

# Instructions for configuring FTP server on iPad

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If you want to invest less time for initial initialization operations, SFTP will be a difficult candidate to defeat for transferring files in iOS. It is very fast, safe and above all, users do not need to install any other applications on the iPad. Make sure your iPad and computer are on the same network.

There are a number of paid apps in the App Store that will allow users to host an FTP server on a device that has not been unlocked, but which leads to some disadvantages. Besides the need to open these applications on the iPad at any time, users will not be able to access the root directory of the tablet.

The application used in this article has the name OpenSSH. It uses the SFTP protocol, a more secure version of FTP that connects via the SSH protocol.

## Install OpenSSH

To install the application, open Cydia, search for ' *OpenSSH* ' and install the application or install the *Cydia / Telesphoreo* database version.



If OpenSSH is not in the results, go to **Sources** and select **Settings** in the top left corner. Now change the **user type** to ' *Hacker* '. Users can change it again after installing OpenSSH.



OpenSSH is an application that uses the command line interface, so don't be surprised if no program icons appear on the home screen.

## Find the local IP address of the iPad

To connect to the iPad, we will need its local IP address. **Go to Settings -> Wi-Fi** and select the current internet connection then look under the **IP Address** heading.



Write down this IP address because we will use it later.

## Change SSH password on iPad

Right now, anyone on the local network can access the iPad via a default admin password: 'alpine'. Please change this password.

On the computer, open the Terminal window. On Mac OS X, go to **Applications -> Utilities -> Terminal**. If using Windows operating system, users must install PuTTY.

```
Last login: Fri Apr 6 23:16:59 on console
Simon-Slangens-MacBook-Pro:~ simon$ ssh root@192.168.0.210 ← 1.
The authenticity of host '192.168.0.210 (192.168.0.210)' can't be established.
RSA key fingerprint is
Are you sure you want to continue connecting (yes/no)? yes ← 2.
Warning: Permanently added '192.168.0.210' (RSA) to the list of known hosts.
root@192.168.0.210's password: ← 3.
Simon-Slangens-iPad:~ root#
```

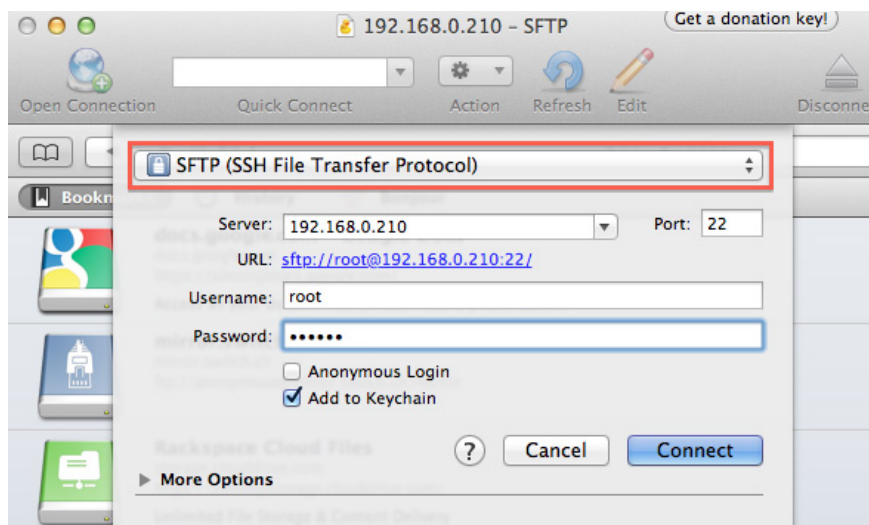
Enter `ssh root @ 'iPad IP address'` and press **Enter** . This process may take one to two minutes. The command window will inform you that it is not possible to set up authentication for the server. Enter 'yes' or 'y' and press **Enter** . Finally, the command window will ask for the password. Enter 'alpine' and press **Enter** . If it goes smoothly, the command prompt is now connected to the iPad with the last command line as shown in the picture.

```
Simon-Slangens-iPad:~ root# passwd
Changing password for root.
New password:
Retype new password:
Simon-Slangens-iPad:~ root#
```

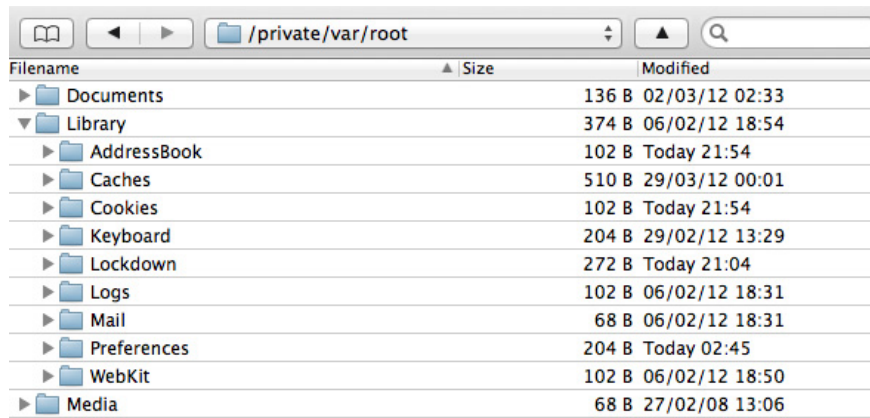
Still in the command window, enter 'passwd'. Enter the new password twice. Thus, a secure SSH connection with the iPad has been established.

## Connect with iPad

Use an FTP program (SFTP support) like Cyberduck (Mac) or File Zilla to connect to your iPad from your computer. In the picture, we are using Cyberduck.



Create a new connection. Make sure you select the SFTP file transfer or SSH protocol otherwise you won't be able to create a connection. Using the IP address of the iPad is the server address. Get 'root' as the username and password you created earlier. If the user does not change the password, the default password is 'alpine'.



Filename	Size	Modified
▶ Documents	136 B	02/03/12 02:33
▼ Library	374 B	06/02/12 18:54
▶ AddressBook	102 B	Today 21:54
▶ Caches	510 B	29/03/12 00:01
▶ Cookies	102 B	Today 21:54
▶ Keyboard	204 B	29/02/12 13:29
▶ Lockdown	272 B	Today 21:04
▶ Logs	102 B	06/02/12 18:31
▶ Mail	68 B	06/02/12 18:31
▶ Preferences	204 B	Today 02:45
▶ WebKit	102 B	06/02/12 18:50
▶ Media	68 B	27/02/08 13:06

You are now connected to your iPad via the FTP protocol.

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