

Forum:[Hack Forums](#)

Thread: [TuT - How to spoof your MAC address -/TuT-](#)

HackRain - October 14, 2012, 4:09 am

Plain and simple.

To spoof your MAC address is to "change or cloak " your MAC address
Much like a proxy for your IP address.

First things first you need to have a Linux based distro for this tutorial.

Secondly download "mac changer" && "air crack "
(Note: if your running backtrack this is pre installed, you can skip this step)

Open a terminal and do
Code Sudo apt-get install aircrack-ng macchanger
You have now downloaded and installed everything you
Need..
Simple huh?

To "spoof your mac" simply type this in a terminal

Code Airmon-ng start wlan0
Ifconfig mon0 down
macchanger -m 00:11:22:33:44:54 mon0
Ifconfig mon0 up
Replace the mac with whatever mac you desire.
And substitute mon0 with your desired MAC address.

TheGrayAviator - October 14, 2012, 4:26 am

I've been meaning to ask this, but can we change a Windows machine MAC address via say, a Live CD?

claim - October 14, 2012, 4:43 am

You forgot a significant thing, in order to change your MAC address you'll need to bring down your interface via:

ifconfig wlan0 down
change your MAC address: macchanger -r wlan0 --> is faster, -r = randomize
bring your interface up again --> ifconfig wlan0 up

If you dont follow those steps you'll get errors.

luchni - October 14, 2012, 4:53 am

(Oct 14, 2012 04:26 AM)grayhat.infiltrator Wrote: [\[CITE\]](#) I've been meaning to ask this, but can we change a Windows machine MAC address via say, a Live CD?

Supposedly you can, with ethtool. To my understanding, the program is capable of writing to the EEPROM memory chip of the network device in order to change the MAC address. If I remember correctly there's an Atmel AT93C series EEPROM on the Alfa cards PCB but haven't found any mention of ethtool working for wireless devices.

See [here](#) and [here](#).

FierceX - October 14, 2012, 5:45 am

But bro will this work on windows 7?

and what mac address do i use? i heard it should be by the admin.

HackRain - October 14, 2012, 7:17 am

(Oct 14, 2012 04:43 AM)claim Wrote: [\[CITE\]](#) You forgot a significant thing, in order to change your MAC address you'll need to bring down your interface via:

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If you dont follow those steps you'll get errors.

Oh my god!

Your right.

I wrote this on my phone, so please excuse me for my Minor hiccup.

I do this every day, and managed to leave that Out.

Fixed.

^.^

claim - October 14, 2012, 7:25 am

Quote:Oh my god!

Your right.

I wrote this on my phone, so please excuse me for my Minor hiccup.

I do this every day, and managed to leave that Out.

Fixed.

^.^

No prob mate.

Quote:But bro will this work on windows 7?

and what mac address do i use? i heard it should be by the admin.

No, he clearly said it's only for linux and not windows.

Here you go: [MAC-ADDRESS](#)

HackRain - October 14, 2012, 7:28 am

(Oct 14, 2012 05:45 AM)FierceX Wrote: [\[CITE\]](#) But bro will this work on windows 7?

and what mac address do i use? i heard it should be by the admin.

No, as I stated: you must use a Linux based distro.

The idea of spoofing your mac is too do 2 things.

- 1: to anonymise your device.
- 2: to bypass mac filtering security

Mac filtering only allows certain mac addresses
To connect to the AP

Just use the aircrack suite to determine the MAC address connected to the slave AP
And mimic one of there mac addresses via following this tutorial.

Since there device is connected to the AP
It's mac is white listed , so if we imitate there mac
We are also white listed.

bheemamahesh - May 18, 2013, 7:26 am

Here is the simple way to spoof mac address in linux with ifconfig

```
Code # ifconfig wlan0 down
# ifconfig wlan0 hw ether XX:XX:XX:XX:XX:XX
# ifconfig wlan0 up
```

HackRain - May 18, 2013, 8:43 am

(May 18, 2013 07:26 AM)bheemamahesh Wrote: [\[CITE\]](#) Here is the simple way to spoof mac address in linux with ifconfig

```
Code # ifconfig wlan0 down
# ifconfig wlan0 hw ether XX:XX:XX:XX:XX:XX
# ifconfig wlan0 up
This is next to exactly what I posted with less information.
?
```

darklow - May 18, 2013, 10:15 am

Nice tutorial! I will try this :)

Im to searching for a security camera hack.
Anybody knows a hack like that???? thnx.

xhflhkeuhwguu34 - May 18, 2013, 11:52 am

There's also a program for this on the Mac called MacDaddy, and a command for it built-in to Mac, ifconfig.

konsult - September 7, 2013, 2:48 am

So i have to bring the card out from monitor mode. Are the mac still changed when i go into monitor mode? Do i have to change back when i want the ordinary mac back?

Cryboy - September 8, 2013, 9:03 pm

(Oct 14, 2012 04:43 AM)claim Wrote: [\[CITE\]](#) You forgot a significant thing, in order to change your MAC address you'll need to bring down your interface via:
ifconfig wlan0 down

change your MAC address: macchanger -r wlan0 --> is faster, -r = randomize
bring your interface up again --> ifconfig wlan0 up

If you don't follow those steps you'll get errors.
There is that feature in the macchanger program:

macchanger wlan0 -A

read the help inside the console and there are more than just full randomize in there =]

HydraPlane - March 11, 2014, 12:03 am

(May 18, 2013 08:43 AM)?PandaSec Wrote: [\[CITE\]](#) This is next to exactly what I posted with less information.

?

When I use this code:

```
ifconfig - a | grep HWaddr
```

I get these two MACs:

- eth0
- wlan0

Is eth0 the router's MAC?

Would changing both of them be more effective or should I just change one?

Thanks for the tutorial OP.

I Am Sexy Boys - March 11, 2014, 12:17 am

(Mar 11, 2014 12:03 AM)HydraPlane Wrote: [\[CITE\]](#) When I use this code:

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ifconfig - a | grep HWaddr
```

I get these two MACs:

- eth0
- wlan0

Is eth0 the router's MAC?

Would changing both of them be more effective or should I just change one?

Thanks for the tutorial OP.

eth0 is your ethernet connection, So your actual NIC's MAC

HydraPlane - March 11, 2014, 12:35 am

(Mar 11, 2014 12:17 AM)I Am Sexy Boys Wrote: [\[CITE\]](#) eth0 is your ethernet connection, So your actual NIC's MAC

Thanks for that.

Would changing it in addition to the machine's MAC (wlan0) using the ifconfig command improve anonymity?

r00tuuu123 - March 11, 2014, 2:14 am

(Mar 11, 2014 12:35 AM)HydraPlane Wrote: [\[CITE\]](#) Thanks for that.

Would changing it in addition to the machine's MAC (wlan0) using the ifconfig command improve anonymity? No not on a hard wired machine using a wireless connection but when you down the card and use the iwconfig command to put the card in monitor mode you also use ifconfig to put your (Usually mon0) down then up to the same mac going into monitor mode with macchanger changing the macs won't do this but the combination of

ifconfig and iwconfig and then ifconfig will do this to make mon0's mac change as well macchanger does not change the mac of mon0. Look into both these commands as well as the iw command this one is the NEW AND IMPROVED iwconfig command. and remember google is your friend ??? So: I'm not going to go into too much depth about it since most of the information is out there.