

# Release Notes

## FortiClient (Windows) 7.2.9



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FortiClient (Windows) 7.2.9 Release Notes

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# Change log

Date	Change description
2025-04-09	Initial release of 7.2.9.
2025-04-21	Added <a href="#">Zero trust network access connection rules</a> on page 15. Updated <a href="#">Product integration and support</a> on page 9.

# Introduction

This document provides a summary of enhancements, support information, and installation instructions for FortiClient (Windows) 7.2.9 build 1185.

- [Special notices on page 6](#)
- [Installation information on page 7](#)
- [Product integration and support on page 9](#)
- [Resolved issues on page 13](#)
- [Known issues on page 16](#)

Review all sections prior to installing FortiClient.

FortiClient (Windows) 7.2.9 components that interact with Microsoft Security Center are signed with an Azure Code Signing certificate, which fulfills Microsoft requirements.

Fortinet uses the following version number format:

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

Example: 7.2.9.1185

Release Notes pertain to a certain version of the product. Release Notes are revised as needed.

## Licensing

See [Windows, macOS, and Linux endpoint licenses](#).

FortiClient 7.2.9 offers a free VPN-only version that you can use for VPN-only connectivity to FortiGate devices running FortiOS 5.6 and later versions. You can download the VPN-only application from [FortiClient.com](https://forticlient.com).

FortiClient offers a free standalone installer for the single sign on mobility agent. This agent does not include technical support.

# Special notices

## SAML IdP configuration for Save Password

FortiClient provides an option to the end user to save their VPN login password with or without SAML configured. When using SAML, this feature relies on persistent sessions being configured in the identity provider (IdP), discussed as follows:

- [Microsoft Entra ID](#)
- [Okta](#)

If the IdP does not support persistent sessions, FortiClient cannot save the SAML password. The end user must provide the password to the IdP for each VPN connection attempt.

The FortiClient save password feature is commonly used along with autoconnect and always-up features.

## 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>

## Nested VPN tunnels

FortiClient (Windows) does not support parallel independent VPN connections to different sites. However, FortiClient (Windows) may still establish VPN connection over existing third-party (for example, AT&T Client) VPN connection (nested tunnels).

# Installation information

## Firmware images and tools

The following files are available in the firmware image file folder:

File	Description
FortiClientTools_7.2.9.1185.zip	Zip package containing miscellaneous tools, including VPN automation files.
FortiClientSSOSetup_7.2.9.1185_x64.zip	Fortinet single sign on (FSSO)-only installer (64-bit).
FortiClientVPNSetup_7.2.9.1185_x64.exe	Free VPN-only installer (64-bit).

EMS 7.2.9 includes the FortiClient (Windows) 7.2.9 standard installer and zip package containing FortiClient.msi and language transforms.

The following tools and files are available in the FortiClientTools\_7.2.9.1185.zip file:

File	Description
OnlineInstaller	Installer files that install the latest FortiClient (Windows) version available.
SSLVPNcmdline	Command line SSL VPN client.
SupportUtils	Includes diagnostic, uninstallation, and reinstallation tools.
VPNAutomation	VPN automation tool.
VC_redist.x64.exe	Microsoft Visual C++ 2015 Redistributable Update (64-bit).
vc_redist.x86.exe	Microsoft Visual C++ 2015 Redistributable Update (86-bit).
CertificateTestx64.exe	Test certificate (64-bit).
CertificateTestx86.exe	Test certificate (86-bit).
FCRemove.exe	Remove FortiClient if unable to uninstall FortiClient (Windows) via Control Panel properly.
FCUnregister.exe	Deregister FortiClient (Windows).
FortiClient_Diagnostic_tool.exe	Collect FortiClient diagnostic result.
ReinstallNIC.exe	Remove FortiClient SSLVPN and IPsec network adapter, if not uninstall it via control panel.
RemoveFCTID.exe	Remove FortiClient UUID.

The following files are available on [FortiClient.com](https://www.fortinet.com):

File	Description
FortiClientSetup_7.2.9.1185_x64.zip	Standard installer package for Windows (64-bit).
FortiClientVPNSetup_7.2.9.1185_x64.exe	Free VPN-only installer (64-bit).



Review the following sections prior to installing FortiClient version 7.2.9: [Introduction on page 5](#) and [Product integration and support on page 9](#).

## Upgrading from previous FortiClient versions

To upgrade a previous FortiClient version to FortiClient 7.2.9, do one of the following:

- Deploy FortiClient 7.2.9 as an upgrade from EMS. See [Recommended upgrade path](#).
- Manually uninstall existing FortiClient version from the device, then install FortiClient (Windows) 7.2.9.

FortiClient (Windows) 7.2.9 features are only enabled when connected to EMS 7.2.

See the [FortiClient and FortiClient EMS Upgrade Paths](#) for information on upgrade paths.

You must be running EMS 7.2 before upgrading FortiClient.

## Downgrading to previous versions

FortiClient (Windows) 7.2.9 does not support downgrading to previous FortiClient (Windows) versions.

## 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 *Download > Firmware Image Checksum*, enter the image file name, including the extension, and select *Get Checksum Code*.

# Product integration and support

The following table lists version 7.2.9 product integration and support information:

<b>Desktop operating systems</b>	<ul style="list-style-type: none"><li>• Microsoft Windows 11 (64-bit)</li><li>• Microsoft Windows 10 (64-bit)</li></ul>
<b>Server operating systems</b>	<ul style="list-style-type: none"><li>• Microsoft Windows Server 2022</li><li>• Microsoft Windows Server 2019</li></ul> <p>FortiClient 7.2.9 does not support Windows Server Core.</p> <p>For Microsoft Windows Server, FortiClient (Windows) supports the Vulnerability Scan, SSL VPN, Web Filter, and antivirus (AV) features, including obtaining a Sandbox signature package for AV scanning. To use SSL VPN on a Windows Server machine, you must enable your browser to accept cookies. Otherwise, tunnel connection fails.</p> <p>Microsoft Windows Server 2019 supports zero trust network access (ZTNA) with FortiClient (Windows) 7.2.9.</p> <p>As FortiClient does not support Application Firewall on a Windows Server machine, do not install the Application Firewall module on a Windows Server machine. Doing so may cause performance issues.</p>
<b>Minimum system requirements</b>	<ul style="list-style-type: none"><li>• Microsoft Windows-compatible computer with Intel processor or equivalent. FortiClient (Windows) does not support ARM-based processors.</li><li>• Compatible operating system and minimum 2 GB RAM</li><li>• 1 GB free hard disk space</li><li>• Native Microsoft TCP/IP communication protocol</li><li>• Native Microsoft PPP dialer for dialup connections</li><li>• Ethernet network interface controller (NIC) for network connections</li><li>• Wireless adapter for wireless network connections</li><li>• Adobe Acrobat Reader for viewing FortiClient documentation</li><li>• Windows Installer MSI installer 3.0 or later</li></ul>
<b>AV engine</b>	<ul style="list-style-type: none"><li>• 6.00301</li></ul>
<b>VCM engine</b>	<ul style="list-style-type: none"><li>• 2.0040</li></ul>
<b>FortiAnalyzer</b>	<ul style="list-style-type: none"><li>• 7.4.0 and later</li><li>• 7.2.0 and later</li><li>• 7.0.0 and later</li></ul>
<b>FortiAuthenticator</b>	<ul style="list-style-type: none"><li>• 6.5.0 and later</li><li>• 6.4.0 and later</li><li>• 6.3.0 and later</li><li>• 6.2.0 and later</li><li>• 6.1.0 and later</li><li>• 6.0.0 and later</li></ul>
<b>FortiClient EMS</b>	<ul style="list-style-type: none"><li>• 7.4.0 and later</li></ul>

	<ul style="list-style-type: none"> <li>• 7.2.0 and later</li> </ul>
<b>FortiManager</b>	<ul style="list-style-type: none"> <li>• 7.4.0 and later</li> <li>• 7.2.0 and later</li> <li>• 7.0.0 and later</li> </ul>
<b>FortiMonitor agent</b>	24.3.3
<b>FortiOS</b>	<p>The following FortiOS versions support ZTNA with FortiClient (Windows) 7.2.9. This includes both ZTNA access proxy and ZTNA tags:</p> <ul style="list-style-type: none"> <li>• 7.4.0 and later</li> <li>• 7.2.0 and later</li> <li>• 7.0.6 and later</li> </ul> <p>The following FortiOS versions support IPsec and SSL VPN with FortiClient (Windows) 7.2.9:</p> <ul style="list-style-type: none"> <li>• 7.4.0 and later</li> <li>• 7.2.0 and later</li> <li>• 7.0.0 and later</li> <li>• 6.4.0 and later</li> </ul>
<b>FortiSandbox</b>	<ul style="list-style-type: none"> <li>• 4.4.0 and later</li> <li>• 4.2.0 and later</li> <li>• 4.0.0 and later</li> <li>• 3.2.0 and later</li> </ul>

## 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.



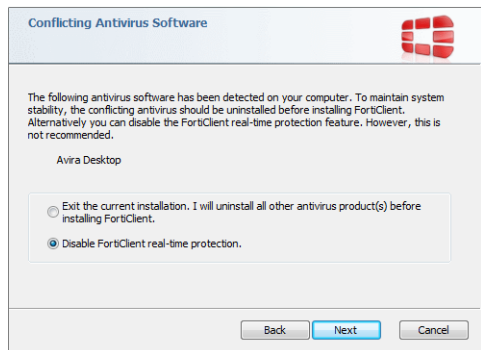
If the client workstation is configured to a regional language setting that FortiClient does not support, it defaults to English.

## Conflict with third-party endpoint protection software

As a Fortinet Fabric Agent that provides protection, compliance, and secure access, FortiClient may conflict with anti-malware products on the market that provide similar AV, web filtering, application firewall, and ransomware protection features as FortiClient. If you encounter a conflict, there are a few steps you can take to address it:

- Do not use other AV products when FortiClient's AV feature is enabled.
- If FortiClient's AV feature is disabled, configure the third party AV product to exclude the FortiClient installation folder from being scanned.

During a new FortiClient installation, the installer searches for other registered third party software and, if it finds any, warns users to uninstall them before proceeding with the installation. There is also an option to disable FortiClient real time protection.



## Intune product codes

Deploying FortiClient with Intune requires a product code. The product codes for FortiClient 7.2.9 are as follows:

Version	Product code
Enterprise	B34BA2F5-7F43-481E-90A7-B343A70F2947
VPN-only agent	CEAB81B8-1682-456F-A385-9FDA68C6361D

Version	Product code
Private access management-only agent	E6A3800D-EB2E-4CF1-938F-D25DB72B92FA
Single sign on-only agent	BC5AE9F7-1BE3-4C2B-9BA9-D141F31C6DE2

See [Configuring the FortiClient application in Intune](#).

# Resolved issues

The following issues have been fixed in version 7.2.9. For inquiries about a particular bug, contact [Customer Service & Support](#).

## Deployment and installers

Bug ID	Description
1104334	Deployment messages is in English for PC with the local language not set to English.
1113057	Install does not follow unsupervised scheduled deployment time.

## Endpoint control

Bug ID	Description
1023729	When detecting Fortinet Security Fabric status via DHCP code, local subnet does not work as expected after connecting to VPN.
1087936	EMS disconnect password with special characters does not work.

## Install and upgrade

Bug ID	Description
995379	Fortinet single sign on mobility agent does not properly install on CIS hardened Windows 10 and 11 image.

## Remote Access

Bug ID	Description
706804	Disabling local LAN access does not restrict remote access.
1027199	FortiClient (Windows) does not log in to system when using SAML VPN before logon.
1051036	FortiClient (Windows) 7.2 does not support IPsec VPN SAML authentication using Electron and must support before logon and after logon scenarios.
1109326	<keep_fqdn_resolution_consistency>1</keep_fqdn_resolution_consistency> appends entry to same line in hosts file.
1111890	VPN before logon fails to login to hybrid joined Windows as FortiClient (Windows) uses incorrect username format(username@azure_domain).

## Remote Access - IPsec VPN

Bug ID	Description
1085855	Saved password becomes empty after reboot when multifactor authentication (MFA), autoconnect, and client certificate are enabled on IPsec VPN.
1091700	High volume of LDAP traffic occurs when endpoint is connected to tunnel.
1099714	When connecting to IPsec VPN with RADIUS authentication (Microsoft Entra ID), FortiClient (Windows) clears password field when asking for MFA.
1099737	Excessive FortiClient LDAP queries occur.
1101972	Speed on dialup IPsec VPN with GCM cipher is lower compared to AES256.
1121089	Listening IP address changes when connected to IPsec VPN.
1123378	Abnormal FortiClient (Windows) dead peer detection behavior occurs after FortiClient phase 1 IKE SA is rekeyed (FortiClient (Windows) sending create-child request).
1126275	Performance issues (limited maximum throughput) occur on IPsec VPN dialup with phase 2 AES-GCM.

## Remote Access - SSL VPN

Bug ID	Description
786869	FortiClient (Windows) does not support changing SSL VPN virtual adapter MTU dynamically via EMS configuration.
1070783	VPN cannot connect. After successful authentication, it redirects to the connect page multiple times.
1085875	FortiClient ignores partial certificate filters and requires both common name and issuer XML tags.
1101287	SSL certificate warning displays for valid certificates if switching between valid certificates in FortiGate.
1103361	FortiClient (Windows) fails to autoconnect after deploying FortiClient (Windows) on Windows machine that enabled passwordless automatic login.
1105603	VPN does not autoconnect when automatic login is enabled on Windows endpoint.
1110569	FortiClient (Windows) connects to pre-login tunnel after user logs in and connects to telemetry.
1111300	SSL VPN tunnel does not connect for almost 15 minutes when coming from sleep mode.
1111305	Autoconnect triggers when endpoint wakes from sleep or powers on in on-Fabric location.
1113004	SSL VPN gets stuck on 98% if hostname contains characters with umlauts, such as ä, ö, or ü.

## Zero trust network access connection rules

Bug ID	Description
1130065	fortitransctrl.sys causes blue screen of death.

## Other

Bug ID	Description
1131418	Diagnostic file retrieved from the client via FortiClient Cloud is corrupted.

# Known issues

Known issues are organized into the following categories:

- [New known issues on page 16](#)
- [Existing known issues on page 17](#)

To inquire about a particular bug or to report a bug, contact [Customer Service & Support](#).

## New known issues

The following issues have been identified in version 7.2.9.

### Remote Access - IPsec VPN

Bug ID	Description
946059	With VPN up, after signing out from the OS, tunnel disconnects whether <disconnect_on_log_off> is enabled or disabled.

### Remote Access - SSL VPN

Bug ID	Description
1132591	SSL VPN drops when uploading files to SMB file share.

### ZTNA connection rules

Bug ID	Description
1114766	Zero trust network access (ZTNA) bypasses all traffic from FortiClient FortiESNAC process.

## Existing known issues

The following issues have been identified in a previous version of FortiClient (Windows) and remain in FortiClient (Windows) 7.2.9.

### Avatar and social network login

Bug ID	Description
777013	Avatar image change or existing does not show on FortiAnalyzer.

### Malware Protection and Sandbox

Bug ID	Description
1103310	Message in German on reboot prompt does not show completely.

### Remote Access

Bug ID	Description
999139	Laptop Wi-Fi DNS setting gets stuck in unknown DNS server after FortiClient (Windows) connects to and disconnects from VPN.

### Remote Access - SSL VPN

Bug ID	Description
994884	SSL VPN connections get stuck on 40%.
997131	FortiClient (Windows) continuously attempts connection and retains outdated saved password despite autoconnect failure for SSL VPN.
1091993	With <i>Disable Connect/Disconnect</i> on, FortiClient (Windows) loses saved VPN user credentials when waking from sleep.

## Web Filter and plugin

Bug ID	Description
1106128	FortiClient cannot block or warn unauthorized websites when Web Filter extension is disabled.

## ZTNA connection rules

Bug ID	Description
1090041	If IPv6 is enabled on the Windows network adapter, access proxies are bypassed, including Inline CASB.



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