

Spoofting Your MAC Address.

One of a series of guides by Hex. Distribute as you see fit. Originally written for ShadowRX, Rogue Science, Digital Precursor, Rorta and TheVespiary.

In this tutorial I aim to show you how to very simply change your MAC address on any Ubuntu based operating system. On mine, my Atheros Wireless card came up as wlan0. Yours may come up as wlan0, ath0, or another. However on most, it is wlan0.

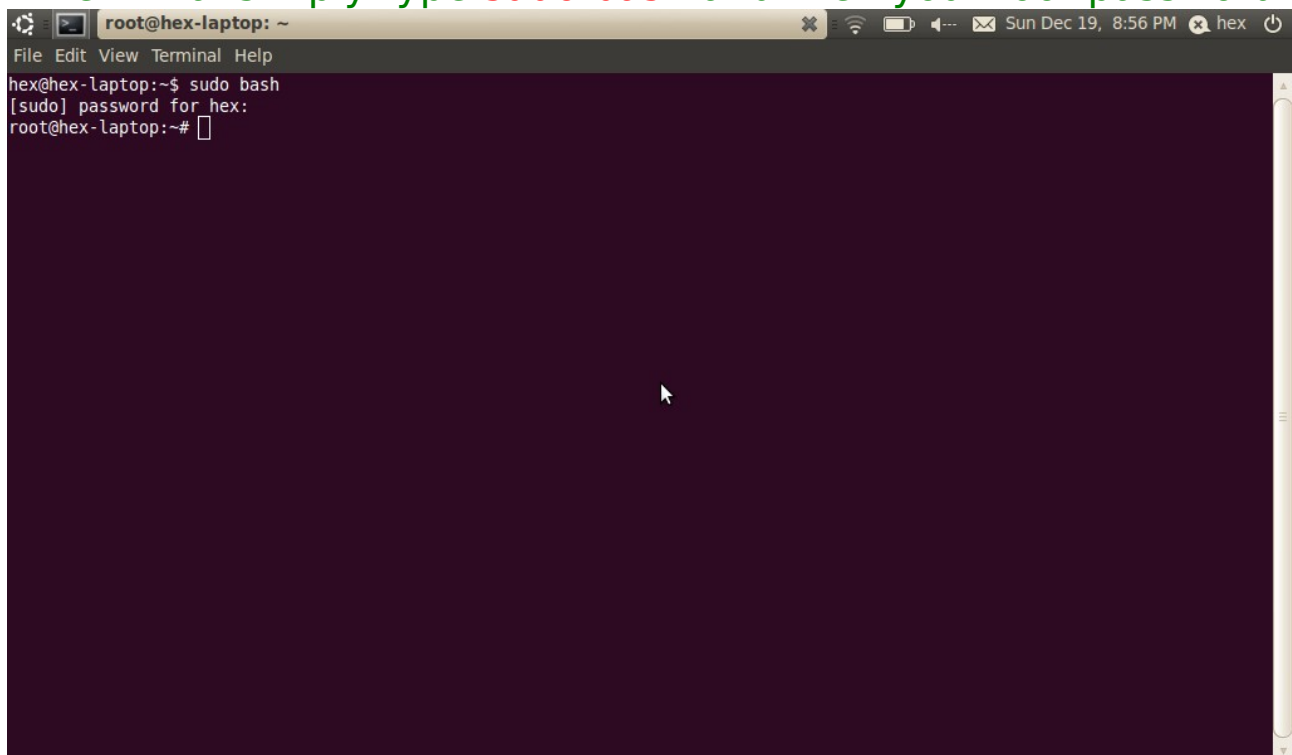
This guide assumes you have already installed Macchanger. If you have not already done this, in terminal simply type the following command:

sudo apt-get install macchanger

And let the computer do the rest!

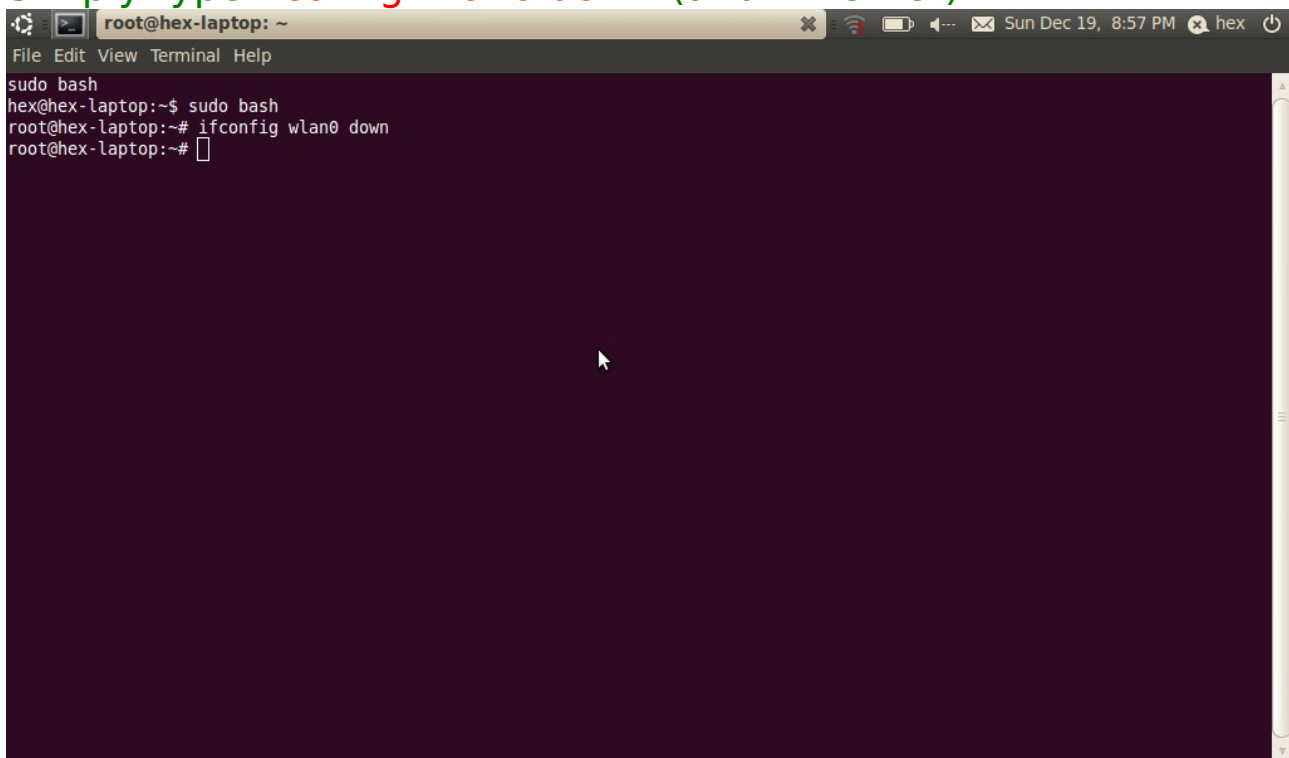
Step One: Becoming Root.

In terminal simply type **sudo bash** and then your root password.

A screenshot of a Linux terminal window. The title bar shows 'root@hex-laptop: ~' and system status icons. The terminal content shows the user 'hex' at 'hex-laptop' running 'sudo bash'. It prompts for a password, which is entered, and then shows the user is now 'root' at 'hex-laptop'.

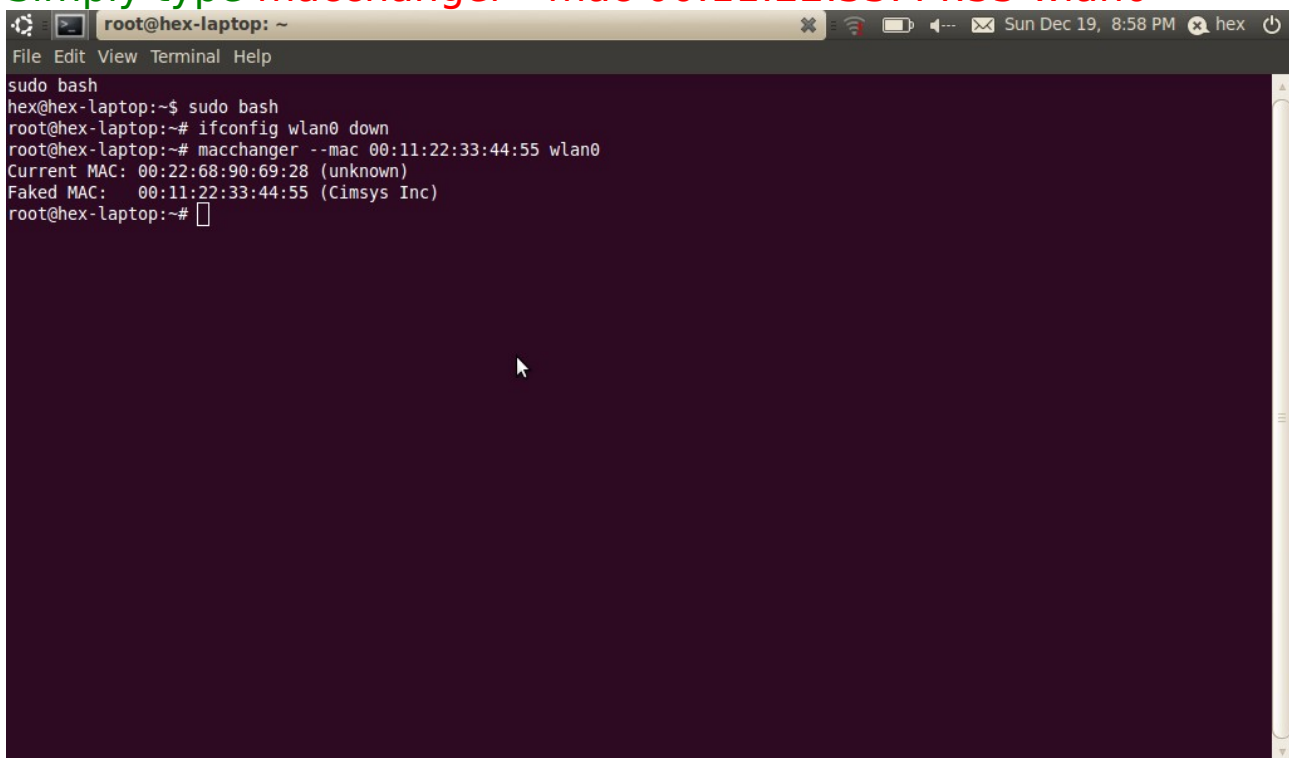
```
root@hex-laptop: ~
File Edit View Terminal Help
hex@hex-laptop:~$ sudo bash
[sudo] password for hex:
root@hex-laptop:~#
```

Step Two: Putting your wireless interface 'down'.
Simply type **ifconfig wlan0 down** (and hit enter).

A terminal window titled 'root@hex-laptop: ~' with a menu bar (File, Edit, View, Terminal, Help) and system status (Sun Dec 19, 8:57 PM, hex). The terminal shows the following commands and output:

```
sudo bash
hex@hex-laptop:~$ sudo bash
root@hex-laptop:~# ifconfig wlan0 down
root@hex-laptop:~#
```

Step Three: Spoofing the MAC address!
Simply type **macchanger --mac 00:11:22:33:44:55 wlan0**

A terminal window titled 'root@hex-laptop: ~' with a menu bar (File, Edit, View, Terminal, Help) and system status (Sun Dec 19, 8:58 PM, hex). The terminal shows the following commands and output:

```
sudo bash
hex@hex-laptop:~$ sudo bash
root@hex-laptop:~# ifconfig wlan0 down
root@hex-laptop:~# macchanger --mac 00:11:22:33:44:55 wlan0
Current MAC: 00:22:68:90:69:28 (unknown)
Faked MAC:   00:11:22:33:44:55 (Cimsys Inc)
root@hex-laptop:~#
```

Step Four: Putting your wireless interface back 'up'.
Simple! Type **ifconfig wlan0 up** (and, for those of you idiots...
Press ENTER)

```
root@hex-laptop: ~
File Edit View Terminal Help
sudo bash
hex@hex-laptop:~$ sudo bash
root@hex-laptop:~# ifconfig wlan0 down
root@hex-laptop:~# macchanger --mac 00:11:22:33:44:55 wlan0
Current MAC: 00:22:68:90:69:28 (unknown)
Faked MAC: 00:11:22:33:44:55 (Cimsys Inc)
root@hex-laptop:~# ifconfig wlan0 up
root@hex-laptop:~#
```

Step Five: Check and Test!
Simple! Type **ifconfig** and press enter, and see has the
Hwaddress changed to the MAC you spoofed on wlan0!

```
root@hex-laptop: ~
File Edit View Terminal Help
hex@hex-laptop:~$ sudo bash
root@hex-laptop:~# ifconfig wlan0 down
root@hex-laptop:~# macchanger --mac 00:11:22:33:44:55 wlan0
Current MAC: 00:22:68:90:69:28 (unknown)
Faked MAC: 00:11:22:33:44:55 (Cimsys Inc)
root@hex-laptop:~# ifconfig wlan0 up
root@hex-laptop:~# ifconfig
eth0      Link encap:Ethernet HWaddr 00:1e:68:8d:00:07
          UP BROADCAST MULTICAST  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)
          Interrupt:28 Base address:0x2000

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:988 errors:0 dropped:0 overruns:0 frame:0
          TX packets:988 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:101473 (101.4 KB)  TX bytes:101473 (101.4 KB)

wlan0     Link encap:Ethernet HWaddr 00:11:22:33:44:55
          UP BROADCAST MULTICAST  MTU:1500  Metric:1
          RX packets:965 errors:0 dropped:0 overruns:0 frame:0
          TX packets:333 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:142939 (142.9 KB)  TX bytes:40961 (40.9 KB)

root@hex-laptop:~#
```

Now, you can connect to whatever WiFi it is... And it won't be traced back to YOUR MAC address, adding ANOTHER layer of anonymity to your ass!

Hope you enjoyed...

You should be visiting these sites!

www.shadowrx.com (my home)

www.roguesci.org (coming back VERY soon!)

www.thevespiary.org (excellent website!)

www.rorta.net (good site!)

www.digitalprecursor.org (excellent site!)

COMING SOON:

- *How to use Gerix WiFi Cracker to get free WiFi! (on BackTrack)

- *How to enter Netopia Routers and clear logs!

- *Man in The Middle with Ettercap!

-and probably more when I get off my ass and write.

Contact Details:

Email me at insecure@hushmail.com or PM me at one of the above mentioned sites!

Have fun out there, and be safe!

~Hex