



Release Notes

FortiNDR 7.4.7



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FEEDBACK

Email: techdoc@fortinet.com



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FortiNDR 7.4.7 Release Notes

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Change Log

Date	Change Description
2025-03-18	Initial release.
2025-03-20	Updated System integration and support on page 10 .
2025-04-03	Updated Upgrade information on page 7 and System integration and support on page 10 .
2025-08-12	Updated Resolved issues on page 13 .

Introduction

FortiNDR (On-premise) is Fortinet's Network Detection and Response product designed for on-premises installations where network metadata remains within the network, supporting OT and air-gapped infrastructure. It is available in various form factors, including appliances, VM/KVM, and public cloud (BYOL), with support for distributed sensors and centers. FortiNDR can classify both network-based and file-based (malware) threats, providing network visibility, including East-West traffic in datacenter/cloud environments. Equipped with Artificial Neural Networks (ANN), it classifies malware into attack scenarios, surfaces outbreak alerts, and traces the source of malware infections. It detects network-based attacks such as intrusions, botnets, compromised IOCs, weak ciphers, and vulnerable protocols. Supervised and unsupervised Machine Learning (ML) continuously analyze metadata across networks to identify threats, with remediation available via Fortinet Security Fabric.

Licensing

Please refer to the FortiNDR ordering guide for licensing details:

<https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/og-fortindr.pdf>.

Customers must have the correct SKU for FortiNDR functionalities to work.

Netflow and Scada licenses

Netflow and Scada licenses are ordered separately for sensors and standalone deployment.

Upgrade information

The latest FortiNDR firmware versions are available for download from [FortiCloud](#). You should always backup your system configuration before upgrading the firmware on your device. Be aware that some configuration settings are not saved to the backup configuration file and will need to be manually restored after upgrade.

Firmware

FortiNDR 7.4.7 supports the following upgrade path:

Upgrade from	Upgrade to	Notes
7.4.6	7.4.7	
7.4.0 - 7.4.5	7.4.6	Direct upgrade is supported.
7.2.0 - 7.2.4	7.4.0	Direct upgrade is supported.



- Direct upgrade from v7.0.x, 7.1.x, 7.2.x to v7.4.7 is not supported to v7.4.7 is not supported in any platform.



Upgrading to major versions:

You can upgrade from the last minor version to the first new major version. For example, you can upgrade from version 7.2.4 to version 7.4.0.

FNR-1000F, FNR-3500F (gen3 and above)

- 7.4.7 firmware is designed to run on FNR-1000F and FNR-3500F (gen3 and above) and is not compatible with older FAI-3500F hardware (gen1/2). For more information, see [Supported models on page 12](#).

VM Devices

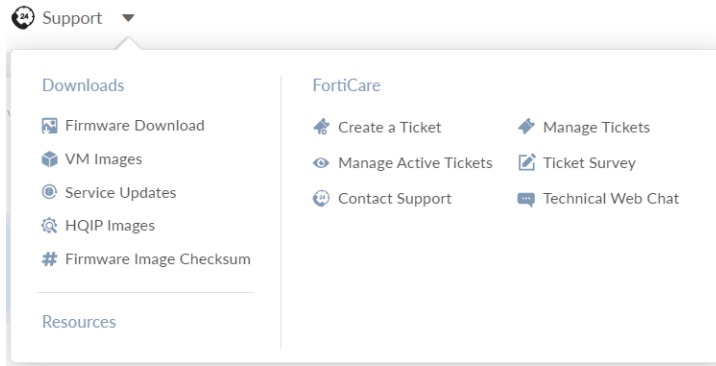


If your current version FortiNDR does not have a password, you will be prompted to create a password after upgrading, otherwise you cannot login.

Downloading the latest firmware version

To download the latest version of FortiNDR:

1. Log into [FortiCloud](#).
2. In the banner, click *Support > Firmware Download*.



3. From the *Select Product* dropdown, select *FortiNDR*.
4. Click the *Download* tab.
5. Use the folders in the directory to locate and download the latest firmware version.

Welcome to the Firmware Images download center for Fortinet's extensive line of security solutions.

Select Product

FortiNDR

Release Notes

Download

Image File Path

/ [FortiNDR/ v7.00/](#)

Image Folders/Files

[Up to higher level directory](#)

	Name	Size (KB)	Date Created	Date Modified
	7.0	Directory	2022-04-21 20:04:06	2022-10-10 10:10:19
	7.1	Directory	2022-10-21 17:10:34	2022-10-21 17:10:34

Upgrading the firmware version

Before you begin:

You should always backup your system configuration before upgrading the firmware on your device.

Be aware the following settings are not backed up to the configuration file:

- *Network Share*
- *Network Share Quarantine*
- *File size limit*
- *Email Alert Recipients*

Record these settings so you can manually restore them after upgrade.

The *File size limit* can be found by pressing the Tab key in the following CLI:

```
execute file-size-threshold {ICAP|OFTP|inline-blocking|manual-upload|network-share|sniffer}  
<size_limit_1-10240MB>
```

```
FortiNDR-VM # exec file-size-threshold ICAP  
<Size Limit>           A integer between 1~10240 for size in MB  
  
--- current value ---  
ICAP: 200 MB
```

Please make a note for each file input value.



These settings cannot be recovered after they are removed.

To upgrade the FortiNDR firmware version:

1. Back up the configuration file:
 - a. Click the Account menu at the top-right of the page.
 - b. Go to *Configuration > Backup*. The configuration file is saved to your computer.
2. Upgrade the firmware:
 - a. Go to *System > Firmware*.
 - b. Click *Upload* and navigate to the location of the file you downloaded from FortiCloud.
 - c. Click *OK*. After the firmware is upgraded the system reboots.
 - d. After the upgrade is complete, the new version of firmware should be ready. In the case where the firmware upgrade does not follow the upgrade path, or there is a VM hosting hardware failure, or a power outage during upgrade, please consider to use following CLI to restore the database.

```
execute db restore
```



This command will format the database and remove all the logs and the following settings: *Device input*, *Network Share*, *Network Share Quarantine*, *File size limit* and *Email Alert Recipients*.

3. Use the configuration settings you recorded earlier to manually restore the settings. For *Device Input*, you just need to re-authorize the device again.

FortiNDR version 7.4.7

This document provides information about FortiNDR version 7.4.7 build 0544.

These Release Notes include the following topics:

- [New features and enhancements on page 10](#)
- [System integration and support on page 10](#)
- [Supported models on page 12](#)
- [Resolved issues on page 13](#)
- [Known issues on page 14](#)

New features and enhancements



FortiNDR v7.4.7 is a patch release. There are no new features or enhancements.

System integration and support

The following integration is tested and supported in FortiNDR 7.4.7.

FOS/FortiGate	<ul style="list-style-type: none">• FortiNDR Fabric Device widgets including <i>Detection Statistics</i> and <i>System Information</i> supported in FOS 7.0.5 and higher, and 7.2.4 and higher• File submission: FOS 6.4.0 and higher (FOS 6.2 and 6.4 file submission with OFTP, via the FortiSandbox field, is tested and compatible)• FortiGate inline blocking (with AV profile) is supported in FOS 7.0.1 and higher (via HTTP2).• FortiGate quarantine via webhook 6.4.0 and higher.
FortiProxy	<ul style="list-style-type: none">• HTTP2 file submission from FortiProxy 7.0.0 and higher• FortiProxy inline blocking (with AV profile) is supported in FPX 7.0.0 and higher.
FortiAnalyzer	<ul style="list-style-type: none">• FortiAnalyzer integration is supported in FortiAnalyzer 7.0.1 and higher.
FortiSIEM	<ul style="list-style-type: none">• Integration is supported in version 6.3.0 and higher.
FortiSandbox	<ul style="list-style-type: none">• FortiSandbox integration (API submission from FortiSandbox to FortiNDR) is supported from FortiSandbox version 4.0.1 and higher.

FortiMail

- Version 7.2.0

FortiAuthenticator

- FortiAuthenticator v6.4.5 and higher is supported for 2FA token login with the GUI. Push tokens are not supported at this time.

ICAP

- FortiGate 6.4.0 and higher.
- FortiWeb 6.3.11 and higher.
- Squid and other compatible ICAP clients.
- FortiProxy 7.0.0.
- FortiNAC quarantine support (v9.2.2+)
- FortiAuthenticator v6.4.5 and higher is supported for 2FA token login with the GUI. Push tokens are not supported at this time.
- FortiSwitch quarantine via FortiLink (FortiSwitch v7.0.0+ and FortiGate v7.0.5+)



FortiNDR 7.0.1 and later supports sending both malware and NDR logs to FortiAnalyzer and FortiSIEM or other syslog devices.

FortiAnalyzer 7.2.0 supports receiving logs from FortiNDR (log view only).

FortiAnalyzer 7.2.1 supports reporting based on logs.

Supported models

FortiNDR version 7.4.7 supports the following models:

Model	Mode	Details
FortiNDR-1000F	Standalone and Sensor	
FortiNDR-3500F gen3*	Standalone and Center	Supports FortiNDR central management. For hardware details please visit hardware quick start guide or the following notice .
FortiNDR VM	Standalone, Sensor and Center	
FortiNDR KVM	Standalone, Sensor and Center	
FortiNDR on AWS (BYOL)	Standalone, Sensor and Center	
FortiNDR on GCP (BYOL)	Standalone, Sensor and Center	
FortiNDR on Alibaba (BYOL)	Standalone	
FortiNDR on Azure (BYOL)	Standalone, Sensor and Center	

*Notice about hardware generations



The hardware model is printed on the label on the back of the unit.

- FortiNDR gen3 - P24935-03 supports v7.1.x, v7.2.x, and 7.4.x
- FortiAI gen1 - P24935-01 does not support 7.1.x and 7.2.x
- FortiAI gen2 - P24935-02 does not support 7.1.x and 7.2.x

To confirm the hardware generation with the CLI:

```
get system status
```

This allows you to check the BIOS version. Gen3 models use BIOS version *00010031* and above. Any version below *00010031*, such as *00010001*, indicates a Gen2 or Gen1 model.

Resolved issues

The following issues have been fixed in version 7.4.7. For inquiries about a particular bug, contact [Customer Service & Support](#).

Bug ID	Description
1084314	FortiNDR 3500F does not display Malware Logs in Center Mode
1122075	In Center Mode FortiNDR3500F ML profiles intermittently become ON HOLD.
1128585	The Top URL drill-down feature takes too long to load.

Common Vulnerabilities and Exposures

Bug ID	Description
1092966	FortiNDR7.4.7 is no longer vulnerable to the following CVE Reference: <ul style="list-style-type: none">• CVE-2024-40588

Known issues

The following issues have been identified in version 7.4.7. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

Bug ID	Description
1137827	Admins can only delete a Source IP Profile if its associated Sensor Group is enabled in the ML Configuration.
1137829	Admins can change the sensor group after creating an associated Source IP Profile in the ML Configuration.



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