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Release Notes

FortiManager 7.6.3

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FortiManager 7.6.3 Release Notes
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Change Log

Date	Change Description
2025-04-22	Initial release of 7.6.3.
2025-04-23	Fix broken link in Special Notices on page 10.
2025-04-28	Updated Resolved Issues on page 49 and Known issues on page 54.
2025-04-29	Updated Web browsers on page 24.

FortiManager 7.6.3 Release

This document provides information about FortiManager version 7.6.3 build 3492.

The recommended minimum screen resolution for the FortiManager 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 7
- FortiManager VM subscription license on page 7
- Management extension applications on page 8

Supported models

FortiManager version 7.6.3 supports the following models:

FortiManager	FMG-200F, FMG-200G, FMG-300F, FMG-400G, FMG-410G, FMG-1000F, FMG-1000G, FMG-2000E, FMG-3000F, FMG-3000G, FMG-3100G, FMG-3700F, and FMG-3700G.
FortiManager VM	FMG_VM64, FMG_VM64_ALI, FMG_VM64_AWS, FMG_VM64_AWSOnDemand, FMG_VM64_Azure, FMG_VM64_GCP, FMG_VM64_HV (including Hyper-V 2016, 2019, and 2022), FMG_VM64_IBM, FMG_VM64_KVM, FMG_VM64_OPC, FMG_VM64_XEN (for both Citrix and Open Source Xen).

For access to container versions of FortiManager, contact Fortinet Support.

FortiManager VM subscription license

The FortiManager VM subscription license supports FortiManager version 6.4.1 and later. For information about supported firmware, see FortiManager VM firmware on page 21.

See also Appendix B - Default and maximum number of ADOMs supported on page 58.

Management extension applications

The following section describes supported models and minimum system requirements for management extension applications (MEA) in FortiManager7.6.3.

FortiManager uses port TCP/443 or TCP/4443 to connect to the Fortinet registry and download MEAs. Ensure that the port is also open on any upstream FortiGates. For more information about incoming and outgoing ports, see the 7.6 Ports Guide.

As of FortiManager 7.4.0, the *Management Extensions* pane is only visible in the GUI when docker status is enabled and at least one MEA is enabled and downloaded. For more information about enabling and using the MEAs, see the Management Extensions documentation in the FortiManager Documents Library.

Supported models for MEA

You can use any of the following FortiManager models as a host for management extension applications:

FortiManager	FMG-3000F, FMG-3000G, FMG-3100G, FMG-3700F, and FMG-3700G.
FortiManager VM	FMG_VM64, FMG_VM64_ALI, FMG_VM64_AWS, FMG_VM64_AWSOnDemand, FMG_VM64_Azure, FMG_VM64_GCP, FMG_VM64_HV (including Hyper-V 2016, 2019, and 2022), FMG_VM64_IBM, FMG_VM64_KVM, FMG_VM64_OPC, FMG_VM64_XEN (for both Citrix and Open Source Xen).

Minimum system requirements

By default FortiManager VMs use the following system resource settings:

- 4 vCPU
- 16 GB RAM
- 500 GB disk space

Starting with FortiManager 7.0.0, RAM and CPU is capped at 50% for MEAs. (Use the `config system docker` command to view the setting.) If FortiManager has 8 CPUs and 16 GB RAM, then only 4 CPUs and 8 GB RAM are available to MEAs by default, and the 4 CPUs and 8 GB RAM are used for all enabled MEAs.

The management extension applications have minimum system requirements that require you to increase system resources. The following table identifies the minimum requirements for each MEA.

MEA minimum system requirements apply only to the individual MEA and do not take into consideration any system requirements for resource-sensitive FortiManager features or multiple, enabled MEAs. If you are using multiple MEAs, you must increase the system resources to meet the cumulative need of each MEA.

Management Extension Application	Minimum system requirements
FortiSigConverter	• 4 vCPU • 8 GB RAM

Management Extension Application	Minimum system requirements
Universal Connector	• 1 GHZ vCPU • 2 GB RAM • 1 GB disk storage

Special Notices

This section highlights some of the operational changes that administrators should be aware of in 7.6.3.

SSL VPN tunnel mode no longer supported in FortiOS 7.6.3

Starting in FortiOS 7.6.3, the SSL VPN tunnel mode feature is no longer available in the GUI and CLI. Settings will not be upgraded from previous versions. This applies to all FortiGate models.

To ensure uninterrupted remote access, customers must migrate their SSL VPN tunnel mode configuration to IPsec VPN before upgrading to FortiOS 7.6.3.

See Migration from SSL VPN tunnel mode to IPsec VPN in the FortiOS *7.6 New Feature* guide for detailed steps on migrating to IPsec VPN before upgrade.

A complete migration guide can be found in the following links:

- For FortiOS 7.6, see SSL VPN to IPsec VPN Migration.
- For FortiOS 7.4, see SSL VPN to IPsec VPN Migration.

MEAs removed in FortiManager 7.6.3

The following management extension applications (MEAs) are removed in FortiManager 7.6.3:

- FortiAIOps
- FortiSOAR
- Policy Analyzer
- Wireless Manager (FortiWLM)

The following MEAs are still supported in FortiManager 7.6.3:

- FortiSigConverter
- Universal Connector

For more information about the supported MEAs, see Management extension applications on page 8.

Adding VM devices to FortiManager

As of FortiManager 7.6.3, connection between VM devices and FortiManager is restricted for security. By default, FortiManager will not allow VM platform connection in FGFM.

This applies to the following products:

- FortiGate-VM
- FortiCarrier-VM
- FortiProxy-VM
- FortiFirewall-VM

When upgrading from an earlier version of FortiManager, VM devices already managed by FortiManager will continue to be supported without interruption, but you must enable `fgfm-allow-vm` in global settings before adding additional VM devices.

To allow VM platform connection in FGFM, enter the following command in the FortiManager CLI:

```
config system global
   set fgfm-allow-vm enable
end
```

Compatibility issues with FortiOS 7.2.11

Starting from FortiOS version 7.2.11, FortiGate devices use a different password type for the administrator's password field. FortiManager versions released before this change cannot verify the administrator password when installing to a FortiGate, which may result in an installation failure.

HA synchronization of FortiGuard package management receive status

Starting in FortiManager 7.6.2, the *To Be Deployed Version* configured in *FortiGuard* > *Packages* > *Receive Status* is synchronized in an HA cluster. This means that the package version selected for deployment on the primary device will persist during a failover event. For more information on the *To Be Deployed Version* setting, see the FortiManager Administration Guide.

When upgrading an operating FortiManager cluster to version 7.6.2, please review *To Be Deployed Version* settings for each cluster member before proceeding with the upgrade to ensure there is no unintended impact when the settings are synchronized. If the *To Be Deployed Version* package is not available on the secondary FortiManager, the secondary FortiManager will stay at the latest package to be installed.

The names of policies derived from policy blocks no longer automatically include the policy block name

Previously, when a policy was derived from a "policy block," its name was automatically prefixed with the policy block name, ensuring unique names but sometimes exceeding the 35-character limit in the policy package. To address this, the renaming behavior has been removed, and policies now retain their original names without policy block prefixes, avoiding the character limit issue.

After the fix, FortiManager may encounter duplicate policy names if multiple policy blocks previously contained policies with the same base name. Since FortiManager requires unique policy names for proper management, this duplication can break the installation or functionality of policies. To resolve this, customers may need to manually identify and rename all conflicting policies after upgrading.

FortiManager support for updated FortiOS private data encryption key

With the introduction of FortiOS 7.6.1, Fortinet has updated the `private-data-encryption` key feature. Administrators are no longer required to manually input a 32-digit hexadecimal `private-data-encryption` key. Instead administrators simply enable the command, and a random `private-data-encryption` key is generated.

Previous FortiOS CLI behavior

```
config system global
    set private-data-encryption enable
end
Please type your private data encryption key (32 hexadecimal numbers):
12345678901234567890123456789abc
Please re-enter your private data encryption key (32 hexadecimal numbers) again:
12345678901234567890123456789abc
Your private data encryption key is accepted.
```

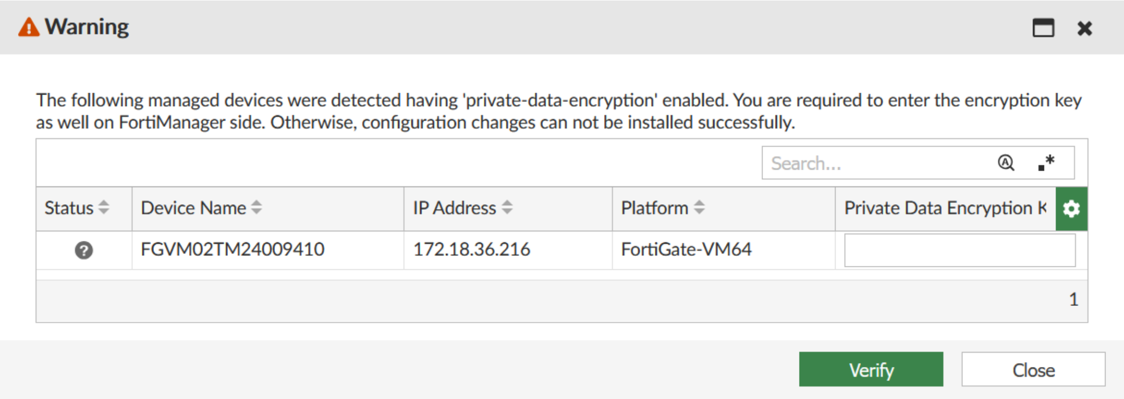
New FortiOS CLI behavior

```
config system global
    set private-data-encryption enable
end
This operation will generate a random private data encryption key!
Previous config files encrypted with the system default key cannot be restored after this
operation!
Do you want to continue? (y/n)y

Private data encryption key generation succeeded!
```

FortiManager behavior

Support for the FortiGate `private-data-encryption` key by the *Device Manager* in FortiManager 7.6.2 and earlier is unchanged. It automatically detects the remote FortiGate `private-data-encryption` key status and prompts the administrator to manually type the private key (see picture below). FortiManager 7.6.2 and earlier does not support the updated, random `private-data-encryption` key as the administrator will have no knowledge of the key generated in the FortiOS CLI command above. It will be supported in a later version of FortiManager.



Warning

The following managed devices were detected having 'private-data-encryption' enabled. You are required to enter the encryption key as well on FortiManager side. Otherwise, configuration changes can not be installed successfully.

Status	Device Name	IP Address	Platform	Private Data Encryption K
?	FGVM02TM24009410	172.18.36.216	FortiGate-VM64	

FortiOS upgrade behavior

If in FortiOS 7.4.5 or 7.6.0 the 32-digit hexadecimal private key is enabled, and then the FortiGate device is upgraded to 7.6.1, the 32-digit hexadecimal `private-data-encryption` key is preserved. As a result, FortiManager 7.6.2 and earlier is aware of the 32-digit hexadecimal `private-data-encryption` key and can continue to manage the FortiGate device. However, if the `private-data-encryption` key is enabled after an upgrade of FortiOS to 7.6.1, FortiManager 7.6.2 and earlier no longer can manage FortiGate devices running FortiOS 7.6.1.

FortiSASE is currently not compatible on FortiManager 7.6

The latest release of FortiSASE is not compatible with FortiManager 7.6. Compatibility is available for FortiManager 7.4. For more information, see the FortiSASE Release Notes.

Shell access has been removed

As of FortiManager 7.6.0, shell access has been removed.

The following CLI variables have been removed, which were previously used to enable shell access:

```
config system admin setting
   set shell-access {enable | disable}
   set shell-password <passwd>
```

The following CLI command has been removed, which was previously used to access shell when enabled:

```
execute shell
```

Enable fcp-cfg-service for Backup Mode ADOMs

When performing a configuration backup from the CLI of FortiGates managed by FortiManager in Backup Mode ADOMs, you must enable the "`fcp-cfg-service`" using the following command on the FortiManager:

```
config system global
```

```
      set fcp-cfg-service enable
   end
```

System Templates include new fields

Beginning in FortiManager 7.4.3, the *Hostname*, *Timezone*, *gui-device-latitude*, and *gui-device-longitude* fields have been added to System Templates.

System Templates created before upgrading to 7.4.3 must be reconfigured to specify these fields following the upgrade. If these fields are not specified in a System Template, the default settings will be applied the next time an install is performed which may result in preferred settings being overwritten on the managed device.

Custom certificate name verification for FortiGate connection

In FortiManager 7.6.2, the `fgfm-peercert-withoutsn` setting has been removed, so there is no method to disable this verification. The FortiGate certificate must contain the FortiGate serial number in either the CN or SAN.

FortiManager 7.4.3 introduces a new verification of the CN or SAN of a custom certificate uploaded by the FortiGate admin. This custom certificate is used when a FortiGate device connects to a FortiManager unit. The FortiGate and FortiManager administrators may configure the use of a custom certificate with the following CLI commands:

FortiGate-related CLI:

```
config system central-management
   local-cert Certificate to be used by FGFM protocol.
   ca-cert CA certificate to be used by FGFM protocol.
```

FortiManager-related CLI:

```
config system global
   fgfm-ca-cert set the extra fgfm CA certificates.
   fgfm-cert-exclusive set if the local or CA certificates should be used exclusively.
   fgfm-local-cert set the fgfm local certificate.
```

Upon upgrading to FortiManager 7.4.3, FortiManager will request that the FortiGate certificate must contain the FortiGate serial number either in the CN or SAN. The tunnel connection may fail if a matching serial number is not found. If the tunnel connection fails, the administrator may need to re-generate the custom certificates to include serial number.

Additional configuration required for SSO users

Beginning in 7.4.3, additional configuration is needed for FortiManager Users declared as wildcard SSO users.

When configuring Administrators as wildcard SSO users, the `ext-auth-accprofile-override` and/or `ext-auth-adom-override` features, under *Advanced Options*, should be enabled if the intent is to obtain the ADOMs list and/or permission profile from the SAML IdP.

When using VPN Manager, IPSEC VPN CA certificates must be re-issued to all devices after upgrade

When FortiManager is upgraded to 7.4.2/7.6.0 or later, it creates a new CA <ADOM Name>_CA3 certificate as part of a fix for resolved issue 796858. See Resolved Issues in the FortiManager 7.4.2 Release Notes. These certificates are installed to the FortiGate devices on the next policy push. As a result, the next time any IPSEC VPNs which use FortiManager certificates rekey, they will fail authentication and be unable to re-establish.

The old CA <ADOM Name>_CA2 cannot be deleted, as existing certificates rely on it for validation. Similarly, the new CA <ADOM Name>_CA3 cannot be deleted as it is required for the fix. Therefore, customers affected by this change must follow the below workaround after upgrading FortiManager to v7.4.2/7.6.0 or later.

A maintenance period is advised to avoid IPSEC VPN service disruption.

Workaround:

Re-issue *all* certificates again to *all* devices, and then delete the old CA <ADOM Name>_CA2 from all devices. Next, regenerate the VPN certificates.

To remove CA2 from FortiManager, *Policy & Objects* > *Advanced* > *CA Certificates* must be enabled in feature visibility.

FortiGuard web filtering category v10 update

Fortinet has updated its web filtering categories to v10, which includes two new URL categories for AI chat and cryptocurrency web sites. In order to use the new categories, customers must upgrade their Fortinet products to one of the versions below.

- FortiManager - Fixed in 6.0.12, 6.2.9, 6.4.7, 7.0.2, 7.2.0, 7.4.0.
- FortiOS - Fixed in 7.2.8 and 7.4.1.
- FortiClient - Fixed in Windows 7.2.3, macOS 7.2.3, Linux 7.2.3.
- FortiClient EMS - Fixed in 7.2.1.
- FortiMail - Fixed in 7.0.7, 7.2.5, 7.4.1.
- FortiProxy - Fixed in 7.4.1.

Please read the following CSB for more information to caveats on the usage in FortiManager and FortiOS.

https://support.fortinet.com/Information/Bulletin.aspx

FortiManager 7.2.3 and later firmware on FortiGuard

Starting in FortiManager 7.2.1, a setup wizard executes to prompt the user for various configuration steps and registration with FortiCare. During the execution, the FortiManager unit attempts to communicate with FortiGuard for a list of FortiManager firmware images currently available on FortiGuard – older and newer.

In the case of FortiManager 7.2.2, a bug in the GUI prevents the wizard from completing and prevents the user from accessing the FortiManager unit. The issue has been fixed in 7.2.3 and later and a CLI command has been added to bypass the setup wizard at login time.

```
config system admin setting
   set firmware-upgrade-check disable
end
```

Fortinet has not uploaded FortiManager 7.2.3 and later firmware to FortiGuard in order to work around the GUI bug, however, the firmware is available for download from the Fortinet Support website.

Configuration backup requires a password

As of FortiManager 7.4.2, configuration backup files are automatically encrypted and require you to set a password. The password is required for scheduled backups as well.

In previous versions, the encryption and password were optional.

For more information, see the FortiManager Administration Guide.

FortiManager-400E support

FortiManager 7.4.2 and later does not support the FortiManager-400E device.

FortiManager 7.4.2 introduces an upgrade of the OpenSSL library to address known vulnerabilities in the library. As a result, the SSL connection that is setup between the FortiManager-400E device and the Google Map server hosted by Fortinet uses a SHA2 (2048) public key length. The certificate stored on the BIOS that is used during the setup of the SSL connection contains a SHA1 public key length, which causes the connection setup to fail. Running the following command shows the key length.

```
FMG400E # conf sys certificate local
   (local)# ed Fortinet_Local
      (Fortinet_Local)# get
      name : Fortinet_Local
      password : *
      comment : Default local certificate
      private-key :
      certificate :
      Subject: C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = FortiManager, CN
           = FL3K5E3M15000074, emailAddress = support@fortinet.com
      Issuer: C = US, ST = California, L = Sunnyvale, O = Fortinet, OU = Certificate
           Authority, CN = support, emailAddress = support@fortinet.com
      Valid from: 2015-03-06 16:22:10 GMT
      Valid to: 2038-01-19 03:14:07 GMT
      Fingerprint: FC:D0:0C:8D:DC:57:B6:16:58:DF:90:22:77:6F:2C:1B
      Public key: rsaEncryption (1024 bits)
      Signature: sha1WithRSAEncryption
      Root CA: No
      Version: 3
      Serial Num:
      1e:07:7a
      Extension 1: X509v3 Basic Constraints:
      CA:FALSE
      ...
(Fortinet_Local)#
```

Serial console has changed for FortiManager deployments on Xen

As of FortiManager 7.4.1, the serial console for Xen deployments has changed from hvc0 (Xen specific) to ttyS0 (standard).

OpenXen in PV mode is not supported in FortiManager 7.4.1

As of FortiManager 7.4.1, kernel and rootfs are encrypted. OpenXen in PV mode tries to unzip the kernel and rootfs, but it will fail. Therefore, OpenXen in PV mode cannot be used when deploying or upgrading to FortiManager 7.4.1. Only HVM (hardware virtual machine) mode is supported for OpenXen in FortiManager 7.4.1.

Option to enable permission check when copying policies

As of 7.4.0, a new command is added in the CLI:

```
config system global
   set no-copy-permission-check {enable | disable}
end
```

By default, this is set to `disable`. When set to `enable`, a check is performed when copying policies to prevent changing global device objects if the user does not have permission.

Install On column for policies

Prior to version 7.2.3, the 'Install-on' column for policies in the policy block had no effect. However, starting from version 7.2.3, the 'Install-on' column is operational and significantly impacts the behavior and installation process of policies. It's important to note that using 'Install-on' on policies in the policy block is not recommended. If required, this setting can only be configured through a script or JSON APIs.

Changes to FortiManager meta fields

Beginning in 7.2.0, FortiManager supports policy object metadata variables.

When upgrading from FortiManager 7.0 to 7.2.0 and later, FortiManager will automatically create ADOM-level metadata variable policy objects for meta fields previously configured in System Settings that have per-device mapping configurations detected. Objects using the meta field, for example CLI templates, are automatically updated to use the new metadata variable policy objects.

Meta fields in *System Settings* can continue to be used as comments/tags for configurations.

For more information, see ADOM-level meta variables for general use in scripts, templates, and model devices.

View Mode is disabled in policies when policy blocks are used

When policy blocks are added to a policy package, the *View Mode* option is no longer available, and policies in the table cannot be arranged by *Interface Pair View*. This occurs because policy blocks typically contain policies with multiple interfaces, however, *View Mode* is still disabled even when policy blocks respect the interface pair.

Reconfiguring Virtual Wire Pairs (VWP)

A conflict can occur between the ADOM database and device database when a Virtual Wire Pair (VWP) is installed on a managed FortiGate that already has a configured VWP in the device database. This can happen when an existing VWP has been reconfigured or replaced.

Before installing the VWP, you must first remove the old VWP from the device's database, otherwise a policy and object validation error may occur during installation. You can remove the VWP from the device database by going to *Device Manager* > *Device & Groups*, selecting the managed device, and removing the VWP from *System* > *Interface*.

Citrix XenServer default limits and upgrade

Citrix XenServer limits ramdisk to 128M by default. However the FMG-VM64-XEN image is larger than 128M. Before updating to FortiManager 6.4, increase the size of the ramdisk setting on Citrix XenServer.

To increase the size of the ramdisk setting:

1. On Citrix XenServer, run the following command:
   ```
   xenstore-write /mh/limits/pv-ramdisk-max-size 536,870,912
   ```
2. Confirm the setting is in effect by running `xenstore-ls`.
   ```
   ----------------------
   limits = ""
   pv-kernel-max-size = "33554432"
   pv-ramdisk-max-size = "536,870,912"
   boot-time = ""
   --------------------------
   ```
3. Remove the pending files left in `/run/xen/pygrub`.

The ramdisk setting returns to the default value after rebooting.

Multi-step firmware upgrades

Prior to using the FortiManager to push a multi-step firmware upgrade, confirm the upgrade path matches the path outlined on our support site. To confirm the path, please run:

```
dia fwmanager show-dev-upgrade-path <device name> <target firmware>
```

Alternatively, you can push one firmware step at a time.

Hyper-V FortiManager-VM running on an AMD CPU

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

Upgrade Information

Prior to upgrading your FortiManager, please review the FortiManager Upgrade Guide in detail as it includes all of the necessary steps and associated details required to upgrade your FortiManager device or VM, including recommended upgrade paths.

See the *FortiManager Upgrade Guide* in the Fortinet Document Library.

Before upgrading FortiManager, check ADOM versions. Check the ADOM versions supported by the destination firmware and the current firmware. If the current firmware uses ADOM versions not supported by the destination firmware, upgrade ADOM versions in FortiManager before upgrading FortiManager to the destination firmware version.

For example, FortiManager 7.4 supports ADOM versions 7.0, 7.2, and 7.4, but FortiManager 7.6 supports ADOM versions 7.2, 7.4, and 7.6. Before you upgrade FortiManager 7.4 to 7.6, ensure that all ADOM 7.0 versions have been upgraded to ADOM version 7.2 or later. See the *FortiManager Upgrade Guide* in the Fortinet Document Library.

This section contains the following topics:

Downgrading to previous firmware versions

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

```
execute reset {all-settings | all-except-ip}
execute format {disk | disk-ext4 | disk-ext3}
```

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. After logging in, go to *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

FortiManager VM firmware

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

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 FortiManager VM installation.
- `.out.OpenXen.zip`: Download the 64-bit package for a new FortiManager 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 FortiManager VM installation. This package contains the Citrix XenServer Virtual Appliance (XVA), Virtual Hard Disk (VHD), and OVF files.

Google Cloud Platform

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

Linux KVM

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiManager VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiManager 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 `<product>_VM64_AZURE-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiManager VM installation.

Microsoft Hyper-V Server

The files for Microsoft Hyper-V Server have HV in the filenames, for example, `<product>_VM64_HV-v<number>-build<number>-FORTINET.out.hyperv.zip`.

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

Microsoft Hyper-V 2016 is supported.

Oracle Private Cloud

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

VMware ESX/ESXi

- `.out`: Download 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 Data Sheet available on the Fortinet web site. VM installation guides are available in the Fortinet Document Library.

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 FortiManager version 5.00 file folder.

Product Integration and Support

This section lists FortiManager 7.6.3 support of other Fortinet products. It also identifies what FortiManager features are supported for managed platforms and what languages FortiManager supports. It also lists which Fortinet models can be managed by FortiManager.

The section contains the following topics:

- Supported software on page 23
- Feature support on page 29
- Language support on page 30
- Supported models on page 31
- FortiExtender MODEM firmware compatibility on page 48

Supported software

FortiManager 7.6.3 supports the following software:

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- FortiOS and FortiOS Carrier on page 24
- FortiADC on page 24
- FortiAnalyzer on page 25
- FortiAnalyzer-BigData on page 25
- FortiAuthenticator on page 25
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- FortiSwitch ATCA on page 28
- FortiTester on page 28
- FortiToken on page 28
- FortiWeb on page 28
- Virtualization on page 29

To confirm that a device model or firmware version is supported by the current firmware version running on FortiManager, run the following CLI command:

```
diagnose dvm supported-platforms list
```

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

Web browsers

FortiManager 7.6.3 supports the following web browsers:

- Google Chrome version 135
- Microsoft Edge version 135
- Mozilla Firefox 138

Other web browsers may function correctly, but are not supported by Fortinet.

FortiOS and FortiOS Carrier

The *FortiManager Release Notes* communicate support for FortiOS versions that are available at the time of the FortiManager 7.6.3 release. For additional information about other supported FortiOS versions, please refer to the FortiManager compatibility chart in the Fortinet Document Library.

See FortiManager compatibility with FortiOS.

FortiManager 7.6.3 supports the following versions of FortiOS and FortiOS Carrier:

- 7.6.0 to 7.6.3
- 7.4.0 to 7.4.7
- 7.2.0 to 7.2.11
- 7.0.0 to 7.0.17

FortiADC

FortiManager 7.6.3 supports the following versions of FortiADC:

- 7.6.0 and later
- 7.4.0 and later
- 7.2.0 and later
- 7.1.0 and later

FortiAnalyzer

FortiManager 7.6.3 supports the following versions of FortiAnalyzer:

- 7.6.0 and later
- 7.4.0 and later
- 7.2.0 and later
- 7.0.0 and later

FortiAnalyzer-BigData

FortiManager 7.6.3 supports the following versions of FortiAnalyzer-BigData:

- 7.2.0 and later
- 7.0.0 and later

FortiAuthenticator

FortiManager 7.6.3 supports the following versions of FortiAuthenticator:

- 6.6.0 and later
- 6.5.0 and later
- 6.4.0 and later
- 6.3.0 and later

FortiCache

FortiManager 7.6.3 supports the following versions of FortiCache:

- 4.2.0 and later
- 4.1.0 and later
- 4.0.0 and later

FortiCASB

FortiManager 7.6.3 supports the following versions of FortiCASB:

- 23.2.0 and later

FortiClient

FortiManager 7.6.3 supports the following versions of FortiClient:

- 7.4.0 and later
- 7.2.0 and later
- 7.0.0 and later
- 6.4.0 and later

FortiDDoS

FortiManager 7.6.3 supports the following versions of FortiDDoS:

- 7.0.0 and later
- 6.6.0 and later
- 6.5.0 and later
- 6.4.0 and later
- 6.3.0 and later
- 6.2.0 and later
- 6.1.0 and later
- 5.7.0 and later
- 5.6.0 and later

Limited support. For more information, see Feature support on page 29.

FortiDeceptor

FortiManager 7.6.3 supports the following versions of FortiDeceptor:

- 6.1.0 and later
- 6.0.0 and later
- 5.3.0 and later
- 5.2.0 and later
- 5.1.0 and later
- 5.0.0 and later
- 4.3.0 and later

FortiFirewall and FortiFirewallCarrier

FortiManager 7.6.3 supports the following versions of FortiFirewall and FortiFirewallCarrier:

- 7.4.0 and later
- 7.2.0 and later
- 7.0.0 and later

FortiMail

FortiManager 7.6.3 supports the following versions of FortiMail:

- 7.6.0 and later
- 7.4.0 and later
- 7.2.0 and later
- 7.0.0 and later

FortiPAM

FortiManager 7.6.3 supports the following versions of FortiPAM:

- 1.4.0 and later
- 1.3.0 and later
- 1.2.0 and later
- 1.1.0 and later
- 1.0.0 and later

FortiProxy

FortiManager 7.6.3 supports configuration management for the following versions of FortiProxy:

- 7.6.2
- 7.4.0 to 7.4.3, and 7.4.5 to 7.4.8
- 7.2.2, 7.2.3, 7.2.7, and 7.2.9 to 7.2.13
- 7.0.7 to 7.0.20

Configuration management support is identified as *Management Features* in these release notes. See Feature support on page 29.

FortiManager 7.6.3 supports logs from the following versions of FortiProxy:

- 7.6.0 to 7.6.2
- 7.4.0 to 7.4.8
- 7.2.0 to 7.2.13
- 7.0.0 to 7.0.20
- 2.0.0 to 2.0.5
- 1.2.0 to 1.2.13
- 1.1.0 to 1.1.6
- 1.0.0 to 1.0.7

FortiSandbox

FortiManager 7.6.3 supports the following versions of FortiSandbox:

- 5.0.0 and later
- 4.4.0 and later
- 4.2.0 and later
- 4.0.0 and 4.0.1
- 3.2.0 and later

FortiSOAR

FortiManager 7.6.3 supports the following versions of FortiSOAR:

- 7.6.0 and later
- 7.5.0 and later
- 7.4.0 and later
- 7.3.0 and later
- 7.2.0 and later

FortiSRA

FortiManager 7.6.3 supports the following versions of FortiSRA:

- 1.1.0 and later
- 1.0.0 and later

FortiSwitch ATCA

FortiManager 7.6.3 supports the following versions of FortiSwitch ATCA:

- 5.2.0 and later
- 5.0.0 and later
- 4.3.0 and later

FortiTester

FortiManager 7.6.3 supports the following versions of FortiTester:

- 7.4.0 and later
- 7.3.0 and later
- 7.2.0 and later
- 7.1.0 and later

FortiToken

FortiManager 7.6.3 supports the following versions of FortiToken:

- 3.0.0 and later

FortiWeb

FortiManager 7.6.3 supports the following versions of FortiWeb:

- 7.6.0 and later
- 7.4.0 and later

- 7.2.0 and later
- 7.0.0 and later

Virtualization

FortiManager 7.6.3 supports the following virtualization software:

Public Cloud

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- Alibaba Cloud
- Google Cloud Platform
- IBM Cloud
- Microsoft Azure
- Oracle Cloud Infrastructure

Private Cloud

- Citrix XenServer 8.2 and later
- OpenSource XenServer 4.2.5
- Microsoft Hyper-V Server 2016, 2019, and 2022
- Nutanix
  - AHV 20220304 and later
  - AOS 6.5 and later
  - NCC 4.6 and later
  - LCM 3.0 and later
- RedHat 9.1
  - Other versions and Linux KVM distributions are also supported
- VMware ESXi versions 6.5 and later

Feature support

The following table lists FortiManager feature support for managed platforms.

Platform	Management Features	FortiGuard Update Services	VM License Activation	Reports	Logging
FortiGate	✓	✓	✓	✓	✓
FortiCarrier	✓	✓	✓	✓	✓
FortiADC		✓	✓		

Platform	Management Features	FortiGuard Update Services	VM License Activation	Reports	Logging
FortiAnalyzer			✓	✓	✓
FortiAuthenticator					✓
FortiCache			✓	✓	✓
FortiClient		✓		✓	✓
FortiDDoS			✓	✓	✓
FortiDeceptor		✓			
FortiFirewall	✓				✓
FortiFirewall Carrier	✓				✓
FortiMail		✓	✓	✓	✓
FortiProxy	✓	✓	✓	✓	✓
FortiSandbox		✓	✓	✓	✓
FortiSOAR		✓	✓		
FortiSwitch ATCA	✓				
FortiTester		✓			
FortiWeb		✓	✓	✓	✓
Syslog					✓

Language support

The following table lists FortiManager language support information.

Language	GUI	Reports
English	✓	✓
Chinese (Simplified)	✓	✓
Chinese (Traditional)	✓	✓
French	✓	✓
Japanese	✓	✓
Korean	✓	✓
Portuguese		✓
Spanish		✓

To change the FortiManager language setting, go to *System Settings* > *Admin* > *Admin Settings*, in *Administrative Settings* > *Language* select the desired language on the drop-down menu. 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 *FortiManager Administration Guide.*

Supported models

The following tables list which FortiGate, FortiCarrier, FortiDDoS, FortiAnalyzer, FortiMail, FortiSandbox, FortiSwitch ATCA, FortiWeb, FortiCache, FortiProxy, FortiAuthenticator, and other Fortinet product models and firmware versions can be managed by a FortiManager or send logs to a FortiManager running version 7.6.3.

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 32
- FortiGate special branch models on page 35
- FortiCarrier models on page 37
- FortiCarrier special branch models on page 39
- FortiADC models on page 40
- FortiAnalyzer models on page 40
- FortiAnalyzer-BigData models on page 41
- FortiAuthenticator models on page 42
- FortiCache models on page 42
- FortiDDoS models on page 42
- FortiDeceptor models on page 43
- FortiFirewall models on page 43
- FortiFirewallCarrier models on page 44
- FortiMail models on page 45
- FortiPAM models on page 45
- FortiProxy models on page 45
- FortiSandbox models on page 46
- FortiSOAR models on page 46
- FortiSwitch ATCA models on page 47
- FortiTester models on page 47
- FortiWeb models on page 47

FortiGate models

The following FortiGate models are released with FortiOS firmware. For information about supported FortiGate models on special branch releases of FortiOS firmware, see FortiGate special branch models on page 35.

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60F, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90G, FortiGate-91G, FortiGate-100F, FortiGate-101F, FortiGate-120G, FortiGate-121G, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300E, FortiGate-301E, FortiGate-400E, FortiGate-400F, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-401F, FortiGate-500E, FortiGate-501E, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-900G, FortiGate-901G, FortiGate-1000D, FortiGate-1000F, FortiGate-1001F, FortiGate-1100E, FortiGate-1101E, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3200F, FortiGate-3201F, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3600E-DC, FortiGate-3601E, FortiGate-3700D, FortiGate-3700F, FortiGate-3701F, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F, FortiGate-4800F, FortiGate-4801F **FortiGate 5000 Series:** FortiGate-5001E, FortiGate-5001E1 **FortiGate 6000 Series**: FortiGate-6000F, FortiGate-6001F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC **FortiGate 7000 Series**: FortiGate-7000E, FortiGate-7000F, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC, FortiGate-7081F, FortiGate-7081F-DC, FortiGate-7081F-2-DC, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC **FortiGate DC:** FortiGate-400F-DC, FortiGate-401E-DC, FortiGate-401F-DC, FortiGate-800D-DC, FortiGate-900G-DC, FortiGate-901G-DC, FortiGate-1100E-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-ACDC, FortiGate-3000F-DC, FortiGate-3001F-ACDC, FortiGate-3001F-DC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3700D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC, FortiGate-4800F-DC, FortiGate-4801F-DC **FortiWiFi:** FWF-40F, FWF-40F-3G4G, FWF-60F, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-80F-2R-3G4G-DSL, FWF-81F-2R-3G4G-DSL, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE **FortiGate VM:** FortiGate-ARM64-AWS, FortiGate-ARM64-Azure, FortiGate-ARM64-GCP, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-Xen **FortiGate Rugged:** FGR-60F, FGR-60F-3G4G, FGR-70F, FGR-70F-3G4G	7.6

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-DSL, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-90G, FortiGate-91E, FortiGate-91G, FortiGate-100F, FortiGate-101F, FortiGate-120G, FortiGate-121G, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300E, FortiGate-301E, FortiGate-400E, FortiGate-400F, FortiGate-400E-Bypass, FortiGate-401E, FortiGate-401F, FortiGate-500E, FortiGate-501E, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-900G, FortiGate-901G, FortiGate-1000D, FortiGate-1000F, FortiGate-1001F, FortiGate-1100E, FortiGate-1101E, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3200F, FortiGate-3201F, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3600E-DC, FortiGate-3601E, FortiGate-3700D, FortiGate-3700F, FortiGate-3701F, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F, FortiGate-4800F, FortiGate-4801F **FortiGate 5000 Series:** FortiGate-5001E, FortiGate-5001E1 **FortiGate 6000 Series**: FortiGate-6000F, FortiGate-6001F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC **FortiGate 7000 Series**: FortiGate-7000E, FortiGate-7000F, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC, FortiGate-7081F, FortiGate-7081F-DC, FortiGate-7081F-2-DC, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC **FortiGate DC:** FortiGate-400F-DC, FortiGate-401E-DC, FortiGate-401F-DC, FortiGate-800D-DC, FortiGate-900G-DC, FortiGate-901G-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3000F-ACDC, FortiGate-3001F-DC, FortiGate-3001F-ACDC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC **FortiWiFi:** FWF-40F, FWF-40F-3G4G, FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-80F-2R-3G4G-DSL, FWF-81F-2R-3G4G-DSL, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE **FortiGate VM:** FortiGate-ARM64-AWS, FortiGate-ARM64-Azure, FortiGate-ARM64-GCP, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-Xen **FortiGate Rugged:** FGR-60F, FGR-60F-3G4G, FGR-70F, FGR-70F-3G4G	7.4

Model	Firmware Version
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-70G, FortiGate-70G-POE, FortiGate-71F, FortiGate-71G, FortiGate-71G-POE, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-DSL, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90G, FortiGate-91E, FortiGate-91G, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-120G, FortiGate-121G, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300E, FortiGate-301E, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-400F, FortiGate-401E, FortiGate-401F, FortiGate-500E, FortiGate-501E, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-900G, FortiGate-901G, FortiGate-1000D, FortiGate-1000F, FortiGate-1001F, FortiGate-1100E, FortiGate-1101E, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3200F, FortiGate-3201F, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3700F, FortiGate-3701F, FortiGate-3800D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F, FortiGate-4800F, FortiGate-4801F **FortiGate 5000 Series:** FortiGate-5001E, FortiGate-5001E1 **FortiGate 6000 Series**: FortiGate-6000F, FortiGate-6001F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC **FortiGate 7000 Series**: FortiGate-7000E, FortiGate-7000F, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC, FortiGate-7081F, FortiGate-7081F-DC, FortiGate-7081F-2-DC, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC **FortiGate DC:** FortiGate-400F-DC, FortiGate-401E-DC, FortiGate-401F-DC, FortiGate-800D-DC, FortiGate-900G-DC, FortiGate-901G-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3000F-ACDC, FortiGate-3001F-DC, FortiGate-3001F-ACDC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC, FortiGate-4800F-DC, FortiGate-4801F-DC **FortiWiFi:** FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-70G, FWF-71G, FWF-80F-2R, FWF-80F-2R-3G4G-DSL, FWF-81F-2R, FWF-81F-2R-3G4G-DSL, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE **FortiGate VM:** FortiGate-ARM64-AWS, FortiGate-ARM64-Azure, FortiGate-ARM64-GCP, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager	7.2

Model	Firmware Version
FortiOS-VM: FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen **FortiGate Rugged:** FGR-60F, FGR-60F-3G4G, FGR-70F, FGR-70F-3G4G	
FortiGate: FortiGate-40F, FortiGate-40F-3G4G, FortiGate-60E, FortiGate-60E-DSL, FortiGate-60E-DSLJ, FortiGate-60E-POE, FortiGate-60F, FortiGate-61E, FortiGate-61F, FortiGate-70F, FortiGate-71F, FortiGate-80E, FortiGate-80E-POE, FortiGate-80F, FortiGate-80F-Bypass, FortiGate-80F-POE, FortiGate-81E, FortiGate-81E-POE, FortiGate-81F, FortiGate-81F-POE, FortiGate-90E, FortiGate-91E, FortiGate-100E, FortiGate-100EF, FortiGate-100F, FortiGate-101E, FortiGate-101F, FortiGate-140E, FortiGate-140E-POE, FortiGate-200E, FortiGate-200F, FortiGate-201E, FortiGate-201F, FortiGate-300D, FortiGate-300E, FortiGate-301E, FortiGate-400D, FortiGate-400E, FortiGate-400E-Bypass, FortiGate-400F, FortiGate-401E, FortiGate-401F, FortiGate-500D, FortiGate-500E, FortiGate-501E, FortiGate-600D, FortiGate-600E, FortiGate-600F, FortiGate-601E, FortiGate-601F, FortiGate-800D, FortiGate-900D, FortiGate-1000D, FortiGate-1100E, FortiGate-1101E, FortiGate-1200D, FortiGate-1500D, FortiGate-1500DT, FortiGate-1800F, FortiGate-1801F, FortiGate-2000E, FortiGate-2200E, FortiGate-2201E, FortiGate-2500E, FortiGate-2600F, FortiGate-2601F, FortiGate-3000D, FortiGate-3000F, FortiGate-3001F, FortiGate-3100D, FortiGate-3200D, FortiGate-3300E, FortiGate-3301E, FortiGate-3400E, FortiGate-3401E, FortiGate-3500F, FortiGate-3501F, FortiGate-3600E, FortiGate-3601E, FortiGate-3700D, FortiGate-3800D, FortiGate-3810D, FortiGate-3815D, FortiGate-3960E, FortiGate-3980E, FortiGate-4200F, FortiGate-4201F, FortiGate-4400F, FortiGate-4401F, **FortiGate 5000 Series:** FortiGate-5001D, FortiGate-5001E, FortiGate-5001E1 **FortiGate DC:** FortiGate-400F-DC, FortiGate-401E-DC, FortiGate-401F-DC, FortiGate-800D-DC, FortiGate-1100E-DC, FortiGate-1500D-DC, FortiGate-1800F-DC, FortiGate-1801F-DC, FortiGate-2201E-ACDC, FortiGate-2600F-DC, FortiGate-2601F-DC, FortiGate-3000D-DC, FortiGate-3000F-DC, FortiGate-3000F-ACDC, FortiGate-3001F-DC, FortiGate-3001F-ACDC, FortiGate-3100D-DC, FortiGate-3200D-DC, FortiGate-3400E-DC, FortiGate-3401E-DC, FortiGate-3600E-DC, FortiGate-3700D-DC, FortiGate-3800D-DC, FortiGate-3810D-DC, FortiGate-3815D-DC, FortiGate-3960E-ACDC, FortiGate-3960E-DC, FortiGate-3980E-DC, FortiGate-4200F-DC, FortiGate-4201F-DC, FortiGate-4400F-DC, FortiGate-4401F-DC **FortiWiFi:** FWF-60E, FWF-60E-DSL, FWF-60E-DSLJ, FWF-60F, FWF-61E, FWF-61F, FWF-80F-2R, FWF-81F-2R, FWF-81F-2R-3G4G-POE, FWF-81F-2R-POE **FortiGate VM:** FortiGate-ARM64-AWS, FortiGate-ARM64-KVM, FortiGate-ARM64-OCI, FortiGate-VM64, FortiGate-VM64-ALI, FortiGate-VM64-AWS, FortiGate-VM64-Azure, FortiGate-VM64-GCP, FortiGate-VM64-HV, FortiGate-VM64-IBM, FortiGate-VM64-KVM, FortiGate-VM64-OPC, FortiGate-VM64-RAXONDEMAND, FortiGate-VM64-XEN, FortiGate-VMX-Service-Manager **FortiOS-VM:** FOS-VM64, FOS-VM64-HV, FOS-VM64-KVM, FOS-VM64-Xen **FortiGate Rugged:** FGR-60F, FGR-60F-3G4G	7.0

FortiGate special branch models

The following FortiGate models are released on special branches of FortiOS. FortiManager version 7.6.3 supports these models on the identified FortiOS version and build number.

For information about supported FortiGate models released with FortiOS firmware, see FortiGate models on page 32.

FortiOS 7.4

FortiGate Model	FortiOS Version
FortiGateRugged-50G-5G	7.4.7

FortiOS 7.2

FortiGate Model	FortiOS Version
FortiGate-30G, FortiGate-31G	7.2.11
FortiGate-70G, FortiGate-71G	7.2.11
FortiGate-70G-POE, FortiGate-71G-POE	7.2.11
FortiGate-200G, FortiGate-201G	7.2.11
FortiGate-700G, FortiGate-701G	7.2.11
FortiWiFi-30G, FortiWiFi-31G	7.2.11
FortiWiFi-70G, FortiWiFi-70G-POE, FortiWiFi-71G	7.2.11

FortiOS 7.0

FortiGate Model	FortiOS Version
FortiGate-50G, FortiGate-50G-5G, FortiGate-50G-DSL, FortiGate-50G-SFP, FortiGate-50G-SFP-POE	7.0.17
FortiGate-51G, FortiGate-51G-5G, FortiGate-51G-SFP-POE	7.0.17
FortiGate-80F-DSL	7.0.17
FortiGate-90G, FortiGate-91G	7.0.17
FortiGate-120G, FortiGate-121G	7.0.16
FortiGate-900G, FortiGate-900G-DC FortiGate-901G, FortiGate-901G-DC	7.0.17
FortiGate-1000F, FortiGate-1001F	7.0.17
FortiGate-3200F, FortiGate-3201F	7.0.17
FortiGate-3700F, FortiGate-3701F	7.0.17
FortiGate-4800F, FortiGate-4800F-DC FortiGate-4801F, FortiGate-4801F-DC	7.0.17

FortiGate Model	FortiOS Version
FortiGate-6000F, FortiGate-6001F, FortiGate-6300F, FortiGate-6300F-DC, FortiGate-6301F, FortiGate-6301F-DC, FortiGate-6500F, FortiGate-6500F-DC, FortiGate-6501F, FortiGate-6501F-DC	7.0.16
FortiGate-7000E, FortiGate-7030E, FortiGate-7040E, FortiGate-7060E, FortiGate-7060E-8-DC	7.0.16
FortiGate-7000F, FortiGate-7081F, FortiGate-7081F-DC, FortiGate-7081F-2-DC, FortiGate-7121F, FortiGate-7121F-2, FortiGate-7121F-2-DC, FortiGate-7121F-DC	7.0.16
FortiGateRugged-50G-5G	7.0.17
FortiGateRugged-70F, FortiGateRugged-70F-3G4G	7.0.17
FortiGateRugged-70G	7.0.15
FortiGateRugged-70G-5G-Dual	7.0.16
FortiWiFi-50G, FortiWiFi-50G-5G, FortiWiFi-50G-DSL, FortiWiFi-50G-SFP	7.0.17
FortiWiFi-51G	7.0.17
FortiWiFi-51G-5G	7.0.15
FortiWiFi-80F-2R-3G4G-DSL, FortiWiFi-81F-2R-3G4G-DSL	7.0.17

FortiCarrier models

The following FortiCarrier models are released with FortiCarrier firmware.

For information about supported FortiCarrier models on special branch releases of FortiCarrier firmware, see FortiCarrier special branch models on page 39.

Model	Firmware Version
FortiCarrier: FortiCarrier-3000D, FortiCarrier-3000F, FortiCarrier-3001F, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3200F, FortiCarrier-3201F, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3700F, FortiCarrier-3701F, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-4400F, FortiCarrier-4401F, FortiCarrier-4800F, FortiCarrier-4801F **FortiCarrier 5000 Series**: FortiCarrier-5001E, FortiCarrier-5001E1 **FortiCarrier 6000 Series**: FortiCarrier-6000F, FortiCarrier-6001F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC **FortiCarrier 7000 Series**: FortiCarrier-7000E, FortiCarrier-7000F, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC, FortiCarrier-7081F, FortiCarrier-7081F-DC, FortiCarrier-7081F-2-DC, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier-7121F-DC	7.6

Model	Firmware Version
FortiCarrier-DC: FortiCarrier-3000D-DC, FortiCarrier-3000F-ACDC, FortiCarrier-3000F-DC, FortiCarrier-3001F-ACDC, FortiCarrier-3001F-DC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC, FortiCarrier-4400F-DC, FortiCarrier-4401F-DC, FortiCarrier-4800F-DC, FortiCarrier-4801F-DC **FortiCarrier-VM**: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-Azure, FortiCarrier-ARM64-GCP, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	
FortiCarrier: FortiCarrier-2600F, FortiCarrier-2601F, FortiCarrier-3000D, FortiCarrier-3000F, FortiCarrier-3001F, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3200F, FortiCarrier-3201F, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3700F, FortiCarrier-3701F, FortiCarrier-3800D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-4400F, FortiCarrier-4401F, FortiCarrier-4800F, FortiCarrier-4801F **FortiCarrier 5000 Series**: FortiCarrier-5001E, FortiCarrier-5001E1 **FortiCarrier 6000 Series**: FortiCarrier-6000F, FortiCarrier-6001F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC **FortiCarrier 7000 Series**: FortiCarrier-7000E, FortiCarrier-7000F, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC, FortiCarrier-7081F, FortiCarrier-7081F-DC, FortiCarrier-7081F-2-DC, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier-7121F-DC **FortiCarrier-DC**: FortiCarrier-2600F-DC, FortiCarrier-2601F-DC, FortiCarrier-3000D-DC, FortiCarrier-3000F-DC, FortiCarrier-3000F-ACDC, FortiCarrier-3001F-DC, FortiCarrier-3001F-ACDC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC, FortiCarrier-4400F-DC, FortiCarrier-4401F-DC **FortiCarrier-VM**: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-Azure, FortiCarrier-ARM64-GCP, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-KVM, FortiCarrier-VM64-IBM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	7.4
FortiCarrier: FortiCarrier-2600F, FortiCarrier-2601F, FortiCarrier-3000D, FortiCarrier-3000F, FortiCarrier-3001F, FortiCarrier-3100D, FortiCarrier-3200D, FortiCarrier-3200F, FortiCarrier-3201F, FortiCarrier-3300E, FortiCarrier-3301E, FortiCarrier-3400E, FortiCarrier-3401E, FortiCarrier-3500F, FortiCarrier-3501F, FortiCarrier-3600E, FortiCarrier-3601E, FortiCarrier-3700D, FortiCarrier-3700F, FortiCarrier-3701F, FortiCarrier-3800D, FortiCarrier-3960E, FortiCarrier-3980E, FortiCarrier-4200F, FortiCarrier-4201F, FortiCarrier-4400F, FortiCarrier-4401F, FortiCarrier-4800F, FortiCarrier-4801F	7.2

Model	Firmware Version
FortiCarrier 5000 Series: FortiCarrier-5001E, FortiCarrier-5001E1 **FortiCarrier 6000 Series**: FortiCarrier-6000F, FortiCarrier-6001F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC **FortiCarrier 7000 Series**: FortiCarrier-7000E, FortiCarrier-7000F, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC, FortiCarrier-7081F, FortiCarrier-7081F-DC, FortiCarrier-7081F-2-DC, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier-7121F-DC **FortiCarrier-DC**: FortiCarrier-2600F-DC, FortiCarrier-2601F-DC, FortiCarrier-3000D-DC, FortiCarrier-3000F-DC, FortiCarrier-3000F-ACDC, FortiCarrier-3001F-DC, FortiCarrier-3001F-ACDC, FortiCarrier-3100D-DC, FortiCarrier-3200D-DC, FortiCarrier-3400E-DC, FortiCarrier-3401E-DC, FortiCarrier-3600E-DC, FortiCarrier-3700D-DC, FortiCarrier-3800D-DC, FortiCarrier-3960E-DC, FortiCarrier-3980E-DC, FortiCarrier-4200F-DC, FortiCarrier-4201F-DC, FortiCarrier-4400F-DC, FortiCarrier-4401F-DC **FortiCarrier-VM**: FortiCarrier-ARM64-AWS, FortiCarrier-ARM64-Azure, FortiCarrier-ARM64-GCP, FortiCarrier-ARM64-KVM, FortiCarrier-ARM64-OCI, FortiCarrier-VM64, FortiCarrier-VM64-ALI, FortiCarrier-VM64-AWS, FortiCarrier-VM64-Azure, FortiCarrier-VM64-GCP, FortiCarrier-VM64-HV, FortiCarrier-VM64-IBM, FortiCarrier-VM64-KVM, FortiCarrier-VM64-OPC, FortiCarrier-VM64-Xen	

FortiCarrier special branch models

The following FortiCarrier models are released on special branches of FortiOS Carrier. FortiManager version 7.6.3 supports these models on the identified FortiOS Carrier version and build number.

For information about supported FortiCarrier models released with FortiOS Carrier firmware, see FortiCarrier models on page 37.

FortiCarrier 7.0

FortiCarrier Model	FortiCarrier Version
FortiCarrier-3200F, FortiCarrier-3201F	7.0.17
FortiCarrier-3700F, FortiCarrier-3701F	7.0.17
FortiCarrier-4800F, FortiCarrier-4800F-DC FortiCarrier-4801F, FortiCarrier-4801F-DC	7.0.17
FortiCarrier-6000F, FortiCarrier-6001F, FortiCarrier-6300F, FortiCarrier-6300F-DC, FortiCarrier-6301F, FortiCarrier-6301F-DC, FortiCarrier-6500F, FortiCarrier-6500F-DC, FortiCarrier-65001F, FortiCarrier-6501F-DC	7.0.16
FortiCarrier-7000E, FortiCarrier-7030E, FortiCarrier-7040E, FortiCarrier-7060E, FortiCarrier-7060E-8-DC	7.0.16

FortiCarrier Model	FortiCarrier Version
FortiCarrier-7000F, FortiCarrier-7081F, FortiCarrier-7081F-DC, FortiCarrier-7081F-2-DC, FortiCarrier-7121F, FortiCarrier-7121F-2, FortiCarrier-7121F-2-DC, FortiCarrier-7121F-DC	7.0.16

FortiADC models

Model	Firmware Version
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-320F, FortiADC-400F, FortiADC-420F, FortiADC-1000F, FortiADC-1200F, FortiADC-2000F, FortiADC-2200F, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F **FortiADC VM**: FortiADC-VM	7.6
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-320F, FortiADC-400D, FortiADC-400F, FortiADC-420F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F **FortiADC VM**: FortiADC-VM	7.4
FortiADC: FortiADC-100F, FortiADC-120F, FortiADC-200D, FortiADC-200F, FortiADC-220F, FortiADC-300D, FortiADC-300F, FortiADC-400D, FortiADC-400F, FortiADC-700D, FortiADC-1000F, FortiADC-1200F, FortiADC-1500D, FortiADC-2000D, FortiADC-2000F, FortiADC-2200F, FortiADC-4000D, FortiADC-4000F, FortiADC-4200F, FortiADC-5000F **FortiADC VM**: FortiADC-VM	7.1, 7.2

FortiAnalyzer models

Model	Firmware Version
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-810G, FortiAnalyzer-1000F, FortiAnalyzer-1000G, FortiAnalyzer-2000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3100G, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3510G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E, FortiAnalyzer-K8S-CLOUD **FortiAnalyzer VM**: FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWS-OnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-KVM-CLOUD, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-VIO-CLOUD, FortiAnalyzer-VM64-Xen	7.6

Model	Firmware Version
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-810G, FortiAnalyzer-1000F, FortiAnalyzer-1000G, FortiAnalyzer-2000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3100G, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3510G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E, FortiAnalyzer-K8S-CLOUD **FortiAnalyzer VM**: FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWS-OnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-KVM-CLOUD, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-VIO-CLOUD, FortiAnalyzer-VM64-Xen	7.4
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-810G, FortiAnalyzer-1000F, FortiAnalyzer-1000G, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3100G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3510G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E, FortiAnalyzer-K8S-CLOUD **FortiAnalyzer VM**: FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-AWS-OnDemand, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-KVM-CLOUD, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-VIO-CLOUD, FortiAnalyzer-VM64-Xen	7.2
FortiAnalyzer: FortiAnalyzer-150G, FortiAnalyzer-200F, FortiAnalyzer-300F, FortiAnalyzer-300G, FortiAnalyzer-400E, FortiAnalyzer-800F, FortiAnalyzer-800G, FortiAnalyzer-810G, FortiAnalyzer-1000F, FortiAnalyzer-1000G, FortiAnalyzer-2000E, FortiAnalyzer-3000E, FortiAnalyzer-3000F, FortiAnalyzer-3000G, FortiAnalyzer-3100G, FortiAnalyzer-3500E, FortiAnalyzer-3500F, FortiAnalyzer-3500G, FortiAnalyzer-3700F, FortiAnalyzer-3700G, FortiAnalyzer-3900E, FortiAnalyzer-K8S-CLOUD **FortiAnalyzer VM**: FortiAnalyzer-VM64, FortiAnalyzer-VM64-ALI, FortiAnalyzer-VM64-ALI-OnDemand, FortiAnalyzer-VM64-AWS, FortiAnalyzer-VM64-Azure, FortiAnalyzer-VM64-Azure-OnDemand, FortiAnalyzer-VM64-GCP, FortiAnalyzer-VM64-GCP-OnDemand, FortiAnalyzer-VM64-HV, FortiAnalyzer-VM64-IBM, FortiAnalyzer-VM64-KVM, FortiAnalyzer-VM64-KVM-CLOUD, FortiAnalyzer-VM64-OPC, FortiAnalyzer-VM64-VIO-CLOUD, FortiAnalyzer-VM64-Xen	7.0

FortiAnalyzer-BigData models

Model	Firmware Version
FortiAnalyzer-BigData: FortiAnalyzer-BigData-4500F **FortiAnalyzer-BigData VM**: FortiAnalyzer-BigData-VM64	7.2
FortiAnalyzer-BigData: FortiAnalyzer-BigData-4500F **FortiAnalyzer-BigData VM**: FortiAnalyzer-BigData-VM64	7.0

FortiAuthenticator models

Model	Firmware Version
FortiAuthenticator: FAC-200E, FAC-300F, FAC-400E, FAC-800F, FAC-2000E, FAC-3000E, FAC-3000F **FortiAuthenticator VM:** FAC-VM	6.6
FortiAuthenticator: FAC-200E, FAC-300F, FAC-400E, FAC-800F, FAC-2000E, FAC-3000E, FAC-3000F **FortiAuthenticator VM:** FAC-VM	6.5
FortiAuthenticator: FAC-200D, FAC-200E, FAC-300F, FAC-400C, FAC-400E, FAC-800F, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E, FAC-3000F **FortiAuthenticator VM:** FAC-VM	6.4
FortiAuthenticator: FAC-200D, FAC-200E, FAC-300F, FAC-400C, FAC-400E, FAC-800F, FAC-1000C, FAC-1000D, FAC-2000E, FAC-3000D, FAC-3000E **FortiAuthenticator VM:** FAC-VM	6.3

FortiCache models

Model	Firmware Version
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3000E, FCH-3900E **FortiCache VM:** FCH-KVM, FCH-VM64	4.1, 4.2
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E **FortiCache VM:** FCH-VM64	4.0

FortiDDoS models

Model	Firmware Version
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F, FortiDDoS-2000F, FortiDDoS-3000F **FortiDDoS VM**: FortiDDoS-VM	6.4, 6.5, 6.6, 7.0
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F, FortiDDoS-2000F **FortiDDoS VM**: FortiDDoS-VM	6.3
FortiDDoS: FortiDDoS-200F, FortiDDoS-1500F **FortiDDoS VM**: FortiDDoS-VM	6.2
FortiDDoS: FortiDDoS-200B, FortiDDoS-400B, FortiDDoS-600B, FortiDDoS-800B, FortiDDoS-900B, FortiDDoS-1000B, FortiDDoS-1200B, FortiDDoS-1500E, FortiDDoS-2000B, FortiDDoS-2000E	5.6, 5.7

FortiDeceptor models

Model	Firmware Version
FortiDeceptor: FDC-100G, FDC-1000F, FDC-1000G **FortiDeceptor Rugged**: FDCR-100G **FortiDeceptor VM**: FDC-VM	5.0, 5.1, 5.2, 5.3, 6.0, 6.1
FortiDeceptor: FDC-1000F, FDC-1000G **FortiDeceptor Rugged**: FDCR-100G **FortiDeceptor VM**: FDC-VM	4.3

FortiFirewall models

Some of the following FortiFirewall models are released on special branches of FortiFirewall firmware. FortiManager version 7.6.3 supports these models on the identified FortiFirewall firmware version and build number.

Model	Firmware Version
FortiFirewall: FortiFirewall-1801F, FortiFirewall-2600F, FortiFirewall-3001F, FortiFirewall-3501F, FortiFirewall-3980E, FortiFirewall-4200F, FortiFirewall-4400F, FortiFirewall-4401F, FortiFirewall-4801F **FortiFirewall DC**: FortiFirewall-3980E-DC, FortiFirewall-4200F-DC, FortiFirewall-4400F-DC, FortiFirewall-4401F-DC **FortiFirewall-VM**: FortiFirewall-VM64, FortiFirewall-VM64-KVM	7.6
FortiFirewall: FortiFirewall-1801F, FortiFirewall-2600F, FortiFirewall-3001F, FortiFirewall-3501F, FortiFirewall-3980E, FortiFirewall-4200F, FortiFirewall-4400F, FortiFirewall-4401F, FortiFirewall-4801F **FortiFirewall DC**: FortiFirewall-3980E-DC, FortiFirewall-4200F-DC, FortiFirewall-4400F-DC, FortiFirewall-4401F-DC **FortiFirewall-VM**: FortiFirewall-VM64, FortiFirewall-VM64-KVM	7.4
FortiFirewall: FortiFirewall-3980E, FortiFirewall-4200F, FortiFirewall-4400F, FortiFirewall-4401F, FortiFirewall-4801F **FortiFirewall DC**: FortiFirewall-4200F-DC, FortiFirewall-4401F-DC **FortiFirewall-VM**: FortiFirewall-VM64, FortiFirewall-VM64-KVM	7.2
FortiFirewall: FortiFirewall-3980E **FortiFirewall DC**: FortiFirewall-3980E-DC **FortiFirewall-VM**: FortiFirewall-VM64, FortiFirewall-VM64-KVM	7.0

FortiFirewall special branch models

Model	Firmware Version	Firmware Build (for special branch)
FortiFirewall: FortiFirewall-3001F	7.0.10	4955
FortiFirewall: FortiFirewall-3501F	7.0.10	4955

FortiFirewallCarrier models

Some of the following FortiFirewallCarrier models are released on special branches of FortiFirewallCarrier firmware. FortiManager version 7.6.3 supports these models on the identified FortiFirewallCarrier firmware version and build number.

Model	Firmware Version
FortiFirewallCarrier: FortiFirewallCarrier-3001F, FortiFirewallCarrier-3501F, FortiFirewallCarrier-3980E, FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F, FortiFirewallCarrier-4401F, FortiFirewallCarrier-4801F **FortiFirewallCarrier DC**: FortiFirewallCarrier-4200F-DC, FortiFirewallCarrier-4401F-DC **FortiFirewallCarrier-VM**: FortiFirewallCarrier-VM64, FortiFirewallCarrier-VM64-KVM	7.6
FortiFirewallCarrier: FortiFirewallCarrier-1801F, FortiFirewallCarrier-2600F, FortiFirewallCarrier-3001F, FortiFirewallCarrier-3501F, FortiFirewallCarrier-3980E, FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F, FortiFirewallCarrier-4401F, FortiFirewallCarrier-4801F **FortiFirewallCarrier DC**: FortiFirewallCarrier-1801F-DC, FortiFirewallCarrier-4200F-DC, FortiFirewallCarrier-4401F-DC **FortiFirewallCarrier-VM**: FortiFirewallCarrier-VM64, FortiFirewallCarrier-VM64-KVM	7.4
FortiFirewallCarrier: FortiFirewallCarrier-2600F, FortiFirewallCarrier-3980E, FortiFirewallCarrier-4200F, FortiFirewallCarrier-4400F, FortiFirewallCarrier-4801F **FortiFirewallCarrier DC**: FortiFirewallCarrier-4200F-DC **FortiFirewallCarrier-VM**: FortiFirewallCarrier-VM64, FortiFirewallCarrier-VM64-KVM	7.2
FortiFirewallCarrier-VM: FortiFirewallCarrier-VM64, FortiFirewallCarrier-VM64-KVM	7.0

FortiFirewall special branch models

Model	Firmware Version	Firmware Build
FortiFirewallCarrier: FortiFirewallCarrier-1801F, FortiFirewallCarrier-4401F	7.2.6	4609
FortiFirewallCarrier: FortiFirewallCarrier-3001F	7.0.10	4955
FortiFirewallCarrier: FortiFirewallCarrier-3501F	7.0.10	4940

FortiMail models

Model	Firmware Version
FortiMail: FE-60D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-900G, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E **FortiMail VM:** FML-VM, FML-VM-ALI, FML-VM-AWS, FML-VM-Azure, FML-VM-DK, FML-VM-GCP, FML-VM-HV, FML-VM-KVM, FML-VM-OCP, FML-VM-XEN, FortiMail Cloud	7.6
FortiMail: FE-60D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E **FortiMail VM:** FML-VM, FML-VM-ALI, FML-VM-AWS, FML-VM-Azure, FML-VM-DK, FML-VM-GCP, FML-VM-HV, FML-VM-KVM, FML-VM-OCP, FML-VM-XEN	7.4
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E **FortiMail VM:** FML-VM, FML-VM-ALI, FML-VM-AWS, FML-VM-Azure, FML-VM-DK, FML-VM-GCP, FML-VM-HV, FML-VM-KVM, FML-VM-OCP, FML-VM-XEN	7.2
FortiMail: FE-60D, FE-200D, FE-200E, FE-200F, FE-400E, FE-400F, FE-900F, FE-1000D, FE-2000E, FE-2000F, FE-3000D, FE-3000E, FE-3000F, FE-3200E **FortiMail VM:** FML-VM, FML-VM-ALI, FML-VM-AWS, FML-VM-Azure, FML-VM-DK, FML-VM-GCP, FML-VM-HV, FML-VM-KVM, FML-VM-OCP, FML-VM-XEN	7.0

FortiPAM models

Model	Firmware Version
FortiPAM: FortiPAM-1000G, FortiPAM-3000G **FortiPAM VM:** FortiPAM-AWS, FortiPAM-Azure, FortiPAM-GCP, FortiPAM-HyperV, FortiPAM-KVM, FortiPAM-VM64	1.0, 1.1, 1.2, 1.3, 1.4

FortiProxy models

Model	Firmware Version
FortiProxy: FPX-400E, FPX-400G, FPX-2000E, FPX-2000G, FPX-4000E, FPX-4000G **FortiProxy VM:** FortiProxy-AliCloud, FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-OPC, FortiProxy-VM64	7.6
FortiProxy: FPX-400E, FPX-400G, FPX-2000E, FPX-2000G, FPX-4000E, FPX-4000G **FortiProxy VM:** FortiProxy-AliCloud, FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-OPC, FortiProxy-VM64	7.4
FortiProxy: FPX-400E, FPX-400G, FPX-2000E, FPX-2000G, FPX-4000E, FPX-4000G **FortiProxy VM:** FortiProxy-AliCloud, FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-VM64	7.2

Model	Firmware Version
FortiProxy: FPX-400E, FPX-400G, FPX-2000E, FPX-2000G, FPX-4000E, FPX-4000G **FortiProxy VM:** FortiProxy-AliCloud, FortiProxy-AWS, FortiProxy-Azure, FortiProxy-GCP, FortiProxy-HyperV, FortiProxy-KVM, FortiProxy-OPC, FortiProxy-VM64	7.0
FortiProxy: FPX-400E, FPX-2000E, FPX-4000E **FortiProxy VM:** FortiProxy-KVM, FortiProxy-VM64	1.0, 1.1, 1.2, 2.0

FortiSandbox models

Model	Firmware Version
FortiSandbox: FSA-500F, FSA-500G, FSA-1000F, FSA-1500G, FSA-2000E, FSA-3000E, FSA-3000F **FortiSandbox DC:** FSA-1000F-DC **FortiSandbox-VM:** FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	5.0
FortiSandbox: FSA-500F, FSA-500G, FSA-1000D, FSA-1000F, FSA-1500G, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D **FortiSandbox DC:** FSA-1000F-DC **FortiSandbox-VM:** FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	4.2, 4.4
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3000F, FSA-3500D **FortiSandbox DC:** FSA-1000F-DC **FortiSandbox-VM:** FortiSandbox-AWS, FortiSandbox-Cloud, FSA-VM	4.0
FortiSandbox: FSA-500F, FSA-1000D, FSA-1000F, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D **FortiSandbox DC:** FSA-1000F-DC **FortiSandbox-VM:** FortiSandbox-AWS, FSA-VM	3.2

FortiSOAR models

Model	Firmware Version
FortiSOAR VM: FortiSOAR-VM	7.2, 7.3, 7.4, 7.5, 7.6

FortiSRA models

Model	Firmware Version
FortiSRA: FortiSRA-1000G, FortiSRA-3000G **FortiSRA-VM**: FortiSRA-Azure, FortiSRA-HyperV, FortiSRA-KVM, FortiSRA-VM64	1.0, 1.1

FortiSwitch ATCA models

Model	Firmware Version
FortiController: FTCL-5103B, FTCL-5903C, FTCL-5913C	5.2
FortiSwitch-ATCA: FS-5003A, FS-5003B **FortiController:** FTCL-5103B	5.0
FortiSwitch-ATCA: FS-5003A, FS-5003B	4.3

FortiTester models

Model	Firmware Version
FortiTester: FortiTester-100F, FortiTester-2000D, FortiTester-2000E, FortiTester-2000F, FortiTester-2500E, FortiTester-3000E, FortiTester-3000F, FortiTester-4000E, FortiTester-4000F **FortiTester VM:** FortiTester-VM, FortiTester-VM-ALI-BYOL, FortiTester-VM-ALI-PAYG, FortiTester-VM-AWS-BYOL, FortiTester-VM-AWS-PAYG, FortiTester-VM-AZURE-BYOL, FortiTester-VM-AZURE-PAYG, FortiTester-VM-GCP-BYOL, FortiTester-VM-GCP-PAYG, FortiTester-VM-IBM-BYOL, FortiTester-VM-IBM-PAYG, FortiTester-VM-KVM, FortiTester-VM-OCI-BYOL, FortiTester-VM-OCI-PAYG	7.1, 7.2, 7.3, 7.4

FortiWeb models

Model	Firmware Version
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-100F, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-400F, FortiWeb-600D, FortiWeb-600E, FortiWeb-600F, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-1000F, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F **FortiWeb VM:** FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer **FortiWeb Cloud**, including FortiAppSec Cloud.	7.6
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-100F, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-400F, FortiWeb-600D, FortiWeb-600E, FortiWeb-600F, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-1000F, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F	7.4

Model	Firmware Version
FortiWeb VM: FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer **FortiWeb Cloud**, including FortiAppSec Cloud.	
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-1000F, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F **FortiWeb VM:** FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer **FortiWeb Cloud**, including FortiAppSec Cloud.	7.2
FortiWeb: FortiWeb-100D, FortiWeb-100E, FortiWeb-400C, FortiWeb-400D, FortiWeb-400E, FortiWeb-600D, FortiWeb-600E, FortiWeb-1000D, FortiWeb-1000E, FortiWeb-2000E, FortiWeb-2000F, FortiWeb-3000C, FortiWeb-3000CFSX, FortiWeb-3000D, FortiWeb-3000DFSX, FortiWeb-3000E, FortiWeb-3000F, FortiWeb-3010E, FortiWeb-4000C, FortiWeb-4000D, FortiWeb-4000E, FortiWeb-4000F **FortiWeb VM:** FortiWeb-Azure, FortiWeb-Azure_OnDemand, FortiWeb-GCP, FortiWeb-GCP_OnDemand, FortiWeb-HyperV, FortiWeb-VM, FortiWeb-XENOpenSource, FortiWeb-XENServer **FortiWeb Cloud**, including FortiAppSec Cloud.	7.0

FortiExtender MODEM firmware compatibility

See the FortiOS Release Notes for a list of MODEM firmware filename and version for each FortiExtender model and where in the world the MODEMs are compatible.

Resolved Issues

The following issues have been fixed in 7.6.3. To inquire about a particular bug, please contact Customer Service & Support.

AP Manager

Bug ID	Description
1083224	FortiManager attempts to install 'port1-mode > bridge-to-wan' when 'Override LAN Port' is enabled and 'LAN Port Bridge' is set to 'Bridge to LAN'.

Device Manager

Bug ID	Description
932579	Assigning a BGP template is purging the previously existing BGP config from the target FortiGates.
995919	Cannot `config system password-policy expire-day` for FortiGates.
1004220	The SD-WAN Overlay template creates route-map names that exceed the 35-character limit.
1041265	While using a *Device Blueprint* to apply a pre-run cli template and creating model devices via CSV import, the pre-run does not show applied in *Device Manager*.
1073479	Install preview does not function properly.
1079654	Firewall address entries are incorrectly generated when creating a bridge/mesh-type SSID.
1080940	In an IPSEC tunnel template, deleting an IPSEC tunnel that is not the last one in the template causes the configuration of the last remaining tunnel to disappear when you revisit the template.
1085385	Importing SD-WAN configuration previously completed on a FortiGate as a provisioning template in FortiManager returns "Response format error" message.
1086303	An installation error may occur when binding and installing the created VLAN interface to the software switch due to `ip-managed-by-fortiipam`. No issues have been observed with the installation of VLAN interfaces or physical interfaces.
1089102	Metadata variable value cannot be emptied (value deleted) after a value has been set via *Edit Variable Mapping* for a model device.
1094451	If the *Timezone* field in the *System Template* is left blank, FortiManager may apply its default

Bug ID	Description
	timezone and overwrite the existing timezone on the FortiGates.
1099270	Unable to upgrade of FortiGate HA devices via Firmware Templates.
1103166	Installation wizard might stuck at 50% if the device has Jinja CLI template assigned.
1110780	FortiManager does not allow creating the local-in policy with SD-WAN zone.
1115014	FortiManager fails to install SSID configuration in FortiGate when captive portal is enabled with error, "Must set selected-usergroups".
1119280	Firmware Template assignment does not work properly.
1122481	When an FortiGate HA failover occurs, making any changes to the SD-WAN configuration on the FortiGate HA may cause FortiManager to attempt to purge the firewall policies on the device during the installation (Install Device Settings (only)).
1124171	FortiManager retrieves the device configuration from the ZTP FortiGate after the image upgrade is performed, due to the 'Enforce Firmware' feature. This action erases all settings in the device database on the FortiManager side, and as a result, AutoLink installation will not be completed successfully.
1126321	When creating a VLAN with "LAN" Role, an object is created even if "Create Address Object Matching Subnet" is disabled.
1128094	After upgrading to v7.2.10, the entries under *Network Monitor > Routing (Static & Dynamic)* no longer appear.

FortiSwitch Manager

Bug ID	Description
1026433	When navigating to *FortiSwitch Manager > FortiSwitch VLAN > "BUILD-VLAN"* and enabling the DHCP Server, the Advanced options are missing the "filename" field.
1089719	FortiSwitch 110G is not supported.
1097467	There is a mismatch in the per-VDOM limit between the Managed FortiSwitch on the FortiManager and the actual FortiGate, causing a copy failure error when installing the configuration. So far, this issue has been observed on the FGT-90G.
1077058	IPv4 allow access for VLAN interface over Per-Device Mapping cannot be set.

Global ADOM

Bug ID	Description
1111249	Unable to assign Global Policy to any ADOM, when firewall address with metadata variables has been used.

Others

Bug ID	Description
1009848	Support ISE distributed deployment: PAN/MnT Nodes up to 2, Pxgrid Nodes up to 4.
1052341	Not able to select Address type MAC in SD-WAN rule source address.
1091375	When the install is waiting for a session, it neither updates nor completes the task.
1104486	Configuring `auto-virtual-mac-interface` from FortiManager may unexpectedly unset the virtual-mac in the interface during verification.
1106312	The Table View and Device History sections under the *SD-WAN Manager*'s Network tab do not properly display all detailed information, such as Interfaces, Link Mode, and other relevant data. (This issue was initially reported in relation to FortiGate 7.6.1).
1114809	After upgrading the FortiManager using the "Upgrade Image via FortiGuard" feature, the FortiManager JSON API login may fail, leading to service disruptions. This issue is important for FortiPortal and other FortiManager API clients.
1117603	Some compatibility issues have been encounteredwith FortiOS 7.4.7, please review the Release Notes.
1124007	*OK* button does not save the settings. Navigate to *Device Manager* > *Device & Groups* > right-click on FortiGate > *Firmware upgrade* > *Schedule* > *Custom* > *Define time* > Press *OK*.
1136765	The PxGrid connector should support Fully Qualified Domain Names (FQDN).

Policy and Objects

Bug ID	Description
968149	Unable to export policy package to CSV.

Bug ID	Description
986256	When creating the application list on the FortiManager, if the Category ID is set to 33 or 34, the installation does not display any errors. However, these invalid categories cannot be set on the FortiGate. Consequently, the assigned application list entry will be created without a specific category and will default to the "block" action. This behavior may cause network interruptions.
1030914	Copy and paste function in GUI removes name of the policy rule and adds unwanted default security profiles (SSL-SSH no-inspection and default PROTOCOL OPTIONS).
1047850	Error occurs when modifying any route maps: 'Cannot save route maps: rule/[id]/set-priority: out of range...'.
1073463	Installation is failed with error "VIP entry cannot be moved when central-nat is disabled."
1077964	After ZTNA server real server address type changes from FQDN to IP, the policy installation may fail; FortiManager pushes ZTNA server config with wrong order.
1078598	Unable to import policy due to issues related to the protocol-options feature.
1086705	Multicast policy table *Log* column shows wrong info and right-click update does not work properly.
1101436	The "sni-server-cert-check" cannot be disabled on SSL-SSH inspection profile for "ftps" "pop3s" and "smtps".
1101919	Changes to a Virtual IP global settings are not applied when a per-device mapping exists.
1108159	IP address list for an ISDB object differ between FortiManager and managed FortiGate while both devices have installed the same ISDB definitions.
1109061	FortiManager tries to set the inspection mode for the deny policies.
1112011	When a policy package contains a globally assigned policy, installing a local ADOM policy package (with the "Install On" feature enabled for a specific device) may not function properly. The policy could be installed on all devices instead of the intended one.
1113129	FortiManager is treating implicit-deny local-in policy incorrectly, denying any traffic.
1119299	Installation fails due to syntax compatibility issues between FortiManager and FortiGate version 7.2.10. Specifically, the issue occurs when FortiManager attempts to unset the `servercert` in the `vpn ssl settings`.
1130475	FortiManager starts appending an ID to the global-label associated with policies. This can cause a problem if global labels are being used to group policies together.
1131552	Import fails due to an invalid remote certificate, even though the certificate is available on the FortiGate.
1132984	FortiManager is not updating SSL inspection settings.
1133553	Unused policy tool showing No hit count report for this policy package message when policy block is added to policy package.
1139220	FortiManager does not prevent users to mix ISDB and destination addresses.

Script

Bug ID	Description
1085374	FortiManager does not support exporting the TCL scripts via CLI.

Services

Bug ID	Description
1104925	FortiManager in Cascade mode may fail to display accurate license information/contracts for FortiGate retrieved from the FDS server, as it is not listed in the FortiGate's authlist.
1138715	FortiManager does not auto-download the FortiClient signature from FortiGuard.

System Settings

Bug ID	Description
1108205	ADOM lock override does not work even though lock-preempt has been enabled.
1115464	When any interfaces have the serviceaccess feature enabled (fgtupdates, fclupdates, and webfilter-antispam), changing the IP address on the desired interfaces may not immediately affect the listing port for that IP. As a result, the user might not be able to access the GUI using the newly configured IP address (assuming default port 443 is being used).
1121608	Under the *Dashboard* > *Sessions* widget, the number of current sessions presented in FortiManager does not match the number of sessions in the FortiGate.

VPN Manager

Bug ID	Description
1084434	Unable to rename the address objects (either source and/or destination) used in Phase2 quick selectors in IPSec VPN without an installation error.
1090636	Unable to edit VPN community due to the following error message: "vpnmgr/vpntable/: cannot be edited".

Known issues

Known issues are organized into the following categories:

- New known issues on page 54
- Existing known issues on page 54

To inquire about a particular bug or to report a bug, please contact Fortinet Customer Service & Support.

New known issues

The following issues have been identified in version 7.6.3.

AP Manager

Bug ID	Description
1150508	Unable to set the Override Radio feature for managed APs under the *AP Manager*. **Workarounds:** • Run a script on device database or on remote FortiGate Directly (via CLI); • Or set the configuration directly on the remote FortiGate and wait for the changes to be reflected on the FortiManager.

Others

Bug ID	Description
1149980	FortiManager attempts to install a config to FortiProxy may result in the removal of physical ports. This can occur randomly and originates from the FortiProxy side, due to syntax support compatibility issues. A fix is planned for the next FortiProxy release.

Existing known issues

The following issues have been identified in a previous version of FortiManager and remain in FortiManager 7.6.3.

AP Manager

Bug ID	Description
1086946	The FortiAP upgrade via FortiManager may fail (on FortiGate 7.6.1). The process could stop at the controller_download_image step or experience a prolonged stall, eventually resulting in a timeout.

Device Manager

Bug ID	Description
970157	FortiManager is attempting to install SNMP configurations that are not supported by the FortiGate VM, such as `power-supply-failure`, `temperature-high`, and `voltage-alert`. **Workaround:** Create a CLI template for SNMP configuration and assign it to the device(s).
980362	The Firmware Version column in *Device Manager* incorrectly shows 'Upgrading FortiGate from V1 to V2' even after a successful upgrade has been completed.
1136080	Starting from FortiOS version 7.2.11, FortiGate devices use a different password type for the administrator's password field. FortiManager versions released before this change cannot verify the administrator password when installing to a FortiGate, which may result in an installation failure.

Others

Bug ID	Description
1041706	*Extender Manager* shows the managed Extender as Down even if it is UP and correctly displayed on FortiGate.

1053830	MEAs cannot be enabled from FortiManager's GUI.
	Workaround:
	Use the following CLI command to enable them (in this example, universalconnector):
	`config system docker`
	`   set status enable`
	`   set universalconnector enable`
	`end`

1065593	Not able to upgrade ADOM.
1066132	When enabling the FortiAnalyzer features on FortiManager, a server error message might appear under "*FortiView* > *System* > *Resource Usage*".
1103008	Not able to edit DNS Filter profile in FortiProxy ADOM.

Bug ID	Description
1105387	The upgrade task failed when the FortiManager attempted to send the image to the FortiGates. The image file transfer between FortiManager and FortiGate appeared to fail over the FGFM tunnel. FortiManager timed out and was unable to retrieve the FortiGate version (first observed in FortiGate version 7.6.1) **Workaround**: Enable option "Let Device Download Firmware From FortiGuard" in FortiManager side.
1126662	In a FortiGate HA setup running on the public cloud platform, the FortiManager attempts to install changes on static routes, which may cause routes to be deleted after an HA failover.
1143100	Unable to add physical FortiProxy to FortiManager.

Policy & Objects

Bug ID	Description
971065	When the number of Custom Internet Services exceeds 256, installation fails due to this limitation.

System Settings

Bug ID	Description
1063040	Unable to import a local certificate into FortiManager. This issue may occur if the certificate is encrypted with a newer OpenSSL version that FortiManager does not yet support. **Workaround**: Convert the latest certificate to the legacy format before uploading it to FortiManager.

Appendix A - FortiGuard Distribution Servers (FDS)

In order for FortiManager to request and retrieve updates from FDS, and for FortiManager to serve as an FDS, please configure the necessary settings on all devices between FortiManager and FDS, or between FortiManager and FortiGate devices based on the following items:

- FortiManager accesses FDS for antivirus and attack updates through TCP/SSL port 443.
- If there is a proxy server between FortiManager and FDS, FortiManager uses port 443 to communicate with the proxy server in *tunnel* mode by default. Alternatively, you can configure web proxy to use *proxy* mode using port 80. For more information, see the FortiManager Administration Guide.

FortiGuard Center update support

You can configure FortiManager as a local FDS to provide FortiGuard updates to other Fortinet devices and agents on your network. The following table lists which updates are available per platform:

Platform	Update Service	Query Service	VM License Activation
FortiGate	✓	✓	✓
FortiADC	✓		✓
FortiCache	✓		✓
FortiCarrier	✓	✓	✓
FortiClient	✓		
FortiDeceptor	✓	✓	✓
FortiDDoS	✓		✓
FortiEMS	✓		
FortiMail	✓	✓	✓
FortiProxy	✓	✓	✓
FortiSandbox	✓	✓	✓
FortiSOAR	✓		
FortiTester	✓		✓
FortiWeb	✓		✓
FortiPAM	✓		✓

Appendix B - Default and maximum number of ADOMs supported

This section identifies the supported number of ADOMs for FortiManager hardware models and virtual machines.

Hardware models

FortiManager supports a default number of ADOMs based on hardware model.

Some hardware models support an ADOM subscription license. When you purchase an ADOM subscription license, you increase the number of supported ADOMs. For example, you can purchase an ADOM subscription license for the FMG-3000G series, which allows you to use up to a maximum of 8000 ADOMs.

Other hardware models do not support the ADOM subscription license. For hardware models that do not support the ADOM subscription license, the default and maximum number of ADOMs is the same.

FortiManager Platform	Default number of ADOMs	ADOM license support?	Maximum number of ADOMs
200G Series	30		30
300F Series	100		100
400G Series	150		150
1000F Series	1000		1000
2000E Series	1200		1200
3000G Series	4000	✓	8000
3700G Series	10,000	✓	12,000

For FortiManager F series and earlier, the maximum number of ADOMs is equal to the maximum devices/VDOMs as described in the FortiManager Data Sheet.

Virtual Machines

FortiManager VM subscription license includes five (5) ADOMs. Additional ADOMs can be purchased with an ADOM subscription license.

For FortiManager VM perpetual license, the maximum number of ADOMs is equal to the maximum number of Devices/VDOMs listed in the FortiManager Data Sheet.

- FortiManager-VM subscription licenses are fully stackable.
- For FortiManager-VM perpetual licenses, only the number of managed devices is stackable.

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