FortiClient (Windows) - Release Notes

VERSION 5.2.4

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March 29, 2017

FortiClient (Windows) 5.2.4 Release Notes

04-524-287017-20170329

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Change Log

Date	Change Description
2015-07-31	Initial release.
2015-10-20	Added Conflicts with Cisco Systems VPN Client information to Special Notices.
2017-03-29	Added *Resolved Issues* > *Common Vulnerabilities and Exposures* > *284429*.

Introduction

This document provides a summary of enhancements, support information, and installation instruction for FortiClient (Windows) 5.2.4 build 0650. Please review all sections prior to installing FortiClient.

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Licensing

Licensing on the FortiGate is based on the number of registered clients. FortiGate 30 series and higher models support ten (10) free managed FortiClient licenses. For additional managed clients, a FortiClient license subscription must be purchased. The maximum number of managed clients varies per device model.

Client limits

The following table shows client limits per FortiGate model series.

The ability to download the license file, pre-configure the client, create a custom installer, and rebrand are included.

FortiClient license upgrade

FortiGate Series	Free Registrations	FortiClient License Upgrade
FortiGate/FortiWiFi 30 to 90 series	10	1 year FortiClient license subscription for up to 200 clients
FortiGate 100 to 300 series	10	1 year FortiClient license subscription for up to 600 clients
FortiGate 500 Series & above FortiGate VM01 /w FOS 5.4 & above	10	1 year FortiClient license subscription for up to 2000 clients
FortiGate 1000 series & above FortiGate VM04 /w FOS 5.4 & above	10	1 year FortiClient license subscription for up to 8000 clients
FortiGate 3000 series & above FortiGate VM08 /w FOS 5.4 & above	10	1 year FortiClient license subscription for up to 20 000 clients

In high availability (HA) configurations, all cluster members require an upgrade license key.

Special Notices

Conflicts with Cisco Systems VPN Client

FortiClient VPN feature conflicts with Cisco Systems VPN Client 5.0.07.

When both Cisco VPN Client 5.0.07 and FortiClient VPN are installed on the same Windows computer, a BSoD is likely to occur if an IPsec VPN connection is established using FortiClient.

Cisco VPN Client 5.0.07 has reached end of support. It is suggested to use Cisco AnyConnect 3.1 or newer instead. This is actively maintained by Cisco Systems. With Cisco Anyconnect installed, a BSoD does not occur when using FortiClient to establish an IPsec VPN connection.

Please note that it is unknown what may occur if VPN connections are attempted using both Cisco Anyconnect and FortiClient VPN at the same time. This is not recommended. Consider disconnecting one VPN connection, before establishing a second one.

FortiClient registration database synchronization

FortiGate is not able to synchronize its FortiClient registration database between 32-bit and 64-bit platforms.

What's New in FortiClient (Windows) 5.2.4

New features in FortiClient (Windows) 5.2.4

The following is a list of new features in FortiClient (Windows) 5.2.4.

Windows 10 Support

FortiClient 5.2.4 supports Windows 10. If upgrading from Windows 7 or 8.1 to Windows 10, please uninstall any installed FortiClient, reboot the system, and reinstall FortiClient 5.2.4. Please note, in this scenario, using the Repair option in the Programs and Features Control Panel does not reinstall FortiClient properly.

OpenSSL Library

The OpenSSL library has been updated to the latest version 1.0.2d.

Quarantine Endpoint from FortiGate

FortiOS 5.4 offers the FortiGate administrator the ability to quarantine an endpoint. Traffic from a quarantined endpoint will be dropped by the FortiGate, until the endpoint has been released from quarantine.

If the endpoint is running FortiClient 5.2.4 (or newer), and registered to the FortiGate using Endpoint Control, FortiClient will notify the endpoint user that it has been quarantined by the FortiGate administrator. The FortiClient GUI will change to convey the message. The GUI will remain above any other opened window, and cannot be closed. Once released from quarantine, the FortiClient GUI will revert to normal operations.

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This feature requires FortiOS 5.4.0 Beta 3 or newer.

Installation Information

Firmware images and tools

When installing FortiClient version 5.2.4, you can choose the setup type that best suits your needs. You can select one of the two options: Complete: All Endpoint Security and VPN components will be installed or VPN Only: only VPN components (IPsec and SSL) will be installed.

- FortiClientSetup_5.2.4.0650.exe

Standard installer for Microsoft Windows (32-bit).

- FortiClientSetup_5.2.4.0650.zip

A zip package containing FortiClient.msi and language transforms for Microsoft Windows (32-bit). Some properties of the MSI package can be customized with FortiClient Configurator tool.

- FortiClientSetup_5.2.4.0650_x64.exe

Standard installer for Microsoft Windows (64-bit).

- FortiClientSetup_5.2.4.0650_x64.zip

A zip package containing FortiClient.msi and language transforms for Microsoft Windows (64-bit). Some properties of the MSI package can be customized with FortiClient Configurator tool.

- FortiClientTools_5.2.4.0650.zip

A zip package containing miscellaneous tools including the FortiClient Configurator tool and VPN Automation files.

When creating a custom FortiClient 5.2.4 installer using the FortiClient Configurator tool, you can choose which features to install. You can enable or disable software updates, configure SSO, and rebrand FortiClient .

Upgrading from previous FortiClient versions

FortiClient version 5.2.4 supports upgrade from FortiClient version 5.0.9 and later.

Downgrading to previous versions

Downgrading FortiClient version 5.2.4 to previous FortiClient versions is not supported.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal located at https://support.fortinet.com. 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

FortiClient 5.2.4 support

The following table lists version 5.2.4 product integration and support information.

FortiClient 5.2.4 support information

Desktop Operating Systems	• Microsoft Windows XP (32-bit) • Microsoft Windows Vista (32-bit and 64-bit) • Microsoft Windows 7 (32-bit and 64-bit) • Microsoft Windows 8 (32-bit and 64-bit) • Microsoft Windows 8.1 (32-bit and 64-bit) • Microsoft Windows 10 (32-bit and 64-bit)
Server Operating Systems	• Microsoft Windows Server 2008 R2 • Microsoft Windows Server 2012, 2012 R2
Minimum System Requirements	• Microsoft Internet Explorer version 8 or later • Microsoft Windows compatible computer with Intel processor or equivalent • Compatible operating system and minimum 512MB RAM • 600MB free hard disk space • Native Microsoft TCP/IP communication protocol • Native Microsoft PPP dialer for dial-up connections • Ethernet network interface controller (NIC) for network connections • Wireless adapter for wireless network connections • Adobe Acrobat Reader for FortiClient documentation • Windows Installer MSI installer version 3.0 or later.
FortiAnalyzer	• 5.0.2 and later • 5.2.0 and later • 5.4.0 Beta 1
FortiAuthenticator	• 2.2.0 and later • 3.0.0 and later • 3.1.0 and later • 3.2.0 and later
FortiManager	• 5.0.2 and later • 5.2.0 and later

FortiOS	• 5.0.0 and later • 5.2.0 and later • 5.4.0 Beta 1 • 5.4.0 Beta 2 Some FortiClient features are dependent on specific FortiOS versions.

Language support

The following table lists FortiClient language support information.

FortiClient language support

Language	Graphical User Interface	XML Configuration	Documentation
English	✔	✔	✔
Chinese (Simplified)	✔		
Chinese (Traditional)	✔		
French (France)	✔		
German	✔		
Japanese	✔		
Korean	✔		
Portuguese (Brazil)	✔		
Russian	✔		
Spanish (Spain)	✔		

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

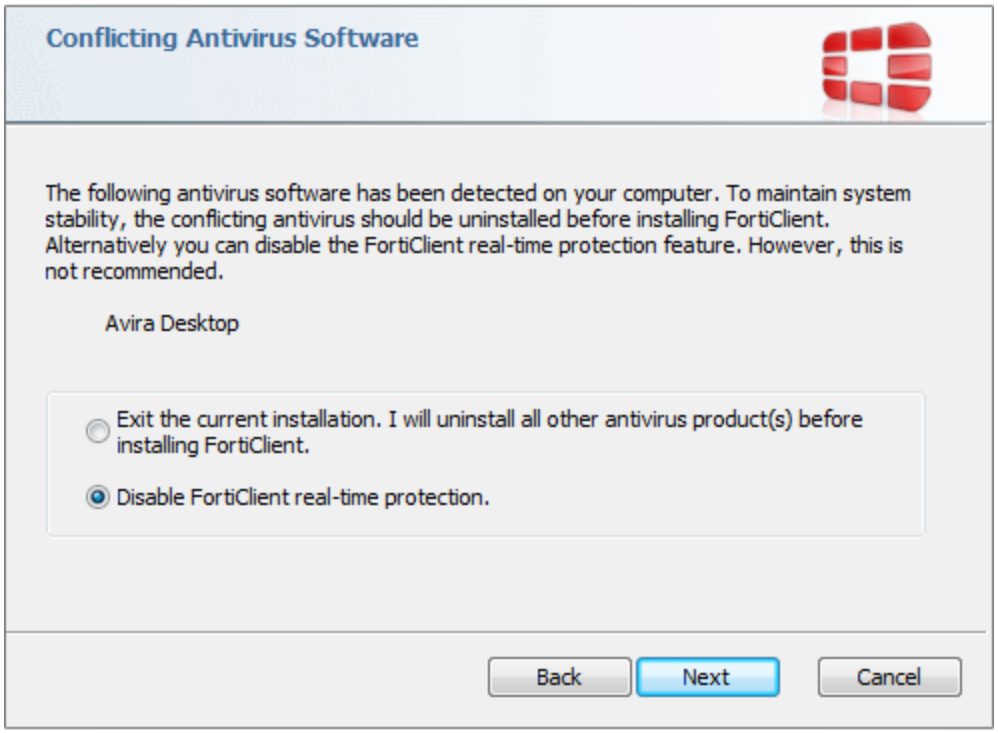
If the client workstation is configured to a regional language setting that is not supported by FortiClient , it defaults to English.

Conflicts with third party antivirus products

The antivirus feature in FortiClient is known to conflict with other similar products in the market. Consider removing other antivirus programs before installing FortiClient.

During a new installation of FortiClient, the installer will search for other registered third party software and, if any is found, warn users to uninstall them before proceeding with the installation. There is also an option to disable FortiClient Real Time Protection (RTP).

Conflicting Antivirus Software



Conflicts with Cisco Systems VPN client

FortiClient VPN feature conflicts with Cisco Systems VPN Client 5.0.07. This Cisco Client has reached end of support. It is suggested to use Cisco AnyConnect 3.1 or newer instead. This is actively maintained by Cisco Systems and it does not have any conflicts with the FortiClient VPN feature.

Conflicts with Cloud App Discovery

When enabled, FortiClient Web Filtering displays a replacement message in web browsers if a web page is blocked. The replacement message is displayed for both HTTP and HTTPS traffic.

With the new Microsoft Cloud App Discovery installed, FortiClient Web Filter replacement message will not be displayed for HTTP sites. They seem to be suppressed by the Cloud App Discovery process. The HTTP web sites are blocked appropriately, as evident by FortiClient log entries. Replacement messages for HTTPS sites will still display correctly.

Resolved Issues

The following issues have been fixed in version 5.2.4. To report any issues, please report them to the Beta Program Forums.

Resolved issues

Bug ID	Description
230703	Slow desktop performance with FortiClient v5.0.6 or 5.0.7 installed.
255352	IPsec VPN does not disconnect when moving to a lower-metric connection.
256060	FortiProxy stops Outlook 2007/2013 from connecting to the POP3 server.
256839	BSoD occurred inside `FortiWF2.sys`.
268225	FortiClient requires smart card.
268767	Unknown Publisher appears on LightInstaller.
269474	Random Bluescreens appear when using FortiClient 5.2.2/5.2.3 side by side with Symantec Endpoint Protection.
270309	The Web Filtering exempt list does not apply to RTP-only filtering.
271244	FortiClient Windows does not accept SSL VPN Realm Config.
272818	BSoD issue may be related to Symantec (tefer driver).
275233	Two-factor token code validation does not work with SSLVPN when *VPN before login* feature is enabled.
275422	IPsec VPN auto-connect feature continuously pops up errors when connection is not available.
278114	Remove `<autokey_keep_alive>` from FortiClient Windows config.
278192	FortiProxy drops the Response message *+ OK*.
279707	BSoD on Windows 7 x64 caused by Fortisniff.
280427	FortiClient SSLVPN stops working with Firefox 38.0.1.
280449	Special characters cannot be used in IPsec VPN Xauth.
280921	VPN connected statistics are hard to read.

Bug ID	Description
282040	FortiClient causes website pages to stop loading.
283587	`FortiSSLVPNclient.exe` does not minimize to system tray after connection.
284418	Configuration with `FCConfig.exe` is not applied.
284836	OpenSSL was not updated to version 1.0.1d.

Common Vulnerabilities and Exposures

Bug ID	Description
284429	FortiClient (Windows) 5.2.4 is no longer vulnerable to the following CVE References: • 2015-5735 • 2015-5736 • 2015-5737 • 2015-4077 Please visit https://fortiguard.com/psirt for more information.

Known Issues

The following issues have been identified in FortiClient (Windows) 5.2.4. For inquires about a particular bug or to report a bug, please contact Customer Service & Support.

Bug ID	Description
241463	Provide support for DHCP over IPsec VPN while using IPv6.
255352	Application Firewall may not be able to process IPv6 addresses.
286976	Users may not be able to establish an IPsec VPN before the Windows Login on Windows 10. However, IPsec VPN works correctly otherwise on Windows 10.