

Release Notes

FortiNDR 7.0.0



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May 30, 2022

FortiNDR 7.0.0 Release Notes

55-700-761693-20220530

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Change Log

Date	Change Description
2022-04-21	Initial release.
2022-04-26	Updated Resolved issues on page 11 .
2022-05-30	Updated Licensing and Upgrade information on page 6 .

Introduction

FortiNDR (formerly FortiAI) is the first Fortinet Network Detection and Response product from Fortinet. Apart from the Virtual Security Analyst™ with sub-second malware detection technology based on neural networks, FortiNDR is built on FortiAI's technology, extended and added features to detect Network Anomalies with auto and manual mitigation techniques.

Licensing and Upgrade information

FortiNDR requires a new SKU to enable FortiGuard downloads and lookups. The new SKUs available are:

Model	SKU	Description
FortiNDR-3500F	FAI-3500F	FortiNDR-3500F appliance for Network Anomalies and 0day/Malware Detection, based on Artificial Neural Network (ANN) technology. 2 x 10Gb GE Copper (supports 10/1000/10000 without transceivers), 2x 1 Gigabit Ethernet connection (management).
	FAI-3500F-BDL-331-DD	Hardware plus 24x7 FortiCare, with NDR and ANN engine updates & baseline.
	FC3-10-AIVMS-461-02-DD	Subscriptions license for FortiNDR-VM (16 CPU) with 24x7 FortiCare with NDR and ANN engine updates & baseline
	FC4-10-AIVMS-461-02-DD	Subscriptions license for FortiNDR-VM (32 CPU) with 24x7 FortiCare with NDR and ANN engine updates & baseline

Customers need to have the correct SKU for FortiNDR functionalities to work. If customers are running FortiAI VMs on v1.5.x versions, please follow upgrade information [below](#).

For customers running FortiAI v1.5.x and would like to enjoy FortiNDR features, a co-term upgrade is necessary. Please contact customer services at cs@fortinet.com.

FortiNDR v7.0.0 will use a new license file (than 1.5.x), therefore customers upgrading from 1.5.x should:

1. Prepare v7.0 license file via co-term upgrade.
2. Upgrade the VM/hardware.
3. Load the new license file into unit with the GUI.



If a new v7.0 license file is loaded on a 1.5.x VM, the VM will become non-functional. This does not apply to FAI-3500F hardware.

Upgrade information

- Always back up configuration before upgrade.
- Upgrade from v1.5.x and 7.0 beta 1&2 to v7.0 GA is supported.
- To upgrade the hardware or VM, please follow the procedures below:
 - Backup the configuration and take a note of version prior to upgrade.
 - Before upgrading the license from FortiAI VM v1.5.x to FortiNDR VM v7.0, you will need to download and apply the v7 firmware to the VM first. You have two options for applying the new FortiNDR contract:
 - i. (For VM and HW) You can register the new contract at <https://support.fortinet.com> as a renewal/upgrade for the existing contract/serial number. The existing license will automatically get the updated entitlement

information from FDS.

- ii. (For VM only) You can register the new contract code as a new device and get a new license and serial number. Then you can download the new license file (.lic format), and load the new license in the GUI (go to *System > FortiGuard*). After you download the license, you will now have a FortiAI VM license in addition to a FortiNDR VM license.



A FortiNDR license CANNOT be loaded to a FortiAI VM. The upgrade must be done first otherwise it might cause FortiAI VM to become inaccessible.

Downgrade from v7.0 is NOT supported, so please backup configuration before upgrade.

FortiNDR version 7.0.0

This document provides information about FortiNDR version 7.0.0 build 0010.

These Release Notes include the following topics:

- [System integration and support on page 9](#)
- [Supported models on page 10](#)
- [Resolved issues on page 11](#)
- [Known issues on page 12](#)

System integration and support

The following integration is tested and supported in FortiNDR 7.0.0.

- While FOS 6.2 and 5.6 file submission with OFTP, via the FortiSandbox field, is tested and compatible, official support for submitting files is in FOS 6.4.0 and higher.
- FortiGate inline blocking (with AV profile) is supported in FOS 7.0.1 and higher.
- FortiAnalyzer integration is supported in FortiAnalyzer 7.0.1 and higher.
- FortiSIEM integration is supported in FortiSIEM 6.3.0 and higher.
- FortiSandbox integration (API submission from FortiSandbox to FortiNDR) is supported from FortiSandbox 4.0.1 and higher.
- FortiGate quarantine via webhook 6.4.0 and higher.
- ICAP is supported for:
 - 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+)
 - FortiSwitch quarantine via FortiLink (FortiSwitch v7.0.0+ and FortiGate v7.0.5+)



Currently FortiAnalyzer and FortiSIEM will analyse FortiNDR malware logs only. NDR logs integration is planned for later stages.

Supported models

FortiNDR version 7.0.0 supports the following models:

- FortiAI-3500F & FortiNDR-3500F (same model as FortiAI-3500F)
- FortiNDR VM 16 & 32 (supports upgrade from FortiAI VM16 & 32)
- FortiNDR KVM (supports upgrade from FortiAI KVM)
- AWS (BYOL)

Resolved issues

The following issues have been fixed in version 7.0.0. For inquiries about a particular bug, contact [Customer Service & Support](#).

Bug ID	Description
742060	FAI server does not return a score.
791301	Sample processing starts to decrease after some time.
791764	Fileshare processing.
776313	Stack-based buffer overflow in CLI.
771104	Buffer overflow in TFTP client function of CLI.
772208	Buffer Underwrite in FIPS CC image verification.
780322	Path traversal vulnerabilities.
791769	Fileshare Scheduling.
791764	Fileshare processing.
717172	Improve demo app functionality.
780652	TLSv1.0 TLSv1.1 enabled by default for ICAP.
792098	FortiNDR - openssl to 1.1.1n
744292	FortiAI - OpenSSL 1.1.1l security fixes
720564	Some script files not typed properly by the typing engine
803186	Network Scan cannot handle inaccessible folders.

Known issues

The following issues have been identified in version 7.0.0. For inquiries about a particular bug or to report a bug, you can ask in beta forums on FNDN

Bug ID	Description
774148	<i>Host header injection.</i>
798877	CLI: <code>exec expandspooldisk</code> failed to expand allocated space from <code>exsi/vsphere VM/Hardware</code> , and also wiped <code>/spool</code> .
791754	Debugging related to fileshare.
801356	GUI: In Malware Log and NDR log, some filters are not working as expected.
801318	CLI: <code>execute export db-files</code> is not recognized by NDR.
793414	CSRF in HTTPd cli console
801312	CLI: <code>diag system raid-status</code> shows old/wrong VD size.
788549	User is not able to login using IDAP profile with SSL security enabled.



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