

# Better driver for BCM4322 802.11a/b/g/n in Ubuntu 10.10

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In Ubuntu 10.10, Broadcom driver is old, therefore it's full of bugs, and totally unusable for current cards, like BCM4322. Upgrade it.

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After several connection problems in Ubuntu 10.10 with the recommended STA driver (in restricted drivers), I decided to somehow solve it. The result: a working BCM4322, with "n" speed.

How: Remove `dell_laptop` and `wl` modules, if there present.

```
rmmod wl rmmod dell_laptop
```

Get the latest driver from [http://www.broadcom.com/support/802.11/linux\\_sta.php%5B%5E1%5D](http://www.broadcom.com/support/802.11/linux_sta.php%5B%5E1%5D) - as I'm writing these lines, it's `hybrid-portsrc_x86_64-v5_100_82_38`.

To download and install, use the following lines:

```
#!/bin/bash
VERSION="hybrid-portsrc_x86_64-v5_100_82_38"

mkdir broadcom_sta_$VERSION
cd broadcom_sta_$VERSION
wget http://www.broadcom.com/docs/linux_sta/$VERSION.tar.gz
tar xf $VERSION.tar.gz
make
```

bash

Install standard Ubuntu Broadcom driver first. This is a DKMS driver, meaning, it will automatically upgrade with every kernel update as well.

To replace the default driver follow the steps above. You'll find the default driver at

```
/lib/modules/`uname -r`/updates/dkms/wl.ko
```

```
bash
```

To update, first remove the current driver:

```
rmmod wl
```

```
bash
```

Then overwrite the /lib... file with the compiled, and run:

```
depmod -a  
modprobe wl
```

```
bash
```

Created by Peter Molnar <mail@petermolnar.net>, published at 2011-04-16 18:43 UTC, last modified at 2021-05-11 11:49 UTC , to canonical URL <https://petermolnar.net/article/better-driver-for-bcm4322-802-11abgn-in-ubuntu-10-10/> , licensed under CC-BY-4.0 .