

**TAREA – ANGEL RAMON PAZ LOPEZ**  
**CAMBIAR MAC PERMANENTE A LA TARJETA DE RED**  
**HACKER MENTOR**

**PASO 1: IDENTIFICAR LA IP DE LA TARJETA INALAMBRICA WLAN0**

Utilizaremos el comando ifconfig

```
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlan0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 2312
    inet 192.168.2.102 netmask 255.255.255.0 broadcast 192.168.2.255
    inet6 fe80::b620:fbcc:6204:78a4 prefixlen 64 scopeid 0x20<link>
    ether 7c:c2:c6:22:40:cb txqueuelen 1000 (Ethernet)
    RX packets 376 bytes 100555 (98.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 51 bytes 12558 (12.2 KiB)
    TX errors 0 dropped 3 overruns 0 carrier 0 collisions 0
```

**PASO 2: CREAR UNA UNIDAD SYSTEMD PARA EJECUTAR MACCHANGER  
AUTOMÁTICAMENTE CADA VEZ QUE SE INICIE EL SISTEMA**

Primero creamos /etc/systemd/system/changemac@.service de la unidad systemd

```
kali@kali: ~
File Actions Edit View Help
(kali㉿kali)-[~]
$ sudo touch /etc/systemd/system/changemac@.service
(kali㉿kali)-[~]
$
```

Luego abrimos el archivo creado con cualquier editor de texto.

Una vez abierto pegamos el siguiente código:

[Unit]

Description=changes mac for %I

Wants=network.target

Before=network.target

BindsTo=sys-subsystem-net-devices-%i.device

After=sys-subsystem-net-devices-%i.device

[Service]

Type=oneshot

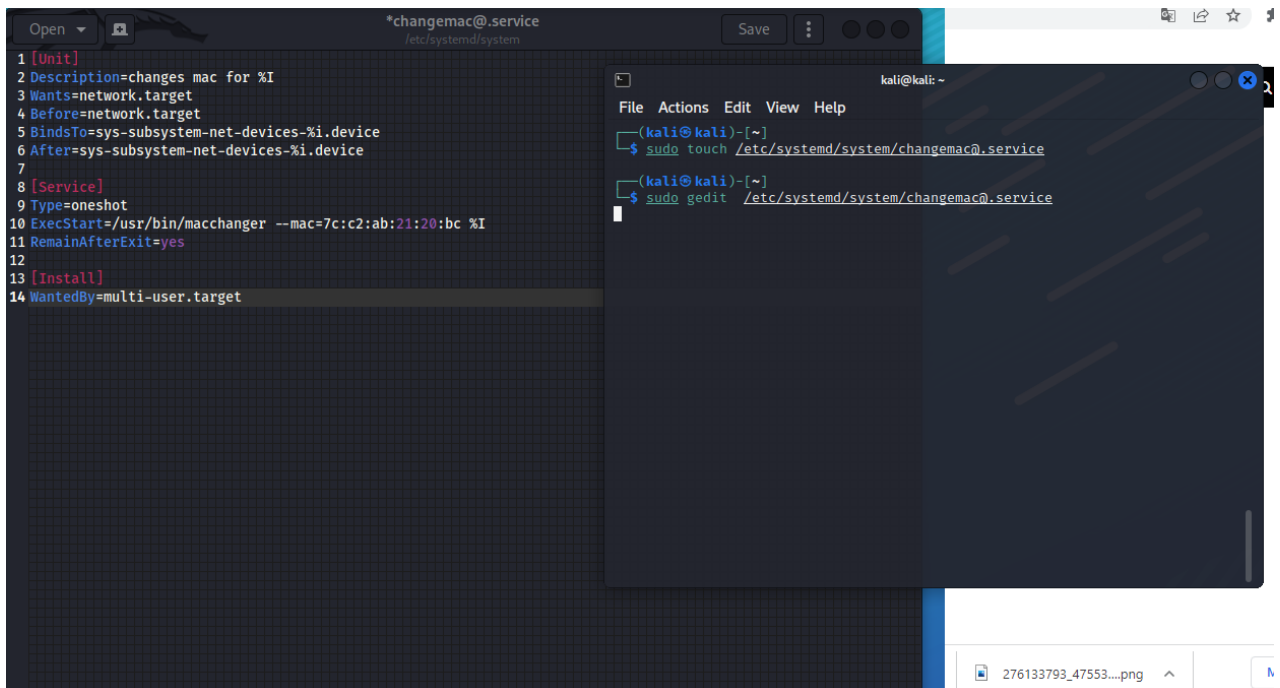
ExecStart=/usr/bin/macchanger --mac=7c:c2:ab:21:20:bc %I

RemainAfterExit=yes

[Install]

WantedBy=multi-user.target

Aquí se coloca la MAC



### PASO 3: HABILITAMOS EL SERVICIO DE MACCHANGER

Ahora es el momento de habilitar el servicio systemd para que se inicie en el arranque.

```
(kali㉿kali)-[~]  
$ sudo systemctl enable changemac@wlan0.service  
  
(kali㉿kali)-[~]  
$
```

El nombre de la tarjeta

PASO 4: REINICIAMOS EL SISTEMA

PASO 5: COMPROBAMOS EL CAMBIO

```
File Actions Edit View Help  
  
(kali㉿kali)-[~]  
$ sudo macchanger -s wlan0  
[sudo] password for kali:  
Current MAC: 7c:c2:ab:21:20:bc (unknown)  
Permanent MAC: 7c:c2:c6:22:40:cb (unknown)  
  
(kali㉿kali)-[~]  
$
```

```
(kali㉿kali)-[~]  
$ ip link show  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN mode DEFA  
ULT group default qlen 1000  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP m  
ode DEFAULT group default qlen 1000  
    link/ether 08:00:27:95:bd:54 brd ff:ff:ff:ff:ff:ff  
3: wlan0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 2312 qdisc mq state UP mode D  
ORMANT group default qlen 1000  
    link/ether 7c:c2:ab:21:20:bc brd ff:ff:ff:ff:ff:ff permaddr 7c:c2:c6:22:4  
0:cb  
  
(kali㉿kali)-[~]  
$
```

Para deshabilitar el servicio del cambio MAC ejecutamos en la terminal

```
sudo systemctl disable changemac@wlan0.service
```