

## **This procedure currently supports clients on Mac OS/X and Linux on x86 processors**

You can use this script to make direct SSH connections from a command line terminal on your Mac OS/X or Linux x86 computer to an SSH host (ex. Raspberry Pi). This eliminates the need to manually login at [www.weaved.com](http://www.weaved.com) to generate a hostname and port to use with your ssh client. No more copy/paste and copy/paste !

### **Download Weaved daemon**

Get weavedConnectd.macosx for Mac OS/X (Intel) here:

[https://github.com/weaved/misc\\_bins\\_and\\_scripts/raw/master/connectd/weavedConnectd.macosx](https://github.com/weaved/misc_bins_and_scripts/raw/master/connectd/weavedConnectd.macosx)

Get weavedConnectd.linux for x86 Linux (tested with Ubuntu 14.04) here:

[https://github.com/weaved/misc\\_bins\\_and\\_scripts/raw/master/connectd/weavedConnectd.linux](https://github.com/weaved/misc_bins_and_scripts/raw/master/connectd/weavedConnectd.linux)

Copy this file from the download location to /usr/bin and name it weavedConnectd, e.g.

```
sudo cp weavedConnectd.macosx /usr/bin/weavedConnectd (for Mac)
```

```
sudo cp weavedConnectd.linux /usr/bin/weavedConnectd (for Linux)
```

Make it executable:

```
sudo chmod +x /usr/bin/weavedConnectd
```

If sudo asks for your password, give it your Mac or Linux account login password, not your Weaved password.

### **Download launcher scripts**

Now go to this folder at Github:

[https://github.com/weaved/misc\\_bins\\_and\\_scripts/tree/master/direct\\_connection](https://github.com/weaved/misc_bins_and_scripts/tree/master/direct_connection)

and download the lib.sh and sshw\_fast.sh scripts to your computer.

Make them executable using:

```
chmod +x lib.sh sshw_fast.sh
```

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### Example: Start a direct ssh connection from a client (Linux x86 or Mac OS/X)

You will need the following information to configure a script or command line:

- Your Weaved account username and password.
- The Weaved UID of the Device connection you wish to create a persistent direct connection with.
- The ssh login name for the target device

The UID for a configured device can be found under “Settings” at the web portal:

<a href="#">JKF Pi2 http80</a>	Pi Development	online	<a href="#">Share</a>   <a href="#">Settings</a>
<a href="#">JKF Pi2 ssh22</a>	Pi Development	online	<a href="#">Share</a>   <a href="#">Settings</a>
<a href="#">JKF Pi2 vnc5901</a>	Pi Development	online	<a href="#">Share</a>   <a href="#">Settings</a>

Click the “Settings” link and in your device list for the ssh service you want to enable for direct command line access .

Device Settings	
Device Name	JKF Pi2 ssh22
Device Type	Pi Development
Device State	Online and available
Device Identifier	80:00:00:05:46:00:46:0E
External Address	
Internal Address	

The UID is the “Device Identifier” shown for this connection. Here it is 80:00:00:05:46:00:46:0E

### Edit the `sshw_fast.sh` script

Search for GLOBAL then edit the 4 lines below to add your account and device details.

- USERNAME="your Weaved account name"
- PASSWD="your Weaved password"
- DEVICE\_ADDRESS="your UID"

- SSH\_NAME="username" (ex. default username on Raspberry Pi is "pi")

Then run:

```
./sshw_fast.sh
```

or, you can put all of these parameters right on the command line, and it will override the settings in the script.

```
./sshw_fast.sh <username> <password> <UID> <SSH login name>
```