

Release Notes

FortiPortal 7.4.5



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FortiPortal 7.4.5 Release Notes

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Change Log

Date	Change Description
2025-05-20	Initial release.
2025-05-29	Updated FortiManager, FortiAnalyzer, FortiAnalyzer BigData, FortiClient EMS, FortiOS, and FortiSandbox supported versions on page 6 and ADOM supported versions on page 7.
2025-06-23	Updated Known Issues on page 16.
2025-06-23	Updated Known Issues on page 16.
2025-09-02	Updated FortiManager, FortiAnalyzer, FortiAnalyzer BigData, FortiClient EMS, FortiOS, and FortiSandbox supported versions on page 6.
2025-09-05	Updated FortiManager, FortiAnalyzer, FortiAnalyzer BigData, FortiClient EMS, FortiOS, and FortiSandbox supported versions on page 6.
2025-12-23	Updated Profile changes from previous version on page 10.

Introduction

FortiPortal is a self-service portal for FortiManager and a hosted security analytics management system for the FortiGate, FortiWifi, and FortiAP product lines. FortiPortal is available as a virtual machine (VM) software solution that can be deployed on a hosted services infrastructure. This allows enterprises and managed security service providers (MSSP) to build highly customized private cloud services for their customers.

This document provides information about FortiPortal version 7.4.5, build 2120. It includes the following sections:

- [What's new on page 5](#)
- [System requirements on page 5](#)
- [Product Integration and Support on page 6](#)
- [Special Notices on page 9](#)
- [Installing FortiPortal 7.4.5 on page 12](#)
- [Upgrading FortiPortal on page 13](#)
- [Known Issues on page 16](#)

What's new

This release contains the following new features and enhancements:

- `ssh_allowlist`: Port setting added to allow or restrict SSH access.
- ZTNA server configuration
- FortiClient EMS sandbox profile
- FortiClient EMS firewall profile
- FortiClient EMS vulnerability scan profile
- FortiClient EMS video filter profile
- FortiClient EMS web filter profile
- FortiClient EMS malware protection profile
- FortiClient EMS monitoring: software inventory
- Disk management improvements.

System requirements

FortiPortal version 7.4.5 minimum system requirements:

- 4 CPUs
- 16 GB RAM
- 12 GB free disk space

Product Integration and Support

FortiPortal 7.4.5 supports some FortiManager, FortiOS, FortiAnalyzer, FortiAnalyzer BigData, and FortiSandbox versions.

This section contains the following topics:

- [FortiManager, FortiAnalyzer, FortiAnalyzer BigData, FortiClient EMS, FortiOS, and FortiSandbox supported versions on page 6](#)
- [Web browser support on page 8](#)
- [FortiPortal 7.4.5 software on page 8](#)

FortiManager, FortiAnalyzer, FortiAnalyzer BigData, FortiClient EMS, FortiOS, and FortiSandbox supported versions

The FortiPortal self-service interface for MSSP customers uses the FortiManager API for FortiGate firewall policy and IPsec VPN configuration.

FortiPortal optionally connects FortiGate wireless controllers for wireless analytics.

FortiPortal allows users to view FortiAnalyzer reports assigned to the MSSP customer.

FortiPortal 7.4.5 supports the following product versions:

Product	Supported Versions
FortiAnalyzer	<ul style="list-style-type: none">• 7.6.0 to 7.6.4• 7.4.0 to 7.4.7• 7.2.1 to 7.2.10• 7.0.1 to 7.0.3, 7.0.5 to 7.0.13
FortiAnalyzer BigData	<ul style="list-style-type: none">• 7.0.x
FortiManager	<ul style="list-style-type: none">• 7.6.0 to 7.6.4• 7.4.0 to 7.4.7• 7.2.1 to 7.2.10• 7.0.1 to 7.0.13
FortiClient EMS	<ul style="list-style-type: none">• 7.2.3 to 7.2.7• 7.4.0 to 7.4.1

Product	Supported Versions
FortiOS	For FortiOS support, refer to the FortiManager or FortiAnalyzer release notes of the appropriate version in the Fortinet Docs Library .
FortiSandbox	<ul style="list-style-type: none"> 3.0.2 to 4.4.7



You must ensure that the FortiManager and the FortiAnalyzer user accounts (that you created for FortiPortal) have *Remote Procedure Call (RPC)* set to *read-write*. Configure it as follows:

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

Also see:

- [ADOM supported versions on page 7](#)
- [Additional compatibility resources on page 7](#)
- [Hypervisor support on page 8](#)

ADOM supported versions

FortiPortal 7.4.5 supports the following FortiManager ADOM versions:

Product	Supported FortiManger Versions	Supported ADOM Versions			
		7.6	7.4	7.2	7.0
FortiManager	7.6.0 to 7.6.4	✓	✓	✓	✓
	7.4.0 to 7.4.7		✓	✓	✓
	7.2.1 to 7.2.10			✓	✓
	7.0.1 to 7.0.13				✓

Additional compatibility resources

Refer to the FortiOS, FortiManager, and FortiAnalyzer release notes on the [Fortinet Docs Library](#) for detailed compatibility information.

Hypervisor support

The following hypervisor platforms are supported:

- VMware ESX Server versions 6.0, 6.5, 6.7, and 7.0
- KVM Version 2.6.x

Web browser support

The following web browsers are supported:

- Mozilla Firefox (up to) Version 103
- Google Chrome Version 103



Other (versions of the) browsers might also function but are not fully supported in this release.

FortiPortal 7.4.5 software

FortiPortal is delivered as a virtual machine.

To download the image files:

1. Log in to the Fortinet Customer Service and Support website at <https://support.fortinet.com/>.
2. Go to *Download > Firmware Images*.
3. In the *Select Product* list, select *FortiPortal*.
The *Release Notes* tab for FortiPortal is displayed.
4. Click the *Download* tab.
The *Image File Path* and *Image Folders/Files* sections are displayed.
5. In the *Image Folders/Files* section, go to *v7.00 > 7.4 > 7.4.5*.
6. Download the image files:
 - For KVM, download the latest QCOW2 file:
FPC_VM64-v7.4.5-build2120-release-portal.qcow2
 - For VMWare, download the latest OVA file:
FPC_VM64-v7.4.5-build2120-release-portal.ova

Detailed installation instructions are included in the *FortiPortal Administration Guide* on the [Fortinet Docs Library](#).

Special Notices

This section contains the following:

- [Supported FortiManager API Endpoints on page 9](#)
- [Requirements for Run Reports on page 10](#)
- [Limitations with Scalable Cluster on page 10](#)
- [SD-WAN Link Utilization widget with FortiAnalyzer 7.4.2 and later on page 10](#)
- [Profile changes from previous version on page 10](#)
- [FortiPortal 6 features not implemented in FortiPortal 7.4.5 on page 11](#)
- [Limitation with install preview on page 11](#)

Supported FortiManager API Endpoints

The following FortiManager API configuration endpoints are supported by FortiPortal.

Policy & Object endpoints

dynamic/interface
spamfilter/profile
webfilter/profile
dlp/sensor
antivirus/profile
ips/sensor
webfilter/ftgd-local-cat
webfilter/ftgd-local-rating
application/list
firewall/address
firewall/addrgrp
firewall/schedule/onetime
firewall/schedule/recurring
firewall/service/custom
firewall/service/group
firewall/vip
firewall/vipgrp
firewall/ippool
user/local
user/group
firewall/policy
reinstall/package
revision

Device Manager endpoints

vpn/ipsec/phase1-interface
vpn/ipsec/phase2-interface
router/static

Requirements for Run Reports

To successfully run a report in FortiPortal, the following requirements must be met:

1. All FortiAnalyzer units on FortiPortal must have a version higher than 6.4.2.
2. All the devices within a site must belong to the same ADOM on the same FortiAnalyzer.

Limitations with Scalable Cluster

Due to known technical limitations, FortiPortal Scalable Cluster is subject to the following caveats:

- When the primary unit is down, it may take several minutes before the cluster resumes responding.
- When joining multiple secondary units to a cluster, please join the units in sequential order.
- When multiple units are shutdown, please power-on units in sequential order when resuming service.

SD-WAN Link Utilization widget with FortiAnalyzer 7.4.2 and later

The *SD-WAN Link Utilization* in the *SD-WAN > Monitoring* page is removed for sites working with FortiAnalyzer 7.4.2 and later as the API is deprecated.

Profile changes from previous version

Following are the permission profile changes from FortiPortal 7.4.4.

Profile: Admin

No changes

Profile: Customer Admin

No changes

Profile: Customer Monitor

No changes

Profile: Default OAuth Customer

No changes

Profile: Web&Video Filters Admin

No changes

FortiPortal 6 features not implemented in FortiPortal 7.4.5

The following features from FortiPortal 6 have not been implemented in FortiPortal 7.4.5:

- Zone/Interface/Dynamic Mapping
- Data Leak Prevention Profile
- Advanced Attributes of LDAP Server
- Tacacs Server
- Remote User
- DHCP Server IPSEC

Limitation with install preview

Due to a known FortiManager bug (1104703), the improved install preview features are only available with FortiManager 7.4 and 7.6. The traditional install preview approach is still available with earlier FortiManager versions.

Installing FortiPortal 7.4.5

To install FortiPortal 7.4.5:

1. Deploy the VMware FortiPortal image file on a hypervisor.



Make sure the network interface is connected to a reachable network adapter.

2. Once the FortiPortal instance is booted up, log in with the default username `admin` and password `portal1234`. You are prompted to change the `admin` user password immediately.

3. In the CLI console, enter the following commands to configure the IP address for the instance:

```
config system interface
edit port1
set ip x.x.x.x/x.x.x.x
end
```

If needed, configure additional ports (port2, port3, etc.) in the same manner.

4. In the CLI console, enter the following commands to configure the default route for the instance:

```
config system route
edit 1
set device port1
set gateway x.x.x.x
end
```

5. Optionally, in the CLI console, enter the following commands to configure the DNS for the instance:

```
config system dns
set primary x.x.x.x
set secondary y.y.y.y
end
```

6. Optionally, in the CLI console, enter the following commands to configure the NTP for the instance:

```
config system ntp
config ntpserver
edit 1
set server x.x.x.x or <hostname>
end
```

7. Connect to FortiPortal via the web interface using the configured IP address. The default web login username and password are `spuser` and `test12345`, respectively. Upon login, you are required to change the web login password.



The login credentials are separated between web UI and console/SSH.

Upgrading FortiPortal

Follow the instructions below to upgrade to FortiPortal 7.4.5.



To improve system security and reduce the chance of exploitation and breach, we recommend that you change the system encryption password after upgrading with the following CLI command:

```
config system encryption
    set password <new-password>
end
```



If *Site* assertion attribute for remote SAML IdP authenticated customer users is not used (not present in the assertions from the IdP), but you want users to have access to all of their respective sites, the new CLI setting needs to be changed as follows after the upgrade is complete:

```
config system admin setting
    set remote-org-user-all-sites-access enable
end
```

Allow all sites is no longer enabled by default.

Suggested upgrade paths

Upgrading from 7.4 branch

- 7.4.4 > 7.4.5

Upgrading from 7.2 branch

- 7.2.7 > 7.4.5

Upgrading to 7.4.5

You can upgrade from the versions noted in [Suggested upgrade paths on page 13](#) through the FortiPortal dashboard using the *Upgrade Firmware* button and then upload the OVA file for the appropriate version.

To upgrade to FortiPortal 7.4.5:



Repeat this upgrade procedure for each version in the upgrade path. Skipping versions is not recommended.

1. Save a backup of your existing FortiPortal system:
 - a. Go to *Dashboard*.
 - b. In the *System Information* pane, select the *System Backup* icon in *System Configuration* to save a backup file onto the local computer.
For a scalable cluster, back up the primary node.
 2. Download the appropriate OVA file for the version you are updating to. This image is available to download from the Fortinet Customer Service & Support website (<https://support.fortinet.com/>).
 3. In the *System Information* pane, in *Version*, click the *Upload Firmware* icon, click *Choose File* and locate the downloaded OVA file on your local computer.
 4. Click *Upload*.
-



Uploading a firmware image requires sufficient network bandwidth.
When upgrading a scalable cluster, the upgrade may take 10-20 minutes, or longer, depending on server performance.

The firmware image uploads from your local computer to FortiPortal, which then reboots.

Upgrading AWS, Azure, and GCP

You can upgrade to 7.4.5 for AWS, Azure, and GCP platforms using the same image: `FPC_VM64_AWS_AZURE-GCP-V7.4.5-build2120-release-Portal.ova`.

Follow the standard upgrade procedure described on page [Upgrading FortiPortal on page 13](#).

Resolved Issues

The following issues have been fixed in 7.4.5. For inquiries about a particular bug, please contact Customer Service & Support.

Bug ID	Description
974300	FortiPortal may query primary and secondary DNS servers simultaneously.
1134352	Installation preview button may lead to an empty page when FortiManager version is earlier than 7.4.4.
1134914	FortiManager VRRP cluster polling may fail when there is no VIP used for it.
1135487	Filtered objects may still show in <i>Security > Firewall Objects > User > Create > Radius</i> .
1138075	FortiPortal may not be able to filter <i>OAuth2 Role Attribute</i> by id.
1140722	Upgrade may fail if proxy is used and it has a certificate-setting issue.
1142316	Users with <i>Customer Monitor</i> profile cannot access <i>Service Health</i> in <i>WiFi > Monitoring</i> .
1142831	<i>Assigned Switches</i> column may be empty in <i>Switch > Configuration > Port Configuration</i> for 7.2 ADOMs.
1143766	Selected SSIDs may not be displayed in AP profile.
1144600	Widgets may show "Unknown Server Error" if FortiPortal is in cluster mode and using a load balancer.
1146351	Customer profile with <i>Custom</i> permission for <i>Policy</i> may not be able to access <i>Policy Revision</i> .
1147728	Logs page may display the same logs even when the customer changes the page number.
1147773	Port configuration in <i>Switch > Configuration</i> may appear empty when using a customer profile set to read only.

Known Issues

The following issues have been identified in FortiPortal 7.4.5. For inquiries about a particular bug or to report a bug, please contact Customer Service & Support.

Bug ID	Description
1142278	FortiPortal may show an empty screen when a user tries to edit an AP profile in a 7.2 ADOM.
1129108	Changing the logo requires a reboot.
1143317	Dashboard widgets may get stuck loading until a reboot is performed.
1148954	GUI may be inaccessible and display "ERR_SSL_PROTOCOL_ERROR".
1164959	In <i>Security > Firewall Objects</i> , creating a new firewall user redirects to a blank page. To work around this issue, create a dummy RADIUS server object on the connected FortiManager.
1156485	<i>SDWAN > Monitoring</i> may show all <i>Performance SLA</i> related to an interface as down when only one is down.
1125809	Users may not be able to create IPv6 policies using ISDB.



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