



Release Notes

FortiPortal 7.4.2



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FortiPortal 7.4.2 Release Notes

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Change Log

Date	Change Description
2024-12-17	Initial release.
2025-01-03	Updated Known Issues .
2025-01-29	Updated FortiManager , FortiAnalyzer , FortiAnalyzer BigData , FortiClient EMS , FortiOS , and FortiSandbox supported versions on page 6 and ADOM supported versions on page 7.
2025-01-29	Updated Upgrading FortiPortal on page 14.
2025-02-24	Updated FortiManager , FortiAnalyzer , FortiAnalyzer BigData , FortiClient EMS , FortiOS , and FortiSandbox supported versions on page 6 and ADOM supported versions on page 7.
2025-05-13	Updated Resolved Issues on page 16.

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 7.4.2, build 2077. 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 7.4.2 on page 13](#)
- [Upgrading FortiPortal on page 14](#)
- [Known Issues on page 17](#)

What's new

This release contains the following new features and enhancements:

- Support for templates in AP profiles.
- Support for switch templates.
- Policy install preview:
 - Enhancements to the information in the preview.
 - View policy install details.
- Support for DHCP relay.
- Improved audit logs to highlight changes.

System requirements

FortiPortal version 7.4.2 minimum system requirements:

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

Product Integration and Support

FortiPortal 7.4.2 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 7.4.2 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 7.4.2 supports the following product versions:

Product	Supported Versions
FortiAnalyzer	<ul style="list-style-type: none">• 7.6.0 to 7.6.2• 7.4.0 to 7.4.6• 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 7.6.2• 7.4.0 to 7.4.6• 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



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 7.4.2 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 7.6.2	✓	✓	✓	✓
	7.4.0 to 7.4.6		✓	✓	✓
	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 7.4.2 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 > 7.4.2*.
6. Download the image files:
 - For KVM, download the latest QCOW2 file:
FPC_VM64-v7.4.2-build2077-release-portal.qcow2
 - For VMWare, download the latest OVA file:
FPC_VM64-v7.4.2-build2077-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:

- [Special Characters with Site Name on page 9](#)
- [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 7.4.2 on page 11](#)
- [Limitation with install preview on page 12](#)

Special Characters with Site Name

When a site name contain special characters, FortiPortal may fail to display the policy page and install policy changes to FortiManager.

Supported FortiManager API Endpoints

The following FortiManager API configuration endpoints are supported by FortiPortal.

Policy & Object endpoints	<code>dynamic/interface</code> <code>spamfilter/profile</code> <code>webfilter/profile</code> <code>dlp/sensor</code> <code>antivirus/profile</code> <code>ips/sensor</code> <code>webfilter/ftgd-local-cat</code> <code>webfilter/ftgd-local-rating</code> <code>application/list</code> <code>firewall/address</code> <code>firewall/addrgrp</code> <code>firewall/schedule/onetime</code> <code>firewall/schedule/recurring</code> <code>firewall/service/custom</code> <code>firewall/service/group</code> <code>firewall/vip</code>
--------------------------------------	---

	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 7.4.1.

Profile: Admin

No changes.

The *Admin* profile includes all customer profile options as well, with the same defaults as *Customer Admin*.

Profile: Customer Admin

Permission	Update	Notes
Security > Network > DHCP Server Relay	Added	Default: Read/Write
Miscellaneous > Allow CLI Preview	Added	Default: Disabled

Profile: Customer Monitor

Permission	Update	Notes
Security > Network > DHCP Server Relay	Added	Default: Read
Miscellaneous > Allow CLI Preview	Added	Default: Disabled

Profile: Web&Video Filters Admin

Permission	Update	Notes
Security > Network > DHCP Server Relay	Added	Default: None
Miscellaneous > Allow CLI Preview	Added	Default: Disabled

FortiPortal 6 features not implemented in FortiPortal 7.4.2

The following features from FortiPortal 6 have not been implemented in FortiPortal 7.4.2:

- 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 7.4.2

To install FortiPortal 7.4.2:

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 7.4.2.

You can upgrade from FortiPortal 7.4.1 to 7.4.2 through the FortiPortal dashboard using the *Upgrade Firmware* button with the appropriate FortiPortal OVA file.

For information about upgrading to previous versions, see the FortiPortal Release Notes for that version.



To upgrade a scalable cluster, upgrade the primary node of the cluster following this same procedure. The primary node will upgrade the secondary nodes automatically.

Suggested upgrade paths

Upgrading from 7.4 branch

- 7.4.1 > 7.4.2

Upgrading from 7.2 branch

- 7.2.6 > 7.4.2



Direct upgrade from 7.2.5 to 7.4.2 is not supported.

Upgrading from 7.0 branch

- 7.0.10 > 7.2.6 > 7.4.2.
- 7.0.11 > 7.2.6 > 7.4.2.

Upgrading AWS, Azure, and GCP

You can upgrade to 7.4.2 for AWS, Azure, and GCP platforms using the same image: FPC_VM64_AWS_AZURE-GCP-V7.4.2-build2077-release-Portal.ova.

Follow the standard upgrade procedure described on page [Upgrading FortiPortal on page 14](#).

Resolved Issues

The following issues have been fixed in 7.4.2. For inquiries about a particular bug, please contact Customer Service & Support.

Bug ID	Description
1096055	The result may not be inclusive when 2 filters are used in <i>Insights > Logs</i> .
1094052	FortiPortal may show an error message when users try to install policy package for multiples devices.
1084892	Users may not be able to delete default <i>spuser</i> .
1086409	"Unknown Server Error" may pop up when users try to disable a policy if its name is empty.
1081954	<i>Insights > Logs</i> page slow to load.
1072367	Adding FortiClient EMS cloud may fail.

Common Vulnerabilities and Exposures

Visit <https://fortiguard.com/psirt> for more information.

Bug ID	CVE references
1079115	FortiPortal 7.4.2 is no longer vulnerable to the following CVE reference: 2025-46777.

Known Issues

The following issues have been identified in FortiPortal 7.4.2. For inquiries about a particular bug or to report a bug, please contact Customer Service & Support.

Bug ID	Description
1107547	User is able to change IP in FortiPortal AWS CLI.
1073118	FortiManager cluster information keeps an entry of old secondary node after a Serial Number or IP change.
1103139	When 2FA user's MFA is set to email, "unexpected error" may show when the user tries to log in.
1109806	FortiManger remains locked after install preview. To release the lock, do one of the following: <ul style="list-style-type: none">• Continue through the install process, which will unlock the FortiManager when complete.• Open another object page, which will lock and unlock the FortiManager.



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