

Release Notes

FortiClient (Windows) 7.0.5



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FortiClient (Windows) 7.0.5 Release Notes

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Change log

| Date | Change Description |
|------------|---------------------------|
| 2022-05-02 | Initial release of 7.0.5. |
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| | |

Introduction

This document provides a summary of enhancements, support information, and installation instructions for FortiClient (Windows) 7.0.5 build 0238.

- [Installation information on page 6](#)
- [Product integration and support on page 8](#)
- [Resolved issues on page 11](#)
- [Known issues on page 12](#)

Review all sections prior to installing FortiClient.

Licensing

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

FortiClient 7.0.5 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.

Installation information

Firmware images and tools

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

| File | Description |
|--|---|
| FortiClientTools_7.0.5.xxxx.zip | Zip package containing miscellaneous tools, including VPN automation files. |
| FortiClientSSOSetup_7.0.5.xxxx.zip | Fortinet Single Sign On (FSSO)-only installer (32-bit). |
| FortiClientSSOSetup_7.0.5.xxxx_x64.zip | FSSO-only installer (64-bit). |
| FortiClientVPNSetup_7.0.5.xxxx.exe | Free VPN-only installer (32-bit). |
| FortiClientVPNSetup_7.0.5.xxxx_x64.exe | Free VPN-only installer (64-bit). |

EMS 7.0.5 includes the FortiClient (Windows) 7.0.5 standard installer and zip package containing FortiClient.msi and language transforms.

The following tools and files are available in the FortiClientTools_7.0.xx.xxxx.zip file:

| File | Description |
|-------------------------|--|
| FortiClientVirusCleaner | Virus cleaner. |
| 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). |

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

| File | Description |
|-------------------------------------|--|
| FortiClientSetup_7.0.5.xxxx.zip | Standard installer package for Windows (32-bit). |
| FortiClientSetup_7.0.5.xxxx_x64.zip | Standard installer package for Windows (64-bit). |

| File | Description |
|--|-----------------------------------|
| FortiClientVPNSetup_7.0.5.xxxx.exe | Free VPN-only installer (32-bit). |
| FortiClientVPNSetup_7.0.5.xxxx_x64.exe | Free VPN-only installer (64-bit). |



Review the following sections prior to installing FortiClient version 7.0.5: [Introduction on page 5](#) and [Product integration and support on page 8](#).

Upgrading from previous FortiClient versions

To upgrade a previous FortiClient version to FortiClient 7.0.5, do one of the following:

- Deploy FortiClient 7.0.5 as an upgrade from EMS. With the endpoint security improvement feature, there are backward compatibility issues to consider while planning upgrades. See [Recommended upgrade path](#).
- Manually uninstall existing FortiClient version from the device, then install FortiClient (Windows) 7.0.5

FortiClient (Windows) 7.0.5 features are only enabled when connected to EMS 7.0.

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

You must be running EMS 7.0.2 or later before upgrading FortiClient.

Downgrading to previous versions

FortiClient (Windows) 7.0.5 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 7.0.5 product integration and support information:

| | |
|--|---|
| Desktop operating systems | <ul style="list-style-type: none">• Microsoft Windows 11 (64-bit)• Microsoft Windows 10 (32-bit and 64-bit)• Microsoft Windows 8.1 (32-bit and 64-bit)• Microsoft Windows 7 (32-bit and 64-bit) <p>FortiClient 7.0.5 does not support Microsoft Windows XP and Microsoft Windows Vista.</p> |
| Server operating systems | <ul style="list-style-type: none">• Microsoft Windows Server 2022• Microsoft Windows Server 2019• Microsoft Windows Server 2016• Microsoft Windows Server 2012 R2• Microsoft Windows Server 2012• Microsoft Windows Server 2008 R2 <p>FortiClient 7.0.5 does not support Windows Server Core.</p> <p>For Microsoft Windows Server, FortiClient (Windows) supports the Vulnerability Scan, SSL VPN, Web Filter, and AV features, including obtaining a Sandbox signature package for antivirus (AV) scanning. To use SSL VPN on a Windows Server machine, you must enable your browser to accept cookies. Otherwise, tunnel connection fails.</p> |
| Embedded system operating systems | Microsoft Windows 10 IoT Enterprise LTSC 2019 |
| Minimum system requirements | <ul style="list-style-type: none">• Microsoft Windows-compatible computer with Intel processor or equivalent. FortiClient (Windows) does not support ARM-based processors.• Compatible operating system and minimum 512 MB RAM• 600 MB free hard disk space• Native Microsoft TCP/IP communication protocol• Native Microsoft PPP dialer for dialup connections• Ethernet network interface controller (NIC) for network connections• Wireless adapter for wireless network connections• Adobe Acrobat Reader for viewing FortiClient documentation• Windows Installer MSI installer 3.0 or later |
| AV engine | <ul style="list-style-type: none">• 6.00266 |
| FortiAnalyzer | <ul style="list-style-type: none">• 7.0.0 and later |
| FortiAuthenticator | <ul style="list-style-type: none">• 6.4.0 and later• 6.3.0 and later• 6.2.0 and later• 6.1.0 and later• 6.0.0 and later |

| | |
|------------------------|--|
| FortiClient EMS | <ul style="list-style-type: none"> 7.0.0 and later |
| FortiManager | <ul style="list-style-type: none"> 7.0.0 and later |
| FortiOS | <p>The following FortiOS versions support Zero Trust Network Access with FortiClient (Windows) 7.0.5. This includes both ZTNA access proxy and ZTNA tags:</p> <ul style="list-style-type: none"> 7.0.4 and later <p>The following FortiOS versions support IPsec and SSL VPN with FortiClient (Windows) 7.0.5:</p> <ul style="list-style-type: none"> 7.0.0 and later 6.4.0 and later 6.2.0 and later 6.0.0 and later |
| FortiSandbox | <ul style="list-style-type: none"> 4.0.0 and later 3.2.0 and later 3.1.0 and later 3.0.0 and later 2.5.0 and later |

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.



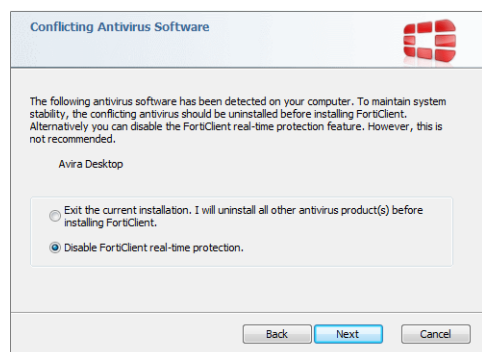
If the client workstation is configured to a regional language setting that FortiClient does not support, it defaults to English.

Conflicts with third party AV products

The AV feature in FortiClient is known to conflict with other similar products in the market.

- You should not use FortiClient's AV feature with other AV products.
- If not using FortiClient's AV feature, you should exclude the FortiClient installation folder from scanning for the third party AV product.

During a new installation of FortiClient, 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 (RTP).



Resolved issues

The following issues have been fixed in version 7.0.5. For inquiries about a particular bug, contact [Customer Service & Support](#).

Other

| Bug ID | Description |
|--------|---|
| 804062 | FortiClient (Windows) fails to register to Windows Security Center. |

Known issues

The following issues have been identified in FortiClient (Windows) 7.0.5. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

Install and upgrade

| Bug ID | Description |
|--------|--|
| 749331 | Windows Security setting in Windows displays <i>FortiClient is snoozed</i> when FortiEDR is installed. |
| 773219 | FortiClient (Windows) should not allow user to uninstall it if settings are unlocked. |

Application Firewall

| Bug ID | Description |
|--------|---|
| 717628 | Application Firewall causes issues with Motorola RMS high availability client. |
| 776007 | Application Firewall conflict with Windows firewall causes issues updating domain group policies. |
| 790397 | FortiClient (Windows) blocks IPv6 traffic. |

GUI

| Bug ID | Description |
|--------|---|
| 773355 | FortiClient has display issue with umlauts on the Web Filter tab. |
| 793577 | Disclaimer message is unreadable. |

Zero Trust tags

| Bug ID | Description |
|--------|---|
| 726835 | FortiOS cannot get the updated VPN IP address in firewall dynamic EMS tag address when FortiClient establishes the VPN tunnel. |
| 731525 | FortiClient (Windows) does not properly detect Zero Trust tag that requires endpoint to not have antivirus (AV) signature up-to-date. |
| 770636 | FortiClient (Windows) does not remove Zero Trust Network Access (ZTNA) tag for AV signature being up-to-date. |
| 782394 | ZTNA user identity tags do not work. |
| 782869 | Zero trust tag fails to work for file with environments variable in its file path. |

Endpoint control

| Bug ID | Description |
|--------|---|
| 738813 | FortiESNAC process causes high CPU. |
| 753663 | When using off-net profile with antivirus protection enabled, FortiClient (Windows) does not show Malware Protection in navigation bar. |
| 779267 | FortiClient does not get updated profile and does not sync. |
| 780368 | With password protection for disconnection, <i>Allow User to Shutdown When Registered to EMS</i> fails to work. |
| 802261 | FortiClient does not trigger tag message for network event changes. |

Endpoint management

| Bug ID | Description |
|--------|---|
| 760816 | Group assignment rules based on IP addresses do not work when using split tunnel. |

Configuration

| Bug ID | Description |
|--------|---|
| 730415 | FortiClient backs up configuration that is missing locally configured ZTNA connection rules. |
| 762303 | FortiClient (Windows) cannot restore the backup file when the backup file's file path contains a multibyte character. |

Endpoint policy and profile

| Bug ID | Description |
|--------|--|
| 774890 | FortiClient (Windows) does not receive updated profile after syncing imported Web Filter profile from EMS. |

Performance

| Bug ID | Description |
|--------|-----------------------------------|
| 749348 | Performance issues after upgrade. |

Zero Trust Telemetry

| Bug ID | Description |
|--------|---|
| 683542 | FortiClient (Windows) fails to register to EMS if registration key contains a special character: "!\"#\$%&'()*+,-./:;<=>?@[\\]^_`{ }~". |

Malware Protection and Sandbox

| Bug ID | Description |
|--------|---|
| 730054 | <i>Allow Admin Users to Terminate Scheduled and On-Demand Scans from FortiClient Console</i> feature does not work as expected. |
| 760073 | FortiClient (Windows) compatibility with USB. |

| Bug ID | Description |
|--------|---|
| 762125 | fortimon3.sys causes blue screen of death during Slack calls. |
| 793926 | FortiShield blocks spoolsv.exe on Citrix virtual machine servers. |

Remote Access

| Bug ID | Description |
|--------|---|
| 649426 | IPsec/SSL VPN per-app VPN split tunnel does not work. |
| 711402 | FortiClient (Windows) does not establish per-user autoconnect VPN tunnel, and per-machine autoconnect VPN tunnel remains connected after logging in to Windows. |
| 727695 | FortiClient (Windows) on Windows 10 fails to block SSL VPN when it has a prohibit host tag applied. |
| 728240 | SSL VPN negate split tunnel IPv6 address does not work. |
| 728244 | Negate split tunnel IPv4 address does not work for dual stack mode using IPv6 access. |
| 729610 | When using Spanish characters, saving username and password are activated, but FortiClient (Windows) saves encrypted password incorrectly. |
| 730756 | For SSL VPN dual stack, GUI only shows IPv4 address. |
| 731127 | Configuring SSL VPN tunnel with SAML login displays <i>Empty username is not allowed</i> error. |
| 743106 | IPsec VPN XAuth does not work with ECDSA certificates. |
| 744544 | FortiClient (Windows) always saves SAML credentials. |
| 744597 | SSL VPN disconnects and returns hostcheck timeout after 15 to 20 minutes of connection. |
| 755105 | When VPN is up, changes for <i>IP properties</i> -> <i>Register this connection's IP to DNS</i> are not restored after VM reboot from power off. |
| 755482 | Free VPN-only client does not show token box on rekey and GUI open. |
| 758424 | Certificate works for IPsec VPN tunnel if put it in current user store but fails to work if in local machine. |
| 762986 | FortiClient (Windows) does not use second FortiGate to connect to resilient tunnel from FortiTray if it cannot reach first remote gateway. |
| 763611 | Slow upload speed on <code>ssl-vpn dual-stack</code> . |
| 764863 | Dialup IPsec VPN over IPv6 drops packets on inbound direction once FortiClient (Windows) establishes tunnel. |
| 765184 | RADIUS authentication failover between two servers. |
| 767947 | SMS verification code/answer code overwrites IPsec VPN saved password. |
| 767998 | Free VPN-only client does not hide <i>Action for invalid EMS certificate</i> setting. |

| Bug ID | Description |
|--------|---|
| 771090 | Save username function on IPsec VPN tunnel does not work. |
| 772108 | When <code>no_dns_registration=1</code> , <i>Register This Connection's Address in DNS</i> of NW IP properties is not selected after VPN is up. |
| 773060 | When connected to VPN on wireless connection, Surface Pro cannot access SSRS report (software hosted on internal server). |
| 776888 | FortiClient does not dynamically display button to disconnect VPN unless you reopen the FortiClient (Windows) window. |
| 782352 | FortiClient fails to perform XAuth with RSA certificates being used |
| 782393 | Application-based split VPN tunnel issue when using VipWebAppServer.exe application. |
| 782698 | IPsec VPN on OS start with SSL VPN failover on Wi-Fi cannot connect. |
| 786348 | Error code -8 or -14 occurs when <i>Limit Users to One SSL-VPN Connection at a Time</i> is enabled on FortiOS with SAML authentication. |
| 787123 | FortiClient disconnects from IPsec VPN tunnel with <i>SA hard expired</i> error right after connecting. |
| 788765 | German characters "" and/or "\$" in the user password activates the SAML button in the GUI. |
| 790021 | Multifactor authentication using Okta with email notification does not work. |
| 794110 | VPN before logon does not work with Okta multifactor authentication and enforcing acceptance of the disclaimer message. |
| 794658 | FortiClient does not use second FortiGate to make VPN connection when IPsec VPN resilience with VPN is up and first remote gateway becomes offline. |
| 795334 | Always up feature does not work as expected when trying to connect to VPN from tray. |
| 797816 | SAML connection with external browser authentication and single sign on port 8020 is busy, with FortiClient returning a JavaScript error. |
| 801674 | SAML internal browser authentication prompt does not show up when redirection to external browser is disabled. |

Vulnerability Scan

| Bug ID | Description |
|--------|---|
| 741241 | FortiClient (Windows) finds vulnerabilities for uninstalled software. |

Web Filter and plugin

| Bug ID | Description |
|--------|--|
| 729127 | Web Filter affects manufacturing execution system software. |
| 793017 | Web Filter disconnects an application's underlying connection. |
| 776089 | FortiClient (Windows) does not block malicious sites when Web Filter is disabled. |
| 802030 | Chrome and Edge browser Web Filter plugin fails to install the first time when Sandbox is enabled. |

Avatar and social network login

| Bug ID | Description |
|--------|---|
| 729140 | FortiClient (Windows) fails to work when attempting to log in with Google, LinkedIn, or Salesforce. |

Multitenancy

| Bug ID | Description |
|--------|---|
| 780308 | EMS automatically migrates endpoints to default site. |

ZTNA connection rules

| Bug ID | Description |
|--------|---|
| 735494 | Windows 7 does not support TCP forwarding feature. |
| 773956 | FortiClient (Windows) cannot show normal webpage of Internet real server (Dropbox) with ZTNA. |
| 798057 | ZTNA connection rule issue when FortiClient is on-fabric. |

License

| Bug ID | Description |
|--------|--|
| 776869 | FortiClient (Windows) hard codes ZTNA license. |

Single sign on

| Bug ID | Description |
|--------|---|
| 803213 | <p>Fortinet single sign on fails to send user login information/machine IP address to FortiAuthenticator without default <code>address_category</code> setting.</p> <p>Workaround: Add following XML to EMS System Settings profile as default setting:</p> <pre><fssoma> <address_category>0</address_category> </fssoma></pre> |

Other

| Bug ID | Description |
|--------|--|
| 780651 | FortiClient (Windows) does not update signatures on expected schedule. |



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