



FortiClient (Linux) - Release Notes

Version 6.4.4

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FortiClient (Linux) 6.4.4 Release Notes

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Change log

Date	Change Description
2021-06-02	Initial release.

Introduction

FortiClient (Linux) 6.4.4 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) 6.4.4 build 0984.

- [Installation information on page 7](#)
- [Product integration and support on page 10](#)
- [Resolved issues on page 11](#)
- [Known issues on page 13](#)

Review all sections prior to installing FortiClient.

What's new in FortiClient (Linux) 6.4.4

For information about what's new in FortiClient (Linux) 6.4.4, 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 10](#).



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 6.4.4 from the machine.

If upgrading from FortiClient (Linux) 6.0.4 or a later version, you can directly upgrade to FortiClient (Linux) 6.4.4 without first uninstalling the earlier version of FortiClient (Linux).

Install FortiClient (Linux) from repo.fortinet.com

To install on Red Hat or CentOS 8:

1. Add the repository:

```
sudo dnf config-manager --add-repo https://repo.fortinet.com/repo/6.4/centos/7/os/x86_64/fortinet.repo
```
2. Install FortiClient:

```
sudo dnf install forticlient
```

To install on Red Hat or CentOS 7:

1. Add the repository:

```
sudo yum-config-manager --add-repo https://repo.fortinet.com/repo/6.4/centos/7/os/x86_64/fortinet.repo
```
2. Install FortiClient:

```
sudo yum install forticlient
```

To install on Fedora 32:

1. Add the repository:

```
sudo dnf config-manager --add-repo https://repo.fortinet.com/repo/6.4/centos/7/os/x86_64/fortinet.repo
```
2. Install FortiClient:

```
sudo dnf install forticlient
```

To install on Ubuntu:

1. Install the gpg key:
`wget -O - https://repo.fortinet.com/repo/6.4/ubuntu/DEB-GPG-KEY | sudo apt-key add -`
2. Add the following line in `/etc/apt/sources.list`:
 - a. If using Ubuntu 16.04 LTS:
`deb [arch=amd64] https://repo.fortinet.com/repo/6.4/ubuntu/ xenial multiverse`
 - b. If using Ubuntu 18.04 LTS or 20.04:
`deb [arch=amd64] https://repo.fortinet.com/repo/6.4/ubuntu/ /bionic multiverse`
3. Update package lists:
`sudo apt-get update`
4. Install FortiClient:
`sudo apt install forticlient`

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

The 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:

```
$ sudo dnf remove forticlient
```

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

To uninstall FortiClient from Ubuntu:

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

Product integration and support

The following table lists version 6.4.4 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">• 7.0.0 and later• 6.4.0 and later
FortiAuthenticator	<ul style="list-style-type: none">• 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• 6.4.1 and later
FortiManager	<ul style="list-style-type: none">• 6.4.0 and later
FortiOS	<p>The following FortiOS versions support SSL VPN with FortiClient (Linux) 6.4.4:</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 <p>The following FortiOS versions support endpoint control and SSL VPN with FortiClient (Linux) 6.4.4:</p> <ul style="list-style-type: none">• 6.2.0 and later
FortiSandbox	<ul style="list-style-type: none">• 4.0.0 and later• 3.2.0 and later• 3.1.0 and later

Resolved issues

The following issues have been fixed in version 6.4.4. For inquiries about a particular bug, contact [Customer Service & Support](#).

Endpoint control

Bug ID	Description
676150	FortiClient (Linux) cannot get software inventory from CentOS server.
694549	Disconnecting from VPN does not trigger FCCK-TAG message.
711389	Administrator cannot see software inventory sent by FortiClient running on Ubuntu 20.04.2 on EMS.
711878	User identity feature does not work.
717079	FortiClient gets stuck trying to register to FortiClient Cloud when FortiClient Cloud does not respond.

GUI

Bug ID	Description
711883	Text in virus alert is not visible in dark mode.

Malware Protection

Bug ID	Description
702248	FortiClient Cloud shows that Linux machines have old antivirus (AV) signatures.
714049	FortiClient does not automatically update AV signatures when user is not logged in.
714594	CLI displays error message while performing AV scan.

Logs

Bug ID	Description
671898	File system XFS does not allow FortiAnalyzer logging.

Remote Access

Bug ID	Description
703978	SSL VPN SAML does not send EMS serial number to FortiSASE SIA.
714025	Connecting SSL VPN using certificates causes system crashes.

Known issues

The following issues have been identified in FortiClient (Linux) 6.4.4. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

Malware Protection

Bug ID	Description
683410	Real-time protection can be down due to race condition.
717993	FortiClient does not send quarantined file information to EMS.
718680	FortiClient (Linux) threats detected statistics are missing access denied detection.

Vulnerability Scan

Bug ID	Description
709102	FortiClient (Linux) fails to patch vulnerabilities but shows no error messages.
717282	FortiClient (Linux) should patch vulnerabilities based on detected application other than list of vulnerabilities.

Remote Access

Bug ID	Description
701552	FortiSASE SIA tunnel reconnection issues after FortiSASE SIA portal removes VPN user.
711970	When FortiClient is connected to EMS and the VPN tunnel is disconnected, the DNS entries in <code>/etc/resolv.conf</code> are not removed.
714338	FortiClient does not revert DNS setting after OS suspends while VPN is connected.
714564	SAML connection stays in connecting state and never returns with error when FortiGate gateway is inaccessible.
718945	Linux user gets a certificate failed error when trying to connect to VPN.
719871	SSL VPN connection always fails after fresh installing FortiClient Linux on CentOS.

GUI

Bug ID	Description
719272	FortiClient fails to show password with eye icon for SAML SSL VPN login page.
719305	Free VPN fails to restore FortiClient (Linux) configuration because unlock button fails to work.

Logs

Bug ID	Description
655974	FortiClient generates software inventory log every two minutes on CentOS 8.2.

Other

Bug ID	Description
651435	Quarantined FortiClient (Linux) can still access network after system reboot.
698790	Configuration file <code>/etc/forticlient/config.db</code> is modified since installation.
717106	FortiClient (Linux)-related daemon stays running after FortiClient (Linux) deregisters from EMS.



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