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FortiNAC - Agent Release Notes

Version F 7.6.3



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FEEDBACK

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FortiNAC F 7.6.3 Agent Release Notes

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Change log

Date	Change description
December 12, 2025	Initial release.

Overview of Version F 7.6.3



macOS Agent is a universal install package that supports x86_64 and arm64 architectures natively, eliminating the need for Rosetta.

Agent Version: F 7.6.3

Build: 0039

These Release Notes contain additional Enhancements for this FortiNAC Agent Version. Unique numbering is used for the various components of the product. To install in lower FortiNAC versions, see [Upgrade Considerations](#).

Supplemental documentation

The following can be found in Fortinet Document Library:

- Release Notes (FortiNAC software)
- OS and Software Upgrade

New Naming Convention

Agent F 7.6.0 introduced a new naming convention of the agent package .jar file.

FortiNAC Release	Supported Agent Package File Name Convention
F 7.6.0, F 7.4.0, F 7.2.8 and lower	agent-7.6.x.xxxx.jar
F 7.6.1, F 7.4.1, F 7.2.9 and greater	FNACAgent-v7.6.x.xxxx.jar

Both files are available and can be downloaded from fnac-updates.fortinet.net.

Download size

Name	Operating System	File	Size (KiB)
FortiNAC Dissolvable Agent	macOS	FortiNAC Dissolvable Agent.dmg	14,390
FortiNAC Dissolvable Agent	Linux (x86_64)	FortiNAC_Dissolvable_Agent.bin	10,398
FortiNAC Dissolvable Agent	Windows	FortiNAC Dissolvable Agent.exe	7,058
FortiNAC Mobile Agent	Android	FortiNAC Mobile Agent.apk	6,226
FortiNAC Passive Agent	Windows	FortiNAC_Passive_Agent.exe	6,930

Name	Operating System	File	Size (KiB)
FortiNAC Persistent Agent (deb)	Linux (x86_64)	fortinac-persistent-agent_7.6.3.0039-1.amd64.deb	15,416
FortiNAC Persistent Agent (dmg)	macOS	FortiNAC Persistent Agent.dmg	29,998
FortiNAC Persistent Agent (exe)	Windows	FortiNAC Persistent Agent.exe	29,707
FortiNAC Persistent Agent (msi)	Windows	FortiNAC Persistent Agent.msi	29,312
FortiNAC Persistent Agent (rpm)	Linux (x86_64)	fortinac-persistent-agent-7.6.3.0039-1.x86_64.rpm	13,389

*32 bit agent application. Will run on 32 and 64 bit systems

System Requirements

The following are the requirements for hosts to be able to install the agent:

- 2.0 GHz 64-bit processor, dual core (or two virtual CPUs)
- 4 GB RAM
- 40 MB free hard disk
- Internet access

Upgrade Path

Host Operating System	Upgrade Path	Upgrade Path Requirement (Details Under Upgrade Considerations)	Ticket #
Windows	5.3->9.4	None	N/A
	9.4 -> F 7.6.0 +	<ul style="list-style-type: none"> Requires TLSv1.3 	1021746
	5.3 -> F 7.6.0 +	<ul style="list-style-type: none"> Requires SSL server certificates using RSA Keys greater than 1024 bit 	1021804
	F 7.6.0 -> F 7.6.1+	None	N/A
macOS	5.3 -> 10.7	None	N/A
	10.7 -> F 7.6.0 +	<ul style="list-style-type: none"> Requires TLSv1.3. 	1021746
	5.3 -> F 7.6.0 +	<ul style="list-style-type: none"> Requires SSL server certificates using RSA Keys greater than 1024 bit. Unable to upgrade using FortiNAC. 	1021804 1115775,1058840
	F 7.6.0 -> F 7.6.1+	None	N/A
Linux	5.3 -> 10.7	None	N/A
	10.7 -> F 7.6.0 +	<ul style="list-style-type: none"> Requires TLSv1.3. 	1021746
	5.3 -> F 7.6.0 +	<ul style="list-style-type: none"> Requires SSL server certificates using RSA Keys greater than 1024 bit. 	1021804
	F 7.6.0 -> F 7.6.1+	None	N/A

Compatibility

The chart below lists the versions of FortiNAC and operating systems currently supported and tested with. Other FortiNAC versions and operating systems may work, but are not guaranteed.

Agent Type	Host Operating System	FortiNAC Version	FortiNAC Operating System
Windows Persistent Agent	Windows 10 Windows 11 Windows Server 2019,2022,2025	9.2.8	CentOS
		9.4.8	CentOS
		F 7.2	CentOS FortiNAC-OS
		F 7.4	CentOS FortiNAC-OS
		F 7.6	FortiNAC-OS
Windows Dissolvable Agent*	Windows 10 Windows 11 Windows Server 2019,2022,2025	F 7.2	FortiNAC-OS
		F 7.4	FortiNAC-OS
		F 7.6	FortiNAC-OS
macOS Persistent Agent	13-Ventura 14-Sonoma 15-Sequoia	9.2.8	CentOS
		9.4.8	CentOS
		F 7.2	CentOS FortiNAC-OS
		F 7.4	CentOS FortiNAC-OS
		F 7.6	FortiNAC-OS
macOS Dissolvable Agent*	13-Ventura 14-Sonoma 15-Sequoia	F 7.2	FortiNAC-OS
		F 7.4	FortiNAC-OS
		F 7.6	FortiNAC-OS
Linux Persistent Agent	Ubuntu Debian CentOS Red Hat	9.2.8	CentOS
		9.4.8	CentOS
		F 7.2	CentOS FortiNAC-OS

Agent Type	Host Operating System	FortiNAC Version	FortiNAC Operating System
		F 7.4	CentOS FortiNAC-OS
		F 7.6	FortiNAC-OS
Linux Dissolvable Agent*	Ubuntu Debian CentOS Red Hat	F 7.2	FortiNAC-OS
		F 7.4	FortiNAC-OS
		F 7.6	FortiNAC-OS
Android Mobile Agent	Android 4.1 and higher	F 7.2	FortiNAC-OS
		F 7.4	FortiNAC-OS
		F 7.6	FortiNAC-OS

*As of Agent vF 7.6.0, Dissolvable Agents are unsupported on CentOS FortiNAC systems. For details, see article <https://community.fortinet.com/t5/FortiNAC-F/Technical-Tip-TLSv1-2-disabled-as-of-Agent-vF-7-6-0/ta-p/379139>

New Features

TicketID	Description
1200788	"Scan Now" option is now available in Persistent Agent. This allows the end user to manually start a scan on their device. Scan results are displayed to the user in the Persistent Agent messages as well as within FortiNAC.

Resolved Issues

Ticket #	Description
1208392	VMware detection unable to detect later VMware versions.

Known Issues

Ticket ID	Description
1033285	Detect Trellix Antivirus
977586	Unable to download Mobile Agent from Google Playstore. Workaround: Download directly from the FortiNAC captive portal. For details, see Mobile Agent in the Administration Guide.
1112670	Currently the agent is not supported on UOS Linux distribution. Currently the Agent is not supported on Windows 10S and will not run.

Upgrade Considerations

Ticket ID	Description
1115775	<p>MacOS agents cannot be updated to agent version 7.6 using the Global Agent update function under System > Settings > Persistent Agent > Agent Update.</p> <p>Upgrade Options:</p> <ul style="list-style-type: none"> • Update Persistent Agent and Host Properties right-click options under Users & Hosts > Hosts. • Download the agent via the Captive Portal. • Push new agent package to macOS machines using a software management program. Note the following: <ul style="list-style-type: none"> • Using this method will overwrite the agent settings. Both the package and the agent settings need to be pushed. • If this process is used, then it should be used for all future agent updates and installations. <p>For details on the above options, refer to sections Deployment Methods and Stage Agent for Deployment in the Persistent Agent Deployment and Configuration Guide.</p> <p>https://docs.fortinet.com/document/fortinac-f/7.6.0/persistent-agent-deployment-and-configuration/385270/deployment-methods#_Toc137569219</p> <p>Update the agent manually on macOS machine. For instructions see Installation for macos in the Administration Guide.</p> <p>https://docs.fortinet.com/document/fortinac-f/7.6.0/administration-guide/562032/installation-for-macos</p>
1058840	<p>10.7.x agent versions cannot be updated to agent F7.x using FortiNAC. This includes:</p> <p>Update Persistent Agent and Host Properties right-click options under Users & Hosts > Hosts</p> <p>Global Agent update function under System > Settings > Persistent Agent > Agent Update</p> <p>Upgrade Options:</p> <ul style="list-style-type: none"> • Download the agent via the Captive Portal. • Push new agent package to macOS machines using a software management program. Note the following: <ul style="list-style-type: none"> • Using this method will overwrite the agent settings. Both the package and the agent settings need to be pushed. • If this process is used, then it should be used for all future agent updates and installations. <p>For details on the above options, refer to sections Deployment Methods and Stage Agent for Deployment in the Persistent Agent Deployment and Configuration Guide.</p>

Ticket ID	Description
	Update the agent manually on macOS machine. For instructions see Installation for macos in the Administration Guide .
1021746	<p>As of agent version F 7.6.0, TLSv1.2 has been disabled and requires TLSv1.3.</p> <p>Important:</p> <ul style="list-style-type: none">• Persistent Agents: Verify TLSv1.3 is enabled in FortiNAC prior to upgrade to avoid communication disruption between FortiNAC and agents. Navigate to System > Settings > Persistent Agent > Transport Configurations. For configuration details see article https://community.fortinet.com/t5/FortiNAC-F/Technical-Tip-How-to-enable-TLS-1-3-for-Persistent-Agent-in/ta-p/368545• Dissolvable and Passive Agents: Supported on FortiNAC-OS systems only. TLSv1.3 is not supported for the Portal on FortiNAC CentOS systems due to limitations in CentOS 7. Dissolvable and Passive agents interact with the FortiNAC Portal and are affected by this limitation.
1021804	<p>As of agent version F 7.6.0, server certificates with 1024-bit RSA Keys are no longer supported. To avoid communication disruption between FortiNAC and agents, customers with certificates using 1024-bit RSA Key should install new SSL certificates prior to upgrade.</p> <p>To verify the RSA Public Key installed on FortiNAC for Persistent Agent communication, navigate to System > Certificate Management and review Persistent Agent details.</p>
Agents with Security Disabled	<p>The securityEnabled setting is no longer considered by the Persistent Agent as of version 5.3.0.</p> <p>Agents running below version 5.3.0: To avoid communication disruption between FortiNAC and agents, verify the following in FortiNAC prior to upgrade:</p> <ul style="list-style-type: none">• Valid SSL certificates are installed in the Persistent Agent Certificate Target. Navigate to Security Configuration > Certificate Management.• Packet Transport Configurations must have TCP 4568 listed. Navigate to Security Configuration > Agent Settings > Transport Configuration.

Upgrade Instructions

Update Settings

Use the following Update Settings when upgrading through the FortiNAC GUI.

FortiNAC vF 7.6.2 and below: **System > Settings > Updates > System**

FortiNAC vF 7.6.3 and above: **Agent Updates** tab under **System > Settings > Updates > Agent Packages**

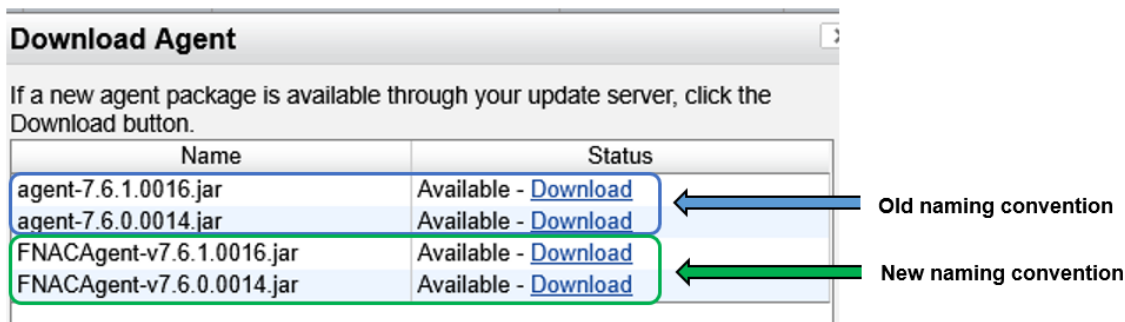
Field	Definition
Product Distribution Directory	Keep the current value.
Agent Distribution Directory	./Agent_F7

Download Agent Software

1. Navigate to the Agent Packages view.
 FortiNAC vF 7.6.2 and below: **System > Settings > Updates > Agent Packages**
 FortiNAC vF 7.6.3 and above: **Agent Packages** tab under **System > Settings > Updates > Agent Packages**
2. Display a list of available agent packages.
 FortiNAC vF 7.6.3 and above: Select **Download Agents** at the top of the page.
 FortiNAC vF 7.6.2 and below: Select **Download** at the bottom of the page.
 The agent package file names displayed will depend upon the FortiNAC version (see table below). The FortiNAC versions that display both file name conventions for the same agent package can work with either one.

FortiNAC Release	Agent Package File Name Convention Displayed
F 7.6.0, F 7.4.0, F 7.2.8 and lower	agent-7.6.x.xxxx.jar only
F 7.6.1, F 7.4.1, F 7.2.9 and greater	agent-7.6.x.xxxx.jar
	and
	FNACAgent-v7.6.x.xxxx.jar

Example (FortiNAC versions F 7.6.1 +, F 7.4.1+, F 7.2.9+)



- Click the **Download** button next to an agent package to initiate the download (see table below for selecting the appropriate name convention). A progress page is displayed until the download is complete.

Upgrading Agent Software

It is recommended to upgrade the agent using the same method as deployment.

Software Management System or Group Policy

Download the agent package from FortiNAC. For instructions, see section **Download the Persistent Agent** for custom distribution in the appropriate Administration Guide:

- [Version F 7.6](#)
- [Version F 7.4](#)
- [Version F 7.2](#)
- [Version 9.4](#)

When using Group Policies, add the new agent package and list it as an upgrade to the previous versions. Ensure any previous package referenced by the GPO remains in place until all hosts have successfully moved off that version. For assistance, consult vendor documentation.

FortiNAC Captive Portal

For Persistent Agents distributed via the Captive Portal, see section **Upgrade the Persistent Agent** of the appropriate Administration Guide for agent upgrade instructions.

- [Version F 7.6](#)
- [Version F 7.4](#)
- [Version F 7.2](#)
- [Version 9.4](#)

Numbering Conventions

Fortinet is using the following version number format:

<First Number>.<Second Number>.<Third Number>.<Fourth Number>

Example: 8.0.6.15

- First Number = major version
- Second Number = minor version
- Third Number = maintenance version
- Fourth Number = build version

Release Notes pertain to a certain version of the product. Release Notes are revised as needed. The Rev letter increments accordingly. For example, updating the Release Notes from Rev C to Rev D indicates changes in the Release notes only -- no changes were made to the product.

The next number represents the version in which a Known Anomaly was added to the release notes (for example, V8.0).



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