

**Version 1.0**  
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**Installing Weaved for ssh (port 22) and http (port 80) on the Netcomm Wireless NWL-25 or NTC-6200.**

1. Login to the Netcomm NWL-25 (or NTC-6200) command line over SSH using login username "root" and password "admin" (default on NWL-25)
2. From the /root directory retrieve the file "netcomm1.tgz" onto the Netcomm modem from the Internet repository at [home.mycal.net/netcomm1.tgz](http://home.mycal.net/netcomm1.tgz) by typing

```
wget http://home.mycal.net/netcomm1.tgz
```

or you can use the command:

```
wget https://github.com/weaved/installer/raw/master/Netcomm/netcomm1.tgz --no-check-certificate
```

3. Untar the file on the modem with the command:

```
tar -xvzf netcomm1.tgz
```

4. Change directory to /weaved-netcomm:

```
cd weaved-netcomm
```

5. Run the installer from the modem cmd line. This will enable ports http 80 and ssh 22 on the modem for remote access using Weaved.

```
./install
```

6. Reboot or power cycle the modem. (**Important**)
7. Type the following command to ensure the Weaved software is running:

```
ps | grep weaved
```

You should see an output similar (not exactly the same) as the text below:

```
root:~# ps | grep weaved
1048 root    2392 S   /usr/bin/weavedConnectd -f /etc/weaved/ssh.netcomm -x T22 -d
1155 root    2392 S   /usr/bin/weavedConnectd -f /etc/weaved/web.netcomm -d /var/run
4189 root    2884 S   grep weaved
```

NOTE: if you do not see two PIDs showing the string “weavedConnectd” then you need to manually start the Weaved programs after reboot. This means the services did not auto-start on reboot. To start the Weaved programs manually simply type both commands below in order to start the Weaved service for both ssh and web access.

```
/etc/init.d/rc.d/weavedSSH start  
/etc/init.d/rc.d/weavedWEB start
```

After entering the commands above, repeat the `ps | grep weaved` command from the beginning of Step 7 to ensure you see the proper output.

```
ps | grep weaved
```

8. Connect a PC to the LAN Port of the Netcomm modem, thereby using the Netcomm modem as the PC's broadband connection to the Internet.
9. Open a browser on the PC and goto <https://developer.weaved.com/portal/login.php> to Sign In to your Weaved account. If you don't already have a Weaved account then use this link to create one. <https://developer.weaved.com/portal/index.php>
10. Follow instructions on the My Services page to register the ssh and http services on the Device List page after login at weaved.com

(**IMPORTANT:** for Step 10 you must use a browser running on a PC/Mac/Linux system behind the **same public IP Address** as the Netcomm modem itself. This is so weaved.com can auto-detect the unregistered ssh & http services on the modem coming from the same public IP address as the PC browser session. Any browser on a machine connected to the Internet through the modem will work fine.)

On your “My Services” page at [developer.weaved.com](https://developer.weaved.com) you should see two “Register Now” messages in your browser screen highlighted with a green box around the message. Note the exact wording of the message in the green box may be slightly differently than the ones shown below.

We found an unregistered **HTTP** service on the **Edison** device on your network at **10.32.61.76**. Use [Register Now](#) to complete registration to your Weaved account.

We found an unregistered **SSH** service on the **Edison** device on your network at **10.32.61.76**. Use [Register Now](#) to complete registration to your Weaved account.

Now you can register the services to your account. Click “Register Now” to bind the unregistered services to your Weaved account. Give each service a name (you can change it later).