



FortiClient (Linux) - Release Notes

Version 6.4.1

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Email: techdoc@fortinet.com



August 24, 2020

FortiClient (Linux) 6.4.1 Release Notes

04-641-648250-20200824

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Change log

Date	Change Description
2020-08-24	Initial release.

Introduction

FortiClient (Linux) 6.4.1 is an endpoint product for well-known Linux distributions that provides FortiTelemetry, antivirus, SSL VPN, and Vulnerability Scan features. FortiClient (Linux) can also download and use FortiSandbox signatures.

This document provides a summary of support information and installation instructions for FortiClient (Linux) 6.4.1 build 0895.

- [What's new in FortiClient \(Linux\) 6.4.1 on page 6](#)
- [Installation information on page 7](#)
- [Product integration and support on page 9](#)
- [Resolved issues on page 10](#)
- [Known issues on page 12](#)

Review all sections prior to installing FortiClient.

What's new in FortiClient (Linux) 6.4.1

For information about what's new in FortiClient (Linux) 6.4.1, see the [FortiClient & FortiClient EMS New Features](#).

Installation information

Installing FortiClient (Linux)

You can install FortiClient (Linux) on the following operating systems:

- Ubuntu
- CentOS
- Red Hat

For supported versions, see [Product integration and support on page 9](#).



If upgrading from FortiClient (Linux) 6.0.3 or an earlier version using an RPM package, you must first uninstall any version of FortiClient (Linux) earlier than 6.4.1 from the machine. If upgrading from FortiClient (Linux) 6.0.4 or a later version, you can directly upgrade to FortiClient (Linux) 6.4.1 without first uninstalling the earlier version of FortiClient (Linux).

Installing FortiClient (Linux) using a downloaded installation file

To install on Red Hat or CentOS 8:

1. Obtain a FortiClient Linux installation rpm file.
2. In a terminal window, run the following command:

```
$ sudo dnf install <FortiClient installation rpm file> -y
```


<FortiClient installation rpm file> is the full path to the downloaded rpm file.

If running Red Hat 7 or CentOS 7, replace `dnf` with `yum` in the command in step 2.

To install on Ubuntu:

1. Obtain a FortiClient Linux installation deb file.
2. Install FortiClient using the following command:

```
$ sudo apt-get install <FortiClient installation deb file>
```


<FortiClient installation deb file> is the full path to the downloaded deb file.

Installation folder and running processes

FortiClient installation folder is `/opt/forticlient`.

In case there are issues, or to report a bug, FortiClient logs are available in `/var/log/forticlient`.

Starting FortiClient (Linux)

FortiClient (Linux) runs automatically in the backend after installation.

To open the FortiClient (Linux) GUI:

1. Do one of the following:
 - a. In the terminal, run the `forticlient` command.
 - b. Open Applications and search for `forticlient`.

After running the FortiClient (Linux) GUI for the first time, you can add it to the favorites menu. By default, the favorites menu is usually on the left-hand side of the screen.

Uninstalling FortiClient (Linux)

To uninstall FortiClient from Red Hat or CentOS:

1. In a terminal window, run the following command:

```
$ sudo dnf remove forticlient
```

If running Red Hat 7 or CentOS 7, replace `dnf` with `yum` in the command in step 1.

To uninstall FortiClient from Ubuntu:

1. In a terminal window, run the following command:

```
$ sudo apt-get remove forticlient
```

Product integration and support

The following table lists version 6.4.1 product integration and support information:

Operating systems	<ul style="list-style-type: none">• Ubuntu 16.04 and later• CentOS 7.4 and later• Red Hat 7.4 and later All supported with KDE or GNOME
FortiAnalyzer	<ul style="list-style-type: none">• 6.4.0 and later
FortiClient EMS	<ul style="list-style-type: none">• 6.4.1
FortiManager	<ul style="list-style-type: none">• 6.4.0 and later
FortiOS	<p>The following FortiOS versions support SSL VPN with FortiClient (Linux) 6.4.1:</p> <ul style="list-style-type: none">• 6.4.0 and later• 6.2.0 and later• 6.0.0 and later <p>The following FortiOS versions support endpoint control and SSL VPN with FortiClient (Linux) 6.4.1:</p> <ul style="list-style-type: none">• 6.2.0 and later
FortiSandbox	<ul style="list-style-type: none">• 3.2.0 and later• 3.1.0 and later• 3.0.0 and later• 2.5.0 and later

Resolved issues

The following issues have been fixed in version 6.4.1. For inquiries about a particular bug, contact [Customer Service & Support](#).

Endpoint control

Bug ID	Description
570265	User can run vulnerability scan/antivirus (AV) scan from GUI/CLI when EMS has disabled vulnerability scan.
628271	FortiClient should not register to EMS 6.2 or a lower version.
628457	FortiClient (Linux) allows browsing after EMS quarantines the endpoint.
630524	FortiClient currently does not send device serial number with other hardware information.
632500	FortiClient process crashes when <code>/opt/forticlient/schtasks.json</code> is empty.
633148	FortiClient epctrl status on CLI is unreachable when FortiClient (Linux) is online /off-fabric.
645108	FortiClient cannot register to EMS from CLI when EMS requires a registration key.

GUI

Bug ID	Description
614516	GUI generates a lot of console errors.
622241	GUI does not show quarantine screen when GUI is already open.
623768	GUI does not reflect log filter configuration in EMS.
628741	GUI goes blank if user installs FortiClient (Linux) from software manager.
628790	GUI is missing Sandbox signature entry.
630908	FortiClient (Linux) does not clear SSL VPN password if save password option is deselected.
636203	If save password option is deselected for an SSL VPN tunnel, autoconnect remains enabled.
641667	FortiClient (Linux) installed through the GUI cannot connect SSL VPN tunnel due to FortiTray not launching.

Malware Protection

Bug ID	Description
609809	FortiClient does not report most recent scan completed to EMS.
632178	AV file and extension exclusion does not work.
644747	Real-time protection (RTP) fails to quarantine files when EMS enables RTP quarantine upon read or write.

Vulnerability Scan

Bug ID	Description
623765	Vulnerability scan on registration does not work.
641210	FortiClient starts vulnerability scan before updating signature.

Remote Access

Bug ID	Description
605732	VPN GUI does not refresh properly.
619221	CLI does not display error message when trying to connect to SSL VPN tunnel that does not exist.
621258	Machine fails to resolve domain names using custom DNS server after connecting the VPN tunnel on Ubuntu.
627855	Third-party two-factor authentication (2FA) solutions cause SSL VPN authentication to fail on Linux.
630908	FortiClient (Linux) does not clear SSL VPN password instantly if <i>Save Password</i> is not selected.
644858	Free VPN-only client combines the VPN and welcome pages and display a scrollbar.
649359	When registered to corporate EMS, FortiClient (Linux) truncates the EMS FQDN.

Known issues

The following issues have been identified in FortiClient (Linux) 6.4.1. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

Endpoint control

Bug ID	Description
649336	FortiClient gives wrong error message on CLI when user tries to register to an invalid EMS IP address or site.
654504	FortiAnalyzer shows wrong SIEM information for CentOS 8.2.2004.

Malware Protection

Bug ID	Description
594662	AV scan shows wrong message in the results page.
609722	FortiClient (Linux) should send antivirus (AV)-quarantined files to EMS quarantine management.
649641	Real-time protection scan/scan on insertion does not work for removable media.
657698	AV scan freezes at random times without successful completion.
659697	System sleep may interrupt AV full scan.

Vulnerability Scan

Bug ID	Description
656222	Vulnerability scan gets interrupted and does not detect vulnerabilities.
656814	FortiClient does not parse vulnerability scan results correctly for Microsoft Office applications.

Remote Access

Bug ID	Description
619633	Unable to connect to SSL VPN with no user feedback.
629821	GUI displays incorrect VPN connected status when VPN is disconnected on the backend.
645472	For SSL VPN, FortiClient displays incorrect message and is missing confirm password field to handle LDAP password renewal.
649717	Always up does not reestablish connection when network is available.
650733	SSL VPN authentication radio button defaults to <i>Save login</i> , if <i>Prompt on login</i> is selected.
651878	SSL VPN autoconnection reaches incorrect state after logout and login.
657251	FortiSASE connection stays connected after FortiClient is unregistered from EMS.
657259	VPN fails to connect on Fedora 32.
657262	FortiClient (Linux) allows locally created SSL VPN to connect to Cloud SSL VPN server and bypass EMS FortiSASE license check.
657294	FortiClient still shows remote gateway information in VPN setting page for FortiSASE connection.
657762	FortiClient (Linux) does not show disclaimer message when <i>Do Not Warn Invalid Server Certificate</i> is enabled.

GUI

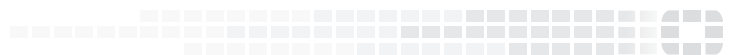
Bug ID	Description
648505	Configuration backup does not display error message.
650334	Feature list for log settings are not consistent between EMS and FortiClient.

FortiTray

Bug ID	Description
610012	FortiTray is not up after installation on CentOS 8.1.



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