

How to check Zoom running a secret web server on the Mac

Recently, a serious vulnerability was discovered in Zoom, the popular online meeting application for Mac. This article will show you how to check if Zoom is running a secret web server and how to remove it.

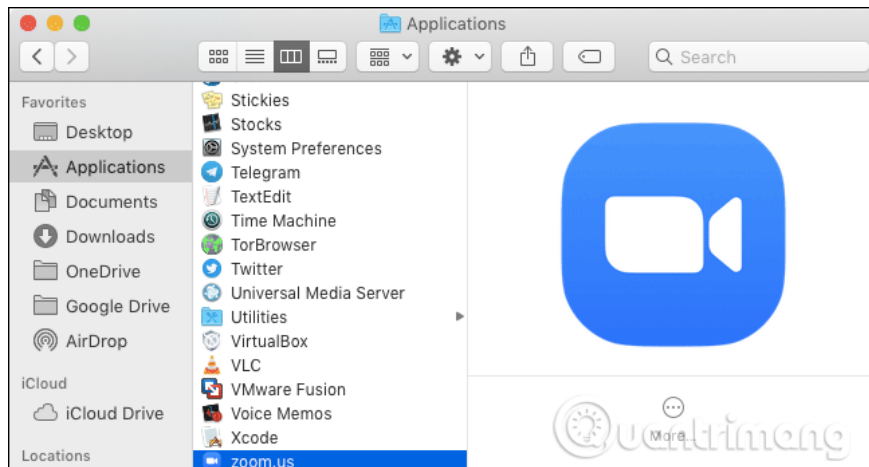
Recently, a serious vulnerability was discovered in Zoom, the popular online meeting application for Mac. The application runs a secret web server in the background even if you have uninstalled it, Zoom can still reinstall and even turn on your video camera.

If you are wondering if your Mac is affected, follow the way below to check it out.

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To see if your Mac has installed the main Zoom application, open the Finder application, select **Applications** and search for **zoom.us** in the list. If the application is already installed, you can almost make sure that your computer is running an underground web server.

However, even if you don't see the application here, the web server can still run in the background if you've ever installed and uninstalled Zoom.




To check if the server is running, open the Terminal window by pressing **Command + Space** to open the Spotlight search, type **Terminal** and press **Enter** . You can also go to **Finder> Applications> Utilities> Terminal** .

Then, type the following command into Terminal and press **Enter** .

```
lsof -i: 19421
```

If you see the ZoomOpene process, it means that the web server is running in the background.



```
chris — -bash — 95x24
Last login: Tue Jul 9 09:42:03 on console
Chris-MacBook-Air:~ chris$ lsof -i:19421
COMMAND PID USER  FD  TYPE DEVICE SIZE/OFF NODE NAME
ZoomOpene 729 chris  7u  IPv4 0x99cf1c54499f5aff    0t0  TCP localhost:19421 (LISTEN)
Chris-MacBook-Air:~ chris$
```

In this case, you want to remove the Zoom completely from the system, run the command below. This is done when you have uninstalled the Zoom application from the Applications folder. If not, the Zoom update will reactivate the web server.

```
kill ZoomOpener
rm -rf ~ / .zoomus
```



```
chris — -bash — 95x24
Chris-MacBook-Air:~ chris$ kill ZoomOpener
Chris-MacBook-Air:~ chris$ rm -rf ~ / .zoomus
```

If you still want to keep Zoom, you can follow Liferhacker quick guide by turning on **Turn off my video option when joining a meeting** to ensure safety.

Browser-based online meeting applications can be a better solution in the future if you only use an application in a browser that doesn't install software, it can't do shady things like this with Your Mac or PC.

I wish you all success!

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