

# FortiAnalyzer - Release Notes

Version 6.0.12

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FortiAnalyzer 6.0.12 Release Notes

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# TABLE OF CONTENTS

|                                                              |           |
|--------------------------------------------------------------|-----------|
| <b>Change Log</b>                                            | <b>5</b>  |
| <b>FortiAnalyzer 6.0.12 Release</b>                          | <b>6</b>  |
| Supported models                                             | 6         |
| <b>Special Notices</b>                                       | <b>7</b>  |
| Port 8443 reserved                                           | 7         |
| FortiManager features disabled when FortiAnalyzer HA enabled | 7         |
| Updated Widgets for Fortinet Security Fabric                 | 7         |
| Hyper-V FortiAnalyzer-VM running on an AMD CPU               | 7         |
| SSLv3 on FortiAnalyzer-VM64-AWS                              | 7         |
| Pre-processing logic of ebtime                               | 8         |
| <b>Upgrade Information</b>                                   | <b>9</b>  |
| Upgrading to FortiAnalyzer 6.0.x                             | 9         |
| Downgrading to previous versions                             | 9         |
| Firmware image checksums                                     | 9         |
| FortiAnalyzer VM firmware                                    | 10        |
| SNMP MIB files                                               | 11        |
| <b>Product Integration and Support</b>                       | <b>12</b> |
| FortiAnalyzer version 6.0.12 support                         | 12        |
| Web browsers                                                 | 12        |
| FortiOS/FortiOS Carrier                                      | 13        |
| FortiAnalyzer                                                | 13        |
| FortiAuthenticator                                           | 13        |
| FortiCache                                                   | 13        |
| FortiClient                                                  | 14        |
| FortiDDoS                                                    | 14        |
| FortiMail                                                    | 14        |
| FortiManager                                                 | 14        |
| FortiSandbox                                                 | 14        |
| FortiSwitch ATCA                                             | 14        |
| FortiWeb                                                     | 15        |
| Virtualization                                               | 15        |
| Feature support                                              | 15        |
| FortiGate Management                                         | 16        |
| Language support                                             | 16        |
| Supported models                                             | 17        |
| FortiGate models                                             | 18        |
| FortiCarrier models                                          | 21        |
| FortiDDoS models                                             | 21        |
| FortiAnalyzer models                                         | 22        |
| FortiMail models                                             | 22        |
| FortiSandbox models                                          | 23        |
| FortiSwitch ATCA models                                      | 24        |
| FortiWeb models                                              | 24        |

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|                                 |           |
|---------------------------------|-----------|
| FortiCache models .....         | 25        |
| FortiProxy models .....         | 25        |
| FortiAuthenticator models ..... | 26        |
| <b>Resolved Issues .....</b>    | <b>27</b> |
| <b>Known Issues .....</b>       | <b>28</b> |

# Change Log

| Date       | Change Description         |
|------------|----------------------------|
| 2023-06-08 | Initial release of 6.0.12. |
|            |                            |

# FortiAnalyzer 6.0.12 Release

This document provides information about FortiAnalyzer version 6.0.12 build 0485.



The recommended minimum screen resolution for the FortiAnalyzer GUI is 1920 x 1080. Please adjust the screen resolution accordingly. Otherwise, the GUI may not display properly.

This section includes the following topics:

- [Supported models on page 6](#)

## Supported models

FortiAnalyzer version 6.0.12 supports the following models:

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FortiAnalyzer</b>    | FAZ-200D, FAZ-200F, FAZ-300D, FAZ-300F, FAZ-400E, FAZ-800F, FAZ-1000D, FAZ-1000E, FAZ-2000E, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-3700F and FAZ-3900E.                 |
| <b>FortiAnalyzer VM</b> | FAZ-VM64, FAZ-VM64-ALI, FAZ-VM64-AWS, FAZ-VM64-AWS-OnDemand, FAZ-VM64-Azure, FAZ-VM64-GCP, FAZ-VM64-HV, FAZ-VM64-KVM, FAZ-VM64-OPC, and FAZ-VM64-XEN (Citrix XenServer and Open Source Xen). |

# Special Notices

This section highlights some of the operational changes that administrators should be aware of in FortiAnalyzer version 6.0.12.

## Port 8443 reserved

Port 8443 is reserved for https-logging from FortiClient EMS for Chromebooks.

## FortiManager features disabled when FortiAnalyzer HA enabled

If you have FortiManager features enabled on FortiAnalyzer units, and then enable HA for the FortiAnalyzer units, FortiManager features are automatically disabled. FortiManager features are not supported when FortiAnalyzer HA is enabled.

## Updated Widgets for Fortinet Security Fabric

After upgrading FortiAnalyzer from 5.6 to 6.0, the NOC Security Fabric widgets, *Security Fabric Score Summary* and *Historical Security Fabric Scores*, no longer show any data. These two widgets have been replaced by the following widgets: *Security Fabric Rating Report* and *Security Fabric Scores* in FortiAnalyzer 6.0. The two new widgets only support FortiOS 6.0 devices.

## Hyper-V FortiAnalyzer-VM running on an AMD CPU

A Hyper-V FAZ-VM running on a PC with an AMD CPU may experience a kernel panic. Fortinet recommends running VMs on an Intel-based PC.

## SSLv3 on FortiAnalyzer-VM64-AWS

Due to known vulnerabilities in the SSLv3 protocol, FortiAnalyzer-VM64-AWS only enables TLSv1 by default. All other models enable both TLSv1 and SSLv3. If you wish to disable SSLv3 support, please run:

```
config system global
    set ssl-protocol tlsv1
end
```

## Pre-processing logic of ebtime

Logs with the following conditions met are considered usable for the calculation of estimated browsing time:

Traffic logs with `logid` of 13 or 2, when `logid == 13`, `hostname` must not be empty. The `service` field should be either HTTP, 80/TCP or 443/TCP.

If all above conditions are met, then `devid`, `vdom`, and `user` (`srcip` if `user` is empty) are combined as a key to identify a user. For time estimation, the current value of `duration` is calculated against history session start and end time, only un-overlapped part are used as the `ebtime` of the current log.

# Upgrade Information

You can upgrade FortiAnalyzer 5.6.0 or later directly to 6.0.12.



For other upgrade paths and details about upgrading your FortiAnalyzer, see *FortiAnalyzer Upgrade Guide* in the Document Library.

---

## Upgrading to FortiAnalyzer 6.0.x

Upgrading to FortiAnalyzer 6.0.x automatically triggers an SQL database rebuild, which must complete for FortiAnalyzer to function normally. Verify the database rebuild status using `diagnose sql status rebuild-db`.

This section contains the following topics:

- [Downgrading to previous versions on page 9](#)
- [Firmware image checksums on page 9](#)
- [FortiAnalyzer VM firmware on page 10](#)
- [SNMP MIB files on page 11](#)

## Downgrading to previous versions

FortiAnalyzer does not provide a full downgrade path. You can downgrade to a previous firmware release via the GUI or CLI, but doing so results in configuration loss. A system reset is required after the firmware downgrading process has completed. To reset the system, use the following CLI commands via a console port connection:

```
execute reset all-settings
execute format {disk | disk-ext4}
```

## Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. To verify the integrity of the download, select the *Checksum* link next to the *HTTPS* download link. A dialog box will be displayed with the image file name and checksum code. Compare this checksum with the checksum of the firmware image.

## FortiAnalyzer VM firmware

Fortinet provides FortiAnalyzer VM firmware images for Amazon AWS, Citrix and Open Source XenServer, Linux KVM, Microsoft Hyper-V Server, and VMware ESX/ESXi virtualization environments.

### Aliyun

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains QCOW2 that can be used by qemu.

### Amazon Web Services

- The 64-bit Amazon Machine Image (AMI) is available on the AWS marketplace.

### Citrix XenServer and Open Source XenServer

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.OpenXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the QCOW2 file for the Open Source Xen Server.
- `.out.CitrixXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the Citrix XenServer Disk (VHD), and OVF files.

### Google GCP

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.gcp.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation.

### Linux KVM

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains QCOW2 that can be used by qemu.

### Microsoft Azure

The files for Microsoft Azure have AZURE in the filenames, for example `FAZ_VM64_AZURE-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.hyperv.zip`: Download the package for a new FortiAnalyzer VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Azure.

### Microsoft Hyper-V Server

The files for Microsoft Hyper-V Server have HV in the filenames, for example, `FAZ_VM64_HV-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiAnalyzer VM installation.
- `.hyperv.zip`: Download the package for a new FortiAnalyzer VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Hyper-V Server.



Microsoft Hyper-V 2016 is supported.

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### VMware ESX/ESXi

- `.out`: Download either the 64-bit firmware image to upgrade your existing VM installation.
- `.ovf.zip`: Download either the 64-bit package for a new VM installation. This package contains an Open Virtualization Format (OVF) file for VMware and two Virtual Machine Disk Format (VMDK) files used by the OVF file during deployment.



For more information see the FortiManager product data sheet available on the Fortinet web site, <http://www.fortinet.com/products/fortimanager/virtual-security-management.html>. VM installation guides are available in the [Fortinet Document Library](#).

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## SNMP MIB files

You can download the *FORTINET-FORTIMANAGER-FORTIANALYZER.mib* MIB file in the firmware image file folder. The Fortinet Core MIB file is located in the main FortiAnalyzer v5.00 file folder.

# Product Integration and Support

This section lists FortiAnalyzer 6.0.12 support of other Fortinet products. It also identifies what FortiAnalyzer features are supported for log devices, what FortiGate management features are supported when FortiManager features are enabled on FortiAnalyzer, and what languages FortiAnalyzer GUI and reports support. It also lists which Fortinet models can send logs to FortiAnalyzer.

The section contains the following topics:

- [FortiAnalyzer version 6.0.12 support on page 12](#)
- [Feature support on page 15](#)
- [FortiGate Management on page 16](#)
- [Language support on page 16](#)
- [Supported models on page 17](#)

## FortiAnalyzer version 6.0.12 support

This section identifies FortiAnalyzer version 6.0.12 product integration and support information:

- [Web browsers on page 12](#)
- [FortiOS/FortiOS Carrier on page 13](#)
- [FortiAnalyzer on page 13](#)
- [FortiAuthenticator on page 13](#)
- [FortiCache on page 13](#)
- [FortiClient on page 14](#)
- [FortiDDoS on page 14](#)
- [FortiMail on page 14](#)
- [FortiManager on page 14](#)
- [FortiSandbox on page 14](#)
- [FortiSwitch ATCA on page 14](#)
- [FortiWeb on page 15](#)
- [Virtualization on page 15](#)



Always review the Release Notes of the supported platform firmware version before upgrading your device.

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### Web browsers

This section lists FortiAnalyzer version 6.0.12 product integration and support for web browsers:

- Microsoft Edge 80 (80.0.361 or later)  
Due to limitation on Edge, the browser may not completely render a page with a large set of policies or objects.
- Mozilla Firefox version 89
- Google Chrome version 91

## FortiOS/FortiOS Carrier

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiOS/FortiOS Carrier:

- 6.0.0 to 6.0.17
- 5.6.0 to 5.6.14
- 5.4.0 to 5.4.13
- 5.2.0 to 5.2.15

## FortiAnalyzer

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiAnalyzer:

- 6.0.0 and later
- 5.6.0 and later
- 5.4.0 and later

## FortiAuthenticator

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiAuthenticator:

- 5.5.0
- 5.4.0 to 5.4.1
- 5.3.1
- 5.2.2
- 5.1.0
- 5.0.0
- 4.3.0
- 4.2.0
- 4.1.0

## FortiCache

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiCache:

- 4.2.9
- 4.1.6
- 4.0.4

## FortiClient

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiClient:

- 6.0.0 and later
- 5.6.0 and later
- 5.4.0 and later

## FortiDDoS

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiDDoS:

- 4.6.0
- 4.4.2
- 4.2.3

## FortiMail

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiMail:

- 6.0.7
- 5.4.10
- 5.3.12

## FortiManager

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiManager:

- 6.0.0 and later
- 5.6.0 and later
- 5.4.0 and later

## FortiSandbox

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiSandbox:

- 3.0.0 to 3.0.5
- 2.5.0 to 2.5.2
- 2.4.0 and 2.4.1
- 2.3.2 and 2.3.3
- 2.2.2

## FortiSwitch ATCA

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiSwitch ATCA:

- 5.0.0 and later

## FortiWeb

This section lists FortiAnalyzer version 6.0.12 product integration and support for FortiWeb:

- 6.0.7
- 5.9.1
- 5.8.6
- 5.7.2
- 5.6.1
- 5.5.6
- 5.4.1

## Virtualization

This section lists FortiAnalyzer version 6.0.12 product integration and support for virtualization:

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- Citrix XenServer 7.2
- Linux KVM Redhat 7.1
- Microsoft Azure
- Microsoft Hyper-V Server 2012 and 2016
- OpenSource XenServer 4.2.5
- VMware ESXi versions 5.0, 5.5, 6.0, 6.5 and 6.7

## Feature support

The following table lists FortiAnalyzer feature support for log devices.

| Platform                                  | Log View | FortiView | Event Management | Reports |
|-------------------------------------------|----------|-----------|------------------|---------|
| FortiGate                                 | ✓        | ✓         | ✓                | ✓       |
| FortiCarrier                              | ✓        | ✓         | ✓                | ✓       |
| FortiAnalyzer                             | ✓        |           | ✓                |         |
| FortiAuthenticator                        | ✓        |           |                  |         |
| FortiCache                                | ✓        |           | ✓                | ✓       |
| FortiClient registered to FortiGate       | ✓        | ✓         |                  | ✓       |
| FortiClient registered to FortiClient EMS | ✓        | ✓         |                  | ✓       |
| FortiDDoS                                 | ✓        | ✓         | ✓                | ✓       |

| Platform     | Log View | FortiView | Event Management | Reports |
|--------------|----------|-----------|------------------|---------|
| FortiMail    | ✓        |           | ✓                | ✓       |
| FortiManager | ✓        |           | ✓                |         |
| FortiSandbox | ✓        |           | ✓                | ✓       |
| FortiWeb     | ✓        |           | ✓                | ✓       |
| Syslog       | ✓        |           | ✓                | ✓       |

## FortiGate Management

You can enable FortiManager features on some FortiAnalyzer models. FortiAnalyzer models with FortiManager features enabled can manage a small number of FortiGate devices, and all but a few FortiManager features are enabled on FortiAnalyzer.



FortiAnalyzer HA is not supported when FortiManager features are enabled.

The following table lists the supported modules for FortiAnalyzer with FortiManager Features enabled:

| FortiManager Management Modules                        | FortiAnalyzer with FortiManager Features Enabled |
|--------------------------------------------------------|--------------------------------------------------|
| Device Manager, except firmware and license management | ✓                                                |
| Policy & Objects                                       | ✓                                                |
| AP Manager                                             | ✓                                                |
| FortiClient Manager                                    | ✓                                                |
| VPN Manager                                            | ✓                                                |
| FortiGuard                                             |                                                  |
| FortiManager HA                                        |                                                  |
| FortiMeter                                             |                                                  |
| FGT-VM License Activation                              |                                                  |
| Chassis Management                                     | ✓                                                |

## Language support

The following table lists FortiAnalyzer language support information.

| Language              | GUI | Reports |
|-----------------------|-----|---------|
| English               | ✓   | ✓       |
| Chinese (Simplified)  | ✓   | ✓       |
| Chinese (Traditional) | ✓   | ✓       |
| French                |     | ✓       |
| Hebrew                |     | ✓       |
| Hungarian             |     | ✓       |
| Japanese              | ✓   | ✓       |
| Korean                | ✓   | ✓       |
| Portuguese            |     | ✓       |
| Russian               |     | ✓       |
| Spanish               |     | ✓       |

To change the FortiAnalyzer language setting, go to *System Settings > Admin > Admin Settings*, in *Administrative Settings > Language* select the desired language from the drop-down list. The default value is *Auto Detect*.

Russian, Hebrew, and Hungarian are not included in the default report languages. You can create your own language translation files for these languages by exporting a predefined language from FortiManager, modifying the text to a different language, saving the file as a different language name, and then importing the file into FortiManager. For more information, see the *FortiAnalyzer Administration Guide*.

## Supported models

This section identifies which FortiGate, FortiCarrier, FortiDDoS, FortiAnalyzer, FortiMail, FortiSandbox, FortiSwitch, FortiWeb, FortiCache, and FortiProxy models and firmware versions can send logs to a FortiAnalyzer appliance running version 6.0.12. Please ensure that the log devices are supported before completing the upgrade.



Software license activated LENC devices are supported, if their platforms are in the supported models list. For example, support of FG-3200D indicates support of FG-3200D-LENC.

This section contains the following topics:

- [FortiGate models on page 18](#)
- [FortiCarrier models on page 21](#)
- [FortiDDoS models on page 21](#)
- [FortiAnalyzer models on page 22](#)
- [FortiMail models on page 22](#)
- [FortiSandbox models on page 23](#)
- [FortiSwitch ATCA models on page 24](#)
- [FortiWeb models on page 24](#)

- [FortiCache models on page 25](#)
- [FortiProxy models on page 25](#)
- [FortiAuthenticator models on page 26](#)

## FortiGate models

| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Firmware Version |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p><b>FortiGate:</b> FGT-30E-3G4G-GBL, FGT-60F, FGT-61F, FGT-3400E, FGT-3401E, FGT-3600E, FGT-3601E, FGT-400E, FGT-401E, FGT-600E, FGT-601E, FGT-60E-DSL, FGT-60E-DSLJ, FWF-60E-DSL, FWF-60E-DSLJ, FGT-VM64-RAXONDEMAND, FG-30D, FG-30D-POE, FG-30E, FG-30E-3G4G-INTL, FG-30E-3G4G-NAM, FG-40F, FGT-40F-3G4G, FG50E, FG-51E, FG-52E, FG-60D, FG-60D-POE, FG-60E, FG-60E-POE, FG-61E, FG-70D, FG-70D-POE, FG-80D, FG-80E, FG-80E-POE, FG-81E, FG-81E-POE, FG-90D, FG-90D-POE, FG-90E, FG-91E, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-100E, FG-100F, FG-101F,, FG-101E, FG-140D, FG-140D-POE, FG-140E, FG-140E-POE, FG200D, FG-200D-POE, FG-200E, FG-201E, FG-240D, FG-240-POE, FG-280D-POE, FG300D, FG-300E, FG-301E, FG-400D, FG-500D, FG-500E, FG-501E, FG-600D, FG-800D, FG-900D, FG-1000D, FG-1200D, FG-1500D, FG-1500DT, FG-1800F, FG-1801F, FG-2000E, FG-2500E, FG-3000D, FG-3100D, FG-3200D, FG3700D, FG-3800D, FG-3810D, FG-3815D, FG-1100E, FG-1101E, FG-2200E, FG-2201E, FG-3300E, FG-3301E, FG-3960E, FG-3980E, FG-6000F</p> <p><b>FortiGate 5000 Series:</b> FG-5001D, FG-5001E, FG-5001E1</p> <p><b>FortiGate 6000 Series:</b> FG-6300F, FG-6301F, FG-6500F, FG-6501F, FG-6300F-DC, FG-6301F-DC, FG-6500F-DC, FG-6501F-DC</p> <p><b>FortiGate 7000 Series:</b> FG-7030E-S, FG-7030E-Q, FG-7040E-1, FG-7040E-2, FG-7040E-3, FG-7040E-4, FG-7040E-5, FG-7040E-6, FG-7040E-8, FG-7040E-8-DC, FG-7040E-9-DC, FG-7060E-1, FG-7060E-2, FG-7060E-3, FG-7060E-4, FG-7060E-5, FG-7060E-6, FG-7060E-8, FG-7060E-9, FortiGate-7060E-8-DC</p> <p><b>FortiGate DC:</b> FG-800D-DC, FG1500D-DC, FG-3000D-DC, FG-3100D-DC, FG-3200D-DC, FG-3700D-DC, FG-3800D-DC, FG-3810D-DC, FG-3815D-DC</p> <p><b>FortiGate Hardware Low Encryption:</b> FG-100D-LENC,</p> <p><b>Note:</b> All license-based LENC is supported based on the FortiGate support list.</p> <p><b>FortiWiFi:</b> FWF-30D, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-40F, FWF-40F-3G4G, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-61E, FWF-60F, FWF-61F, FWF-90D, FWF-90D-POE, FWF-92D</p> <p><b>FortiGate VM:</b> FG-VM64, FG-VM64-AWS, FG-VM64-AWSONDEMAND, FG-VM64-AZUREONDEMAND, FG-VM64-Azure, FG-VM64-GCP, FG-VM64-GCPONDEMAND, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-XEN, FG-VMX-Service-Manager, FOS-VM64, FOS-VM64-KVM, FOS-VM64-Xen</p> <p><b>FortiGate Rugged:</b> FGR-30D, FGR-35D, FGR-60D, FGR-90D</p> | 6.0              |

| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Firmware Version |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p><b>FortiGate:</b> FG-30D, FG-30D-POE, FG-30E, FG-30E-3G4G-INTL, FG-30E-3G4G-NAM, FG-50E, FG-51E, FG-52E, FG-60D, FG-60D-POE, FG-60E, FG-60E-POE, FG-60E-DSL, FG-61E, FG-70D, FG-70D-POE, FG-80C, FG-80CM, FG-80D, FG-80E, FG-80E-POE, FG-81E, FG-81E-POE, FG-90D, FG-90D-POE, FG-90E, FG-91E, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-100E, FG-100F, FG-101E, FG-140D, FG-140D-POE, FG-140E, FG-140E-POE, FG-200D, FG-200D-POE, FG-200E, FG-201E, FG-240D, FG-240-POE, FG-280D-POE, FG-300D, FG-300E, FG-301E, FG-400D, FG-500D, FG-500E, FG-501E, FG-600C, FG-600D, FG-800C, FG-800D, FG-900D, FG-1000C, FG-1000D, FG-1200D, FG-1500D, FG-1500DT, FG-2000E, FG-2500E, FG-3000D, FG-3100D, FG-3200D, FG-3240C, FG-3600C, FG-3700D, FG-3700DX, FG-3800D, FG-3810D, FG-3815D, FG-3960E, FG-3980E,</p> <p><b>FortiGate 5000 Series:</b> FG-5001C, FG-5001D, FG-5001E, FG-5001E1</p> <p><b>FortiGate 6000 Series:</b> FG-6300F, FG-6301F, FG-6500F, FG-6501F, FG-6300F-DC, FG-6301F-DC, FG-6500F-DC, FG-6501F-DC</p> <p><b>FortiGate 7000 Series:</b> FG-7030E, FG-7040E, FG-7060E, FG-7060E-8-DC</p> <p><b>FortiGate DC:</b> FG-80C-DC, FG-600C-DC, FG-800C-DC, FG-800D-DC, FG-1000C-DC, FG-1500D-DC, FG-3000D-DC, FG-3100D-DC, FG-3200D-DC, FG-3240C-DC, FG-3600C-DC, FG-3700D-DC, FG-3800D-DC, FG-3810D-DC, FG-3815D-DC</p> <p><b>FortiGate Hardware Low Encryption:</b> FG-80C-LENC, FG-100D-LENC, FG-600C-LENC, FG-1000C-LENC</p> <p><b>Note:</b> All license-based LENC is supported based on the FortiGate support list.</p> <p><b>FortiWiFi:</b> FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D</p> <p><b>FortiGate VM:</b> FG-VM64, FG-VM64-AWS, FG-VM64-AWSONDEMAND, FG-VM64-Azure, FG-VM64-AZUREONDEMAND, FG-VM64-GCP, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-XEN, FG-VMX-Service-Manager, FOSVM64, FOSVM64-KVM, FOS-VM64-Xen</p> <p><b>FortiGate Rugged:</b> FGR-30D, FGR-35D, FGR-60D, FGR-90D</p> | 5.6              |
| <p><b>FortiGate:</b> FG-30D, FG-30D-POE, FG-30E, FG-30E-3G4G-INTL, FG-30E-3G4G-NAM, FG-50E, FG-51E, FG-52E, FG-60D, FG-60D-POE, FG-60E, FG-60E-DSL, FG-60E-POE, FG-61E, FG-70D, FG-70D-POE, FG-80C, FG-80CM, FG-80D, FG-80E, FG-80E-POE, FG-81E, FG-81E-POE, FG-90D, FG-90D-POE, FG-90E, FG-91E, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-100E, FG-100F, FG-101E, FG-140D, FG-140D-POE, FG-140E, FG-140-POE, FG-200D, FG-200D-POE, FG-240D, FG-240D-POE, FG-280D-POE, FG-200E, FG-201E, FGT-300D, FGT-300E, FGT-301E, FG-400D, FG-500D, FG-500E, FG-501E, FG-600C, FG-600D, FG-800C, FG-800D, FG-900D, FG-1000C, FG-1000D, FG-1200D, FG-1500D, FG-1500DT, FG-3000D, FG-3100D, FG-3200D, FG-3240C, FG-3600C, FG-3700D, FG-3700DX, FG 3800D, FG-3810D, FG-3815D, FG-3960E, FG3980E, FG-2000E, FG-2500E</p> <p><b>FortiGate 5000 Series:</b> FG-5001C, FG-5001D, FG-5001E, FG-5001E1</p> <p><b>FortiGate 6000 Series:</b> FG-6300F, FG-6301F, FG-6500F, FG-6501F, FG-6300F-DC, FG-6301F-DC, FG-6500F-DC, FG-6501F-DC</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5.4              |

| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Firmware Version |
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| <b>FortiGate 7000 Series:</b> FG-7030E-Q, FG-7030E-S, FG-7040E-1, FG-7040E-2, FG-7040E-3, FG-7040E-4, FG-7040E-5, FG-7040E-6, FG-7040E-8, FG-7040E-8-DC, FG-7060E-1, FG-7060E-2, FG-7060E-3, FG-7060E-4, FG-7060E-5, FG-7060E-6, FG-7060E-8, FG-7060E-8-DC<br><b>FortiGate DC:</b> FG-80C-DC, FG-600C-DC, FG-800C-DC, FG-800D-DC, FG-1000C-DC, FG-1500D-DC, FG-3000D-DC, FG-3100D-DC, FG-3200D-DC, FG-3240C-DC, FG-3600C-DC, FG-3700D-DC, FG-3800D-DC, FG-3810D-DC, FG-3815DC<br><b>FortiGate Hardware Low Encryption:</b> FG-80C-LENC, FG-100D-LENC, FG-600C-LENC, FG-1000C-LENC<br><b>Note:</b> All license-based LENC is supported based on the FortiGate support list.<br><b>FortiWiFi:</b> FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E-DSL, FWF-60E, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D<br><b>FortiGate VM:</b> FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWSONDEMAND, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-XEN, FG-VMX-Service-Manager, FOS-VM64, FOS-VM64-KVM<br><b>FortiGate Rugged:</b> FGR-30D, FGR-30D-ADSL-A, FGR-35D, FGR-60D, FGR-90D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
| <b>FortiGate:</b> FG-20C, FG-20C-ADSL-A, FG-30D, FG-30D-POE, FG-40C, FG-60C, FG-60C-POE, FG-60C-SFP, FG-60D, FG-60D-3G4G-VZW, FG-60D-POE, FG-70D, FG-70D-POE, FG-80C, FG-80CM, FG-80D, FG-90D, FG-90D-POE, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-110C, FG-111C, FG-140D, FG-140D-POE, FG-140D-POE-T1, FG-200B, FG-200B-POE, FG-200D, FG-200D-POE, FG-240D, FG-240D-POE, FG-280D-POE, FG-300C, FG-300D, FG-310B, FG-311B, FG-400D, FG-500D, FG-600C, FG-600D, FG-620B, FG-621B, FG-800C, FG-800D, FG-900D, FG-1000C, FG-1000D, FG-1200D, FG-1240B, FG-1500D, FG-1500DT, FG-3000D, FG-3016B, FG-3040B, FG-3100D, FG-3140B, FG-3200D, FG-3240C, FG-3600C, FG-3700D, FG-3700DX, FG-3810A, FG-3810D, FG-3815D, FG-3950B, FG-3951B<br><b>FortiGate 5000 Series:</b> FG-5001A, FG-5001A-SW, FG-5001A-LENC, FG-5001A-DW-LENC, FG-5001A-SW-LENC, FG-5001B, FG-5001C, FG-5001D, FG-5101C<br><b>FortiGate DC:</b> FG-80C-DC, FG-300C-DC, FG-310B-DC, FG-600C-DC, FG-620B-DC, FG-621B-DC, FG-800C-DC, FG-800D-DC, FG-1000C-DC, FG-1240B-DC, FG-1500D-DC, FG-3000D-DC, FG-3040B-DC, FG-3100D-DC, FG-3140B-DC, FG-3200D-DC, FG-3240C-DC, FG-3600C-DC, FG-3700D-DC, FG-3810A-DC, FG-3810D-DC, FG-3815D-DC, FG-3950B-DC, FG-3951B-DC<br><b>FortiGate Low Encryption:</b> FG-20C-LENC, FG-40C-LENC, FG-60C-LENC, FG-80C-LENC, FG-100D-LENC, FG-200B-LENC, FG-300C-LENC, FG-310B-LENC, FG-600C-LENC, FG-620B-LENC, FG-1000C-LENC, FG-1240B-LENC, FG-3040B-LENC, FG-3140B-LENC, FG-3810A-LENC, FG-3950B-LENC<br><b>FortiWiFi:</b> FWF-20C, FWF-20C-ADSL-A, FWF-30D, FWF-30D-POE, FWF-40C, FWF-60C, FWF-60CM, FWF-60CX-ADSL-A, FWF-60D, FWF-60D-3G4G-VZW, FWF-60D-POE, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D<br><b>FortiGate Rugged:</b> FGR-60D, FGR-100C<br><b>FortiGate VM:</b> FG-VM, FG-VM64, FG-VM64-AWSONDEMAND, FG-VM-Azure, FG-VM64-HV, FG-VM64-KVM, FG-VM64-XEN<br><b>FortiSwitch:</b> FS-5203B, FCT-5902D | 5.2              |

## FortiCarrier models

| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Firmware Version |
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| <b>FortiCarrier:</b> FGT-3000D, FGT-3100D, FGT-3200D, FGT-3700D, FGT-3800D, FGT-3810D, FGT-3960E, FGT-3980E, FGT-5001D, FGT-5001E<br><b>FortiCarrier-DC:</b> FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3700D-DC, FGT-3800D-DC, FGT-3810D-DC, FGT-3960E-DC, FGT-3980E-DC<br><b>FortiCarrier-VM:</b> FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-Azure, FG-VM64-GCP, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-Xen                                                                                                                                                                                                                                                               | 6.0              |
| <b>FortiCarrier:</b> FGT-3000D, FGT-3100D, FGT-3200D, FGT-3240C, FGT-3600C, FGT-3700D, FGT-3700DX, FGT-3800D, FGT-3810D, FGT-3960E, FGT-3980E, FGT-5001C, FGT-5001D, FGT-5001E<br><b>FortiCarrier 6000 Series:</b> FG-6300F, FG-6301F, FG-6500F, FG-6501F<br><b>FortiCarrier 7000 Series:</b> FG-7030E, FG-7040E, FG-7060E<br><b>FortiCarrier-DC:</b> FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3240C-DC, FGT-3600C-DC, FGT-3700D-DC, FGT-3800D-DC, FGT-3810D-DC, FGT-3960E-DC, FGT-3810D-DC, FGT-7060E-8-DC<br><b>FortiCarrier-VM:</b> FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWS-AWSONDEMAND, FG-VM64-Azure, FG-VM64-GCP, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-Xen | 5.6              |
| <b>FortiCarrier:</b> FGT-3000D, FGT-3100D, FGT-3200D, FGT-3240C, FGT-3600C, FGT-3700D, FGT-3700DX, FGT-3800D, FGT-3810D, FGT-5001C, FGT-5001D, FGT-7030E, FGT-7040E<br><b>FortiCarrier 6000 Series:</b> FG-6300F, FG-6301F, FG-6500F, FG-6501F<br><b>FortiCarrier 7000 Series:</b> FG-7030E, FG-7040E, FG-7060E<br><b>FortiCarrier-DC:</b> FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3240C-DC, FGT-3600C-DC, FGT-3700D-DC, FGT-3800D-DC, FGT-3810D-DC, FGT-7060E-8-DC<br><b>FortiCarrier-VM:</b> FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWS-AWSONDEMAND, FG-VM64-Azure, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-Xen                                                     | 5.4              |
| <b>FortiCarrier:</b> FGT-3000D, FGT-3100D, FGT-3200D, FGT-3240C, FGT-3600C, FGT-3700D, FGT-3700DX, , FGT-3810A, FGT-3810D, FGT-3950B, FGT-3951B, FGT-5100B, FGT-5100C, FGT-5001D, FGT-5101C, FS-5203B, FT-5902D<br><b>FortiCarrier-DC:</b> FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3240C-DC, FGT-3600C-DC, FGT-3700D-DC, FGT-3810A-DC, FGT-3810D-DC, FGT-3950B-DC, FGT-3951B-DC<br><b>FortiCarrier-VM:</b> FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWS-AWSONDEMAND, FG-VM64-HV, FG-VM64-KVM, FG-VM64-Xen                                                                                                                                                                     | 5.2              |

## FortiDDoS models

| Model                                                                                       | Firmware Version |
|---------------------------------------------------------------------------------------------|------------------|
| <b>FortiDDoS:</b> FI-200B, FI-400B, FI-600B, FI-800B, FI-900B, FI-1000B, FI-1200B, FI-2000B | 4.2, 4.1, 4.0    |

## FortiAnalyzer models

| Model                                                                                                                                                                                                                                               | Firmware Version |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiAnalyzer:</b> FAZ-200D, FAZ-200F, FAZ-300D, FAZ-300F, FAZ-400E, FAZ-800F, FAZ-1000D, FAZ-1000E, FAZ-2000E, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-3700F, FAZ-3900E                                                      | 6.0              |
| <b>FortiAnalyzer VM:</b> FAZ-VM64, FAZ-VM64-AWS, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, and FAZ-VM64-XEN (Citrix XenServer and Open Source Xen)                                                                                                 |                  |
| <b>FortiAnalyzer:</b> FAZ-200D, FAZ-300D, FAZ-400E, FAZ-800F, FAZ-1000D, FAZ-1000E, FAZ-2000E, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, and FAZ-3900E.                                                                                | 5.6              |
| <b>FortiAnalyzer VM:</b> FAZ-VM64, FAZ-VM64-AWS, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, and FAZ-VM64-XEN (Citrix XenServer and Open Source Xen).                                                                                                |                  |
| <b>FortiAnalyzer:</b> FAZ-200D, FAZ-300D, FAZ-400E, FAZ-800F, FAZ-1000D, FAZ-1000E, FAZ-2000B, FAZ-2000E, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-3900E, and FAZ-4000B.                                                          | 5.4              |
| <b>FortiAnalyzer VM:</b> FAZ-VM64, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-XEN (Citrix XenServer and Open Source Xen), FAZ-VM64-KVM, and FAZ-VM64-AWS.                                                                                                |                  |
| <b>FortiAnalyzer:</b> FAZ-100C, FAZ-200D, FAZ-200E, FAZ-300D, FAZ-400C, FAZ-400E, FAZ-800F, FAZ-1000C, FAZ-1000D, FAZ-1000E, FAZ-2000B, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-3900E, FAZ-4000B                                 | 5.2              |
| <b>FortiAnalyzer VM:</b> FAZ-VM, FAZ-VM-AWS, FAZ-VM64, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, FAZ-VM64-XEN                                                                                                                                      |                  |
| <b>FortiAnalyzer:</b> FAZ-100C, FAZ-200D, FAZ-200E, FAZ-300D, FAZ-400B, FAZ-400C, FAZ-400E, FAZ-800F, FAZ-1000B, FAZ-1000C, FAZ-1000D, FAZ-1000E, FAZ-2000A, FAZ-2000B, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-4000A, FAZ-4000B | 5.0              |
| <b>FortiAnalyzer VM:</b> FAZ-VM, FAZ-VM64, FAZ-VM64-AWS, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, FAZ-VM64-XEN                                                                                                                                    |                  |

## FortiMail models

| Model                                                                                                                            | Firmware Version |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiMail:</b> FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-3000D, FE-3000E, FE-3200E | 6.0              |
| <b>FortiMail VM:</b> FE-VM64                                                                                                     |                  |
| <b>FortiMail:</b> FE-60D, FE-200D, FE-200E, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-2000E, FE-3000C, FE-3000E, FE-3200E         | 5.4.6            |
| <b>FortiMail Low Encryption:</b> FE-3000C-LENC                                                                                   | 5.4.2            |

| Model                                                                                                                                                                                                                                                   | Firmware Version |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiMail:</b> FE-60D, FE-200D, FE-200E, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-2000E, FE-3000C, FE-3000D, FE-3000E, FE-3200E, FE-5002B<br><b>FortiMail Low Encryption:</b> FE-3000C-LENC<br><b>FortiMail VM:</b> FE-VM64, FE-VM64-HV, FE-VM64-XEN | 5.3.12           |
| <b>FortiMail:</b> FE-60D, FE-200D, FE-200E, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-3000C, FE-3000D, FE-5002B<br><b>FortiMail VM:</b> FE-VM64, FE-VM64-HV, FE-VM64-XEN                                                                                 | 5.2.10           |
| <b>FortiMail:</b> FE-100C, FE-200D, FE-200E, FE-400B, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-3000C, FE-3000D, FE-5001A, FE-5002B<br><b>FortiMail VM:</b> FE-VM64                                                                                      | 5.1.7            |
| <b>FortiMail:</b> FE-100C, FE-200D, FE-200E, FE-400B, FE-400C, FE-1000D, FE-2000A, FE-2000B, FE-3000C, FE-3000D, FE-4000A, FE-5001A, FE-5002B<br><b>FortiMail VM:</b> FE-VM64                                                                           | 5.0.10           |

## FortiSandbox models

| Model                                                                                                                 | Firmware Version                            |
|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>FortiSandbox:</b> FSA-1000D, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D<br><b>FortiSandbox VM:</b> FSA-KVM, FSA-VM | 3.0.1<br>3.0.0<br>2.5.2<br>2.5.1<br>2.5.0   |
| <b>FortiSandbox:</b> FSA-1000D, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D<br><b>FortiSandbox VM:</b> FSA-VM          | 2.4.1<br>2.4.0<br>2.3.3<br>2.3.2            |
| <b>FortiSandbox:</b> FSA-1000D, FSA-3000D, FSA-3500D<br><b>FortiSandbox VM:</b> FSA-VM                                | 2.2.2<br>2.1.3                              |
| <b>FortiSandbox:</b> FSA-1000D, FSA-3000D<br><b>FortiSandbox VM:</b> FSA-VM                                           | 2.0.3<br>1.4.2                              |
| <b>FortiSandbox:</b> FSA-1000D, FSA-3000D                                                                             | 1.4.0 and 1.4.1<br>1.3.0<br>1.2.0 and later |

## FortiSwitch ATCA models

| Model                                                                                                     | Firmware Version |
|-----------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiController:</b> FTCL-5103B, FTCL-5902D, FTCL-5903C, FTCL-59                                       | 5.2.0            |
| <b>FortiSwitch-ATCA:</b> FS-5003A, FS-5003B<br><b>FortiController:</b> FTCL-5103B, FTCL-5903C, FTCL-5913C | 5.0.0            |
| <b>FortiSwitch-ATCA:</b> FS-5003A, FS-5003B                                                               | 4.3.0<br>4.2.0   |

## FortiWeb models

| Model                                                                                                                                                                                                                                                                                                                                                                               | Firmware Version |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiWeb:</b> FWB-100D, FWB-400C, FWB-400D, FWB-600D, FWB-1000D, FWB-1000E, FWB-2000E, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E<br><b>FortiWeb VM:</b> FWB-VM, FWB-HYPERV, FWB-XENOPEN, FWB-XENSERVER                                                                                                             | 6.0.1            |
| <b>FortiWeb:</b> FWB-1000D, FWB-1000E, FWB-100D, FWB-2000E, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E, FWB-400C, FWB-400D, FWB-600D<br><b>FortiWeb VM:</b> FWB-Azure, FWB-CMINTF, FWB-HYPERV, FWB-KVM, FWB-KVM-PAYG, FWB-VM, FWB-VM-PAYG, FWB-XENAWS, FWB-XENAWS-Ondemand, FWB-XENOPEN                                | 5.9.1            |
| <b>FortiWeb:</b> FWB-1000C, FWB-1000D, FWB-1000E, FWB-100D, FWB-2000E, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E, FWB-400C, FWB-400D, FWB-600D<br><b>FortiWeb VM:</b> FWB-Azure, FWB-Azure-Ondemand, FWB-CMINTF, FWB-HYPERV, FWB-KVM, FWB-KVM-PAYG, FWB-VM, FWB-VM-PAYG, FWB-XENAWS, FWB-XENAWS-Ondemand, FWB-XENOPEN | 5.8.6            |
| <b>FortiWeb:</b> FWB-1000C, FWB-1000D, FWB-100D, FWB-2000E, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E, FWB-400C, FWB-400D, FWB-600D<br><b>FortiWeb VM:</b> FWB-Azure, FWB-HYPERV, FWB-KVM, FWB-OS1, FWB-VM, FWB-XENAWS, FWB-XENAWS-Ondemand, FWB-XENOPEN                                                              | 5.7.2            |
| <b>FortiWeb:</b> FWB-1000C, FWB-1000D, FWB-100D, FWB-2000E, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E, FWB-400C, FWB-400D, FWB-600D<br><b>FortiWeb VM:</b> FWB-Azure, FWB-HYPERV, FWB-KVM, FWB-VM, FWB-XENAWS, FWB-XENAWS-Ondemand, FWB-XENOPEN                                                                       | 5.6.1            |

| Model                                                                                                                                                                                                                                                                                    | Firmware Version |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiWeb:</b> FWB-100D, FWB-400C, FWB-400D, FWB-1000C, FWB-1000D, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E<br><br><b>FortiWeb VM:</b> FWB-VM-64, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR, FWB-HYPERV, FWB-KVM, FWB-AZURE | 5.5.6            |
| <b>FortiWeb:</b> FWB-100D, FWB-400C, FWB-1000C, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-4000C, FWB-4000D, FWB-4000E<br><br><b>FortiWeb VM:</b> FWB-VM64, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR, FWB-HYPERV                                                      | 5.4.1            |
| <b>FortiWeb:</b> FWB-100D, FWB-400B, FWB-400C, FWB-1000B, FWB-1000C, FWB-1000D, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-4000C, FWB-4000D, FWB-4000E<br><br><b>FortiWeb VM:</b> FWB-VM64, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR, and FWB-HYPERV                  | 5.3.9            |
| <b>FortiWeb:</b> FWB-100D, FWB-400B, FWB-400C, FWB-1000B, FWB-1000C, FWB-1000D, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-4000C, FWB-4000D, FWB-4000E<br><br><b>FortiWeb VM:</b> FWB-VM64, FWB-HYPERV, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR                      | 5.2.4            |

## FortiCache models

| Model                                                                                                                                       | Firmware Version |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiCache:</b> FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E<br><br><b>FortiCache VM:</b> FCH-VM64, FCH-KVM | 4.1              |
| <b>FortiCache:</b> FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E<br><br><b>FortiCache VM:</b> FCH-VM64          | 4.0              |

## FortiProxy models

| Model                                                                                 | Firmware Version |
|---------------------------------------------------------------------------------------|------------------|
| <b>FortiProxy:</b> FPX-400E, FPX-2000E<br><br><b>FortiProxy VM:</b> FPX-KVM, FPX-VM64 | 1.0              |

## FortiAuthenticator models

| Model                                                                                                                    | Firmware Version |
|--------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>FortiAuthenticator:</b> FAC-200D, FAC-200E, FAC-400C, FAC-400E, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E | 5.5.0            |
| <b>FortiAuthenticator VM:</b> FAC-VM, FAC-VM-HV, FAC-VM-KVM, FAC-VM-XEN                                                  |                  |

# Resolved Issues

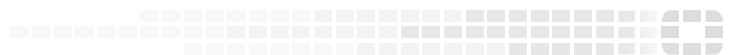
There are no reported resolved issues in FortiAnalyzer version 6.0.12. To inquire about a particular bug, please contact [Customer Service & Support](#).

# Known Issues

There are no reported known issues in FortiAnalyzer version 6.0.12. To inquire about a particular bug, please contact [Customer Service & Support](#).



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