



FortiClient (Linux) - Release Notes

Version 6.0.2

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FortiClient (Linux) 6.0.2 Release Notes

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Change Log

Date	Change Description
2018-09-07	Initial release.

Introduction

FortiClient (Linux) 6.0.2 is an endpoint product for well-known Linux distributions, and it provides FortiTelemetry, Antivirus, 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) 6.0.2 build 0058.

- Introduction
- [What's New in FortiClient \(Linux\) 6.0.2](#)
- [Installation Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

Review all sections prior to installing FortiClient.

What's New in FortiClient (Linux) 6.0.2

This section identifies the new features and enhancements in FortiClient (Linux) 6.0.2. For more information, see the *FortiClient Administration Guide*.

Display notification messages

FortiClient (Linux) displays a notification or bubble message when:

- Antivirus or Vulnerability Scan engine or signature updates successfully, or an attempt to update fails
- A scheduled Antivirus or Vulnerability Scan starts to run
- EMS-requested Antivirus or Vulnerability Scan runs
- FortiClient (Linux) receives new configuration from FortiGate or EMS

Installation Information

Installing FortiClient (Linux)

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

- Red Hat
- CentOS
- Ubuntu

For supported versions, see [Product Integration and Support](#) on page 10.

Installing FortiClient (Linux) from repo.fortinet.com

You can install FortiClient (Linux) from the repository at repo.fortinet.com.

Installing on Red Hat or CentOS

1. Add the repository by using the following command:

```
sudo yum-config-manager --add-repo http://repo.fortinet.com/repo/centos/7/os/x86_64/fortinet.repo
```

2. Install FortiClient by using the following command:

```
sudo yum install forticlient
```

Installing on Ubuntu

1. Install the gpg key by using the following command:

```
wget -O - http://repo.fortinet.com/repo/ubuntu/DEB-GPG-KEY | sudo apt-key add -
```

2. Add the following line in `/etc/apt/sources.list`:

```
deb [arch=amd64] http://repo.fortinet.com/repo/ubuntu/ xenial multiverse
```

3. Update package lists by using the following command:

```
sudo apt-get update
```

4. Install FortiClient by using the following command:

```
sudo apt install forticlient
```

Installing FortiClient (Linux) using a downloaded installation file

Installing 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.

Installing 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.

If installing FortiClient on Ubuntu 17.10 or 18.04, install the dependencies: libgconf2-4 and libgconf-2-4 by using the following command:

```
$ sudo apt-get install <FortiClient deb file> libgconf2-4 libgconf-2-4
```

Installation folder and running processes

FortiClient installation folder is /usr/bin/forticlient.

config.xml is in /etc/forticlient

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

```
forticlient: bash - Konsole
[qa@localhost Downloads]$ cd /usr/bin/forticlient/
[qa@localhost forticlient]$ ls -al
total 13616
drwxr-xr-x. 9 root root 4096 Sep 26 09:58 .
drwxr-xr-x. 3 root root 45056 Sep 26 09:57 ..
drwxr-xr-x. 2 root root 60 Sep 26 09:57 certs
-rwxr-xr-x. 1 root root 967176 Sep 25 12:09 fctshelper
-rwxr-xr-x. 1 root root 1504568 Sep 25 12:09 fctsched
-rwxr-xr-x. 1 root root 1410872 Sep 25 12:09 fmon
-rwxr-xr-x. 1 root root 858352 Sep 25 12:09 fortitray
drwxr-xr-x. 3 root root 35 Sep 26 09:57 gui
-rwxr-xr-x. 1 root root 71152 Sep 25 12:09 quichannel.node
-rwxr-xr-x. 1 root root 343872 Sep 25 12:09 quimessenger.node
drwxr-xr-x. 2 root root 69 Sep 26 09:57 images
-rwxr-xr-x. 1 root root 2924168 Sep 25 12:09 libav.so
drwxr-xr-x. 2 root root 24 Sep 26 09:58 Logs
drwxr-xr-x. 2 root root 6 Sep 25 12:09 quarantine
-rwxr-xr-x. 1 root root 1081976 Sep 25 12:09 seamunit
-rw-r--r--. 1 root root 37 Sep 26 09:58 schtasks.json
-rwxr-xr-x. 1 root root 4649352 Sep 25 12:09 updates
drwxr-xr-x. 2 root root 41 Sep 26 09:57 vir_sig
-rw-r--r--. 1 root root 29742 Sep 25 12:09 Windows-exported-b1075.xml
drwxr-xr-x. 2 root root 25 Sep 26 09:57 XLSs
[qa@localhost forticlient]$
```

Some running processes /usr/bin/forticlient include:

- fctsched
- fortitray
- FortiClient
- epctrl

Uninstalling FortiClient (Linux)

Use the following procedure to uninstall FortiClient (Linux) from Red Hat or CentOS operating systems.

To uninstall FortiClient:

1. In a terminal window, run the following command:
\$ sudo yum remove forticlient

Use the following procedure to uninstall FortiClient (Linux) from Ubuntu operating systems.

To uninstall FortiClient:

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

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

Product Integration and Support

FortiClient 6.0.2 support

The following table lists version 6.0.2 product integration and support information.

FortiClient 6.0.2 support information

Operating Systems	<ul style="list-style-type: none">• Ubuntu 16.04 and later• Red Hat 7.4 and later• CentOS 7.4 and later with KDE or GNOME
FortiClient EMS	<ul style="list-style-type: none">• 6.0.0 and later
FortiOS	<ul style="list-style-type: none">• 6.0.0 and later• 5.6.0 and later
FortiSandbox	<ul style="list-style-type: none">• 3.0.0• 2.5.0 and later• 2.4.0 and later• 2.3.3 and later

Resolved Issues

The following issues have been fixed in version 6.0.2. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Endpoint Control

Bug ID	Description
482743	Remember FortiClient Telemetry connection key does not work.
506542	Endpoint Control keeps crashing on Ubuntu 16.04.
509230	FortiClient (could not get) does not report MAC to EMS - CentOS 7.5.

Vulnerability Scan

Bug ID	Description
506556	In FortiClient Vulnerability Scan page, "last scan" always shows "never scanned".

GUI

Bug ID	Description
504743	FortiClient console shows it's a full scan when starting a quick scan from EMS.
508722	FortiClient displays wrong scan percentage during custom scan

Known Issues

The following issues have been identified in FortiClient (Linux) 6.0.2. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Malware Protection

Bug ID	Description
503202	FortiClient does not report AV events to EMS.
510292	FortiClient sends the wrong serial number and version number to sandbox in the OFTP messages.
510336	FortiClient does not send EMS serial number in OFTP message to Sandbox.

GUI

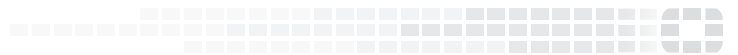
Bug ID	Description
506389	FortiClient shows "Vulnerabilities scanned 0" during patching.

Other

Bug ID	Description
495409	FortiClient does not start vulnerability scan when it gets a signature update.



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