Release Notes

FortiClient (macOS) 7.4.2

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FortiClient (macOS) 7.4.2 Release Notes
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Change log

Date	Change description
2024-12-11	Initial release.

Introduction

This document provides a summary of enhancements, support information, and installation instructions for FortiClient (macOS) 7.4.2 build 1717.

This document includes the following sections:

- Special notices on page 6
- Installation information on page 10
- Product integration and support on page 12
- Resolved issues on page 14
- Known issues on page 15

Review all sections prior to installing FortiClient. For more information, see the *FortiClient Administration Guide*.

Fortinet uses the following version number format:

<Major version number>.<minor version number>.<patch number>.<build number>

Example: 7.4.2.1717

Release Notes correspond to a certain version and build number of the product.

Licensing

See Windows, macOS, and Linux endpoint licenses.

Special notices

Enabling full disk access

FortiClient (macOS) works properly only when you grant permissions to access the full disk in the *Security & Privacy* pane for the following services:

- fctservctl2
- FortiClient

The following lists the services and their folder locations:

- Fctservctl2: `/Library/Application\ Support/Fortinet/FortiClient/bin/`
- FortiClient (macOS) application: `/Applications/FortiClient.app`

Activating system extensions

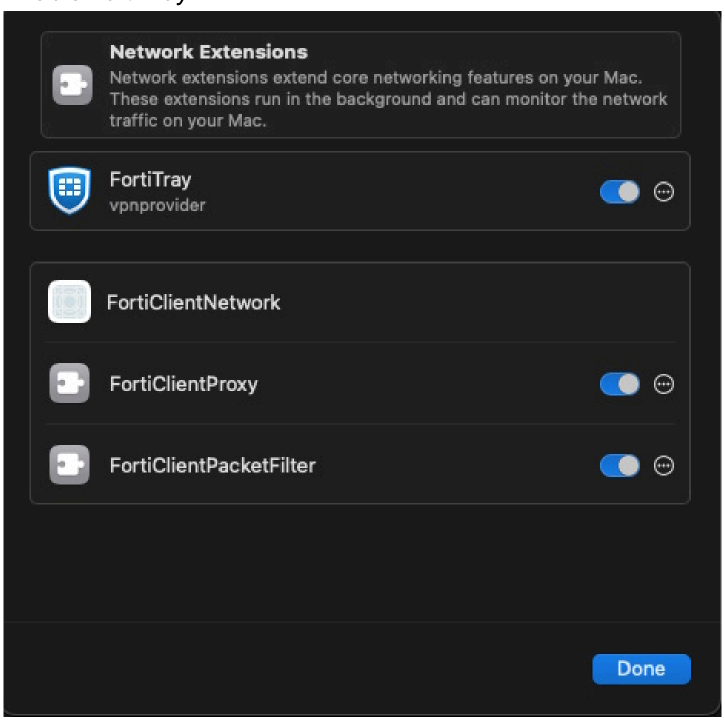
After you initially install FortiClient (macOS), the device prompts you to allow some settings and disk access for FortiClient (macOS) processes. You must have administrator credentials for the macOS machine to configure this change.

VPN

You must allow the macOS system software to load the FortiTray.

To allow FortiTray to load:

1. Do one of the following:
    - If using macOS Sequoia (version 15), go to *Settings* > *General* > *Login Items & Extensions* > *Network Extensions*.
    - If using another macOS version, go to *Settings* > *Privacy & Security*.
2. Enable *FortiTray*.

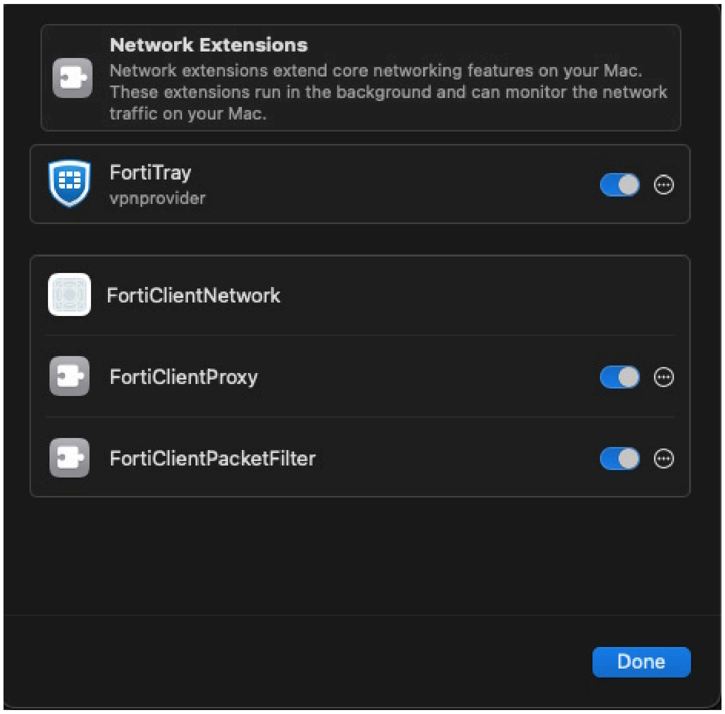


Web Filter and Application Firewall

You must enable the FortiClientProxy extension for Web Filter to work properly. You must enable the FortiClientPacketFilter extension for Application Firewall and network lockdown to work properly. The FortiClient (macOS) team ID is AH4XFXJ7DK.

To enable the FortiClientNetwork extension:

1. Do one of the following:
   - If using macOS Sequoia (version 15), go to *Settings* > *General* > *Login Items & Extensions* > *Network Extensions*.
   - If using another macOS version, go to *Settings* > *Privacy & Security*.
2. Enable the *FortiClientProxy* and *FortiClientPacketFilter* toggles.



3. Verify the extension status by running `systemextensionsctl list` in the macOS terminal. In the output, the FortiClientPacketFilter extension displays as macos.webfilter. The following provides example output when the extension is enabled:

```
→ ~ systemextensionsctl list | grep fortinet
*      *      AH4XFXJ7DK      com.fortinet.forticlient.macos.webfilter (7.2.5/0916)    FortiClientPacketFilter [activated enabled]
*      *      AH4XFXJ7DK      com.fortinet.forticlient.macos.vpn.nwextension (7.2.5/0916)      vpnprovider      [activated enabled]
*      *      AH4XFXJ7DK      com.fortinet.forticlient.macos.proxy (7.2.5/0916)       FortiClientProxy        [activated enabled]
```

Proxy mode extension

The com.fortinet.forticlient.macos.proxy system extension works as a proxy server to proxy a TCP connection. macOS manages the extension's connection status and other statistics. This resolves the issue that Web Filter fails to work when SSL and IPsec VPN are connected.

FortiClient (macOS) automatically installs the extension on an M1 Pro or newer macOS device.

Enabling notifications

After initial installation, macOS prompts the user to enable FortiClient (macOS) notifications.

To enable notifications:

1. Go to *System Preferences* > *Notifications* > *FortiGuardAgent*.
2. Toggle *Allow Notifications* on.

DHCP over IPsec VPN not supported

FortiClient (macOS) does not support DHCP over IPsec VPN.

Running multiple FortiClient instances

FortiClient (macOS) does not support running multiple FortiClient instances for different users simultaneously.

FortiGuard Web Filtering Category v10 Update

Fortinet has updated its web filtering categories to v10, which includes two new URL categories for AI chat and cryptocurrency websites. To use the new categories, customers must upgrade their Fortinet products to one of the following versions:

- FortiManager - Fixed in 6.0.12, 6.2.9, 6.4.7, 7.0.2, 7.2.0, 7.4.0.
- FortiOS - Fixed in 7.2.8 and 7.4.1.
- FortiClient - Fixed in Windows 7.2.3, macOS 7.2.3, Linux 7.2.3.
- FortiClient EMS - Fixed in 7.2.1.
- FortiMail - Fixed in 7.0.7, 7.2.5, 7.4.1.
- FortiProxy - Fixed in 7.4.1.

Please read the following CSB for more information to caveats on the usage in FortiManager and FortiOS: https://support.fortinet.com/Information/Bulletin.aspx

IPsec VPN support limitation

Due to a macOS limitation, IPsec VPN tunnels are not supported on macOS Guest VMs using bridged network connections.

Installation information

Firmware images and tools

The following files are available from the Fortinet support site:

File	Description
FortiClientTools_7.4.2.1717_macosx.tar.gz	Includes utility tools and files to help with installation.
FortiClientVPNSetup_7.4.2.1717_macosx.dmg	Free VPN-only installer.

The following files are available from Fortinet.com:

File	Description
FortiClient_OnlineInstaller.dmg	Standard installer for macOS.
FortiClientVPNSetup_7.4.2.1717_macosx.dmg	Free VPN-only installer.

FortiClient EMS 7.4.2 includes the FortiClient (macOS) 7.4.2 standard installer.

Review the following sections prior to installing FortiClient version 7.4.2: Introduction on page 5, Special notices on page 6, and Product integration and support on page 12.

Upgrading from previous FortiClient versions

You must upgrade EMS to 7.2 or later before upgrading FortiClient.

FortiClient 7.4.2 supports upgrade from FortiClient 6.4 and 7.0.

FortiClient (macOS) 7.4.2 features are only enabled when connected to EMS 7.2 and later.

See Recommended upgrade path for information on upgrading FortiClient (macOS) 7.4.2.

Downgrading to previous versions

FortiClient 7.4.2 does not support downgrading to previous FortiClient versions.

Uninstalling FortiClient

The EMS administrator may deploy uninstall to managed FortiClient (macOS) endpoints.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal. After logging in, click on *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product integration and support

The following table lists FortiClient (macOS) 7.4.2 product integration and support information:

Desktop operating systems	• macOS Sequoia (version 15) • macOS Sonoma (version 14) • macOS Ventura (version 13)
Minimum system requirements	• Intel processor or M1 or M2 chip • 1 GB of RAM • 1 GB of free hard disk drive (HDD) space • TCP/IP communication protocol • Ethernet NIC for network connections • Wireless adapter for wireless network connections • Adobe Acrobat Reader for viewing FortiClient documentation
AV engine	• 7.00027
FortiClient EMS	• 7.2.0 and later
FortiOS	The following versions support zero trust network access: • 7.4.0 and later • 7.2.0 and later • 7.0.6 and later The following versions support IPsec and SSL VPN: • 7.4.0 and later • 7.2.0 and later • 7.0.0 and later • 6.4.0 and later
FortiAnalyzer	• 7.4.0 and later • 7.2.0 and later • 7.0.0 and later
FortiManager	• 7.4.0 and later • 7.2.0 and later • 7.0.0 and later
FortiSandbox	• 4.4.0 and later • 4.2.0 and later • 4.0.0 and later • 3.2.0 and later
FortiAuthenticator	• 6.5.0 and later • 6.4.0 and later • 6.3.0 and later • 6.2.0 and later
FortiEDR for macOS	• 6.0.8.1006

Language support

The following table lists FortiClient language support information:

Language	GUI	XML configuration	Documentation
English	Yes	Yes	Yes
Chinese (simplified)	Yes		
Chinese (traditional)	Yes		
French (France)	Yes		
German	Yes		
Japanese	Yes		
Korean	Yes		
Portuguese (Brazil)	Yes		
Russian	Yes		
Spanish (Spain)	Yes		

The FortiClient language setting defaults to the regional language setting configured on the client workstation unless configured in the XML configuration file.

If the client workstation is configured to a regional language setting that FortiClient does not support, it defaults to English.

Resolved issues

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

Remote Access - SSL VPN

Bug ID	Description
1102807	SAML authentication popup has issue when OS is not in English.

Known issues

Known issues are organized into the following categories:

- New known issues on page 15
- Existing known issues on page 15

To inquire about a particular bug or to report a bug, contact Customer Service & Support.

New known issues

No new issues have been identified in FortiClient (macOS) 7.4.2.

Existing known issues

The following issues have been identified in a previous version of FortiClient (macOS) and remain in FortiClient (macOS) 7.4.2.

Endpoint control

Bug ID	Description
958511	FortiClient (macOS) does not support Microsoft Entra ID (formerly known as Azure Active Directory) verification when joining EMS.
1029889	FortiClient ffconfig leaves behind many zombie processes.
1031812	User can turn off autoconnect on FortiClient when it is pushed from EMS.

Endpoint management

Bug ID	Description
1091756	Endpoint one-way message does not work after system sleep or wakeup.

Endpoint policy and profile

Bug ID	Description
1092879	Deselecting *Save Password* field updates vpn.plist and removes existing IPv4SplitExcludeNetworks configuration.

Installation and upgrade

Bug ID	Description
975336	macOS deployment fails if installer name includes space.

Malware Protection and Sandbox

Bug ID	Description
1087180	Real-time protection does not detect or quarantine when downloading Eicar sample files through Safari and only works when accessing files.

Quarantine management

Bug ID	Description
1091718	FortiClient (macOS) fails to upload quarantine file list to EMS 7.4.

Third-party compatibility

Bug ID	Description
961542	FortiClient and Microsoft Defender conflict due to system processes used in overlapping real-time protection features. **Workaround**: enable passive mode can be enabled on Microsoft Defender.
1085782	Cisco Umbrella does not work when zero trust network access is enabled.

Web Filter and plugin

Bug ID	Description
971415	FortiClient (macOS) blocks images embedded with URLs on all email clients.

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