



# FortiClient (Linux) - Release Notes

Version 6.4.0

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FortiClient (Linux) 6.4.0 Release Notes

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## Change log

Date	Change Description
2020-05-12	Initial release.

# Introduction

FortiClient (Linux) 6.4.0 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) 6.4.0 build 0851.

- [What's new in FortiClient \(Linux\) 6.4.0 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) 6.4.0

For information about what's new in FortiClient (Linux) 6.4.0, see the [FortiClient & FortiClient EMS 6.4.0 New Features Guide](#).

# 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 6.4.0 from the machine. If upgrading from FortiClient (Linux) 6.0.4 or a later version, you can directly upgrade to FortiClient (Linux) 6.4.0 without first uninstalling the earlier version of FortiClient (Linux).

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## Installing FortiClient (Linux) using a downloaded installation file

**To install on Red Hat or CentOS:**

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

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

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

**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 yum remove forticlient
```

### 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 6.4.0 product integration and support information:

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

## Resolved issues

The following issues have been fixed in version 6.4.0. For inquiries about a particular bug, contact [Customer Service & Support](#).

### Endpoint control

Bug ID	Description
588377	FortiClient cannot register to EMS if user specifies relative path to epctrl binary.
617523	Device IP address uses EMS hostname.
618504	epctrl crashes and FortiClient loses all features.

### GUI

Bug ID	Description
502596	FortiClient new version upgrade prompt message shows too frequently. Prompt frequency should be reconsidered.

### Malware Protection

Bug ID	Description
542667	AntiVirus removable scan does not work.

### Vulnerability Scan

Bug ID	Description
620382	FortiClient must show unpatched and patched vulnerabilities properly on the scan history page.

## Remote Access

Bug ID	Description
608119	FortiClient fails to reconnect the tunnel after network interruption. Always up does not work.
613811	FortiClient (Linux) does not store VPN connections in database if XML configuration has no empty node.
615195	VPN fails to establish tunnel when remote is checking the server name extension in SSL VPN client hello message.
619490	Unable to log in to VPN through remote desktop.
628171	SSL VPN tunnel keeps disconnecting when trying to download large files.

## Other

Bug ID	Description
538853	FortiClient does not remove avatar from ~/.config/FortiClient folder upon uninstall.
593683	Redundant system logs fill up syslog.
608264	GUI uses dependencies that are not included in the apt control file.
622909	Continuous error message from fctsched.
624646	FortiClient is missing libsecret shared library.

## Known issues

The following issues have been identified in FortiClient (Linux) 6.4.0. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

### Endpoint control

Bug ID	Description
630524	FortiClient currently does not send device serial number with other hardware information.

### Vulnerability Scan

Bug ID	Description
609809	FortiClient does not report most recent scan completed to EMS.

### Remote Access

Bug ID	Description
605732	VPN GUI does not refresh properly.
619633	Unable to connect to SSL VPN with no user feedback.
627855	Third-party two-factor authentication 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.

### GUI

Bug ID	Description
614516	GUI generates a lot of console errors.

Bug ID	Description
622241	GUI does not show quarantine screen when GUI is already open.
631463	FortiTray does not appear until user logs out and logs in on initial install.

## Other

Bug ID	Description
610012	No tray up after installation on CentOS 8.1.
621258	Machine fails to resolve domain names using custom DNS server after connecting the VPN tunnel on Ubuntu.



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