LINE 1: [redacted] (select [redacted]) as ...
⚠	3333	ERROR: [redacted] types text and inet cannot be matched LINE 1: select * from ([redacted]) as...

Supported Models

The following models support upgrading to FortiAnalyzer v5.2.5:

FAZ-100C
FAZ-200D
FAZ-300D
FAZ-400C
FAZ-1000C
FAZ-1000D
FAZ-2000B
FAZ-3000D
FAZ-3000E
FAZ-3500E
FAZ-3900E
FAZ-4000B

FAZ-VM32
FAZ-VM64
FAZ-VM64-AWS
FAZ-VM64-HV
FAZ-VM64-KVM
FAZ-VM64-XEN

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