


Turma: TII3

- Para alterar o nome do sistema digite `vi /etc/hotst` e em seguida mude para o nome desejado;



```


127.0.0.1      localhost
127.0.1.1      Lucas

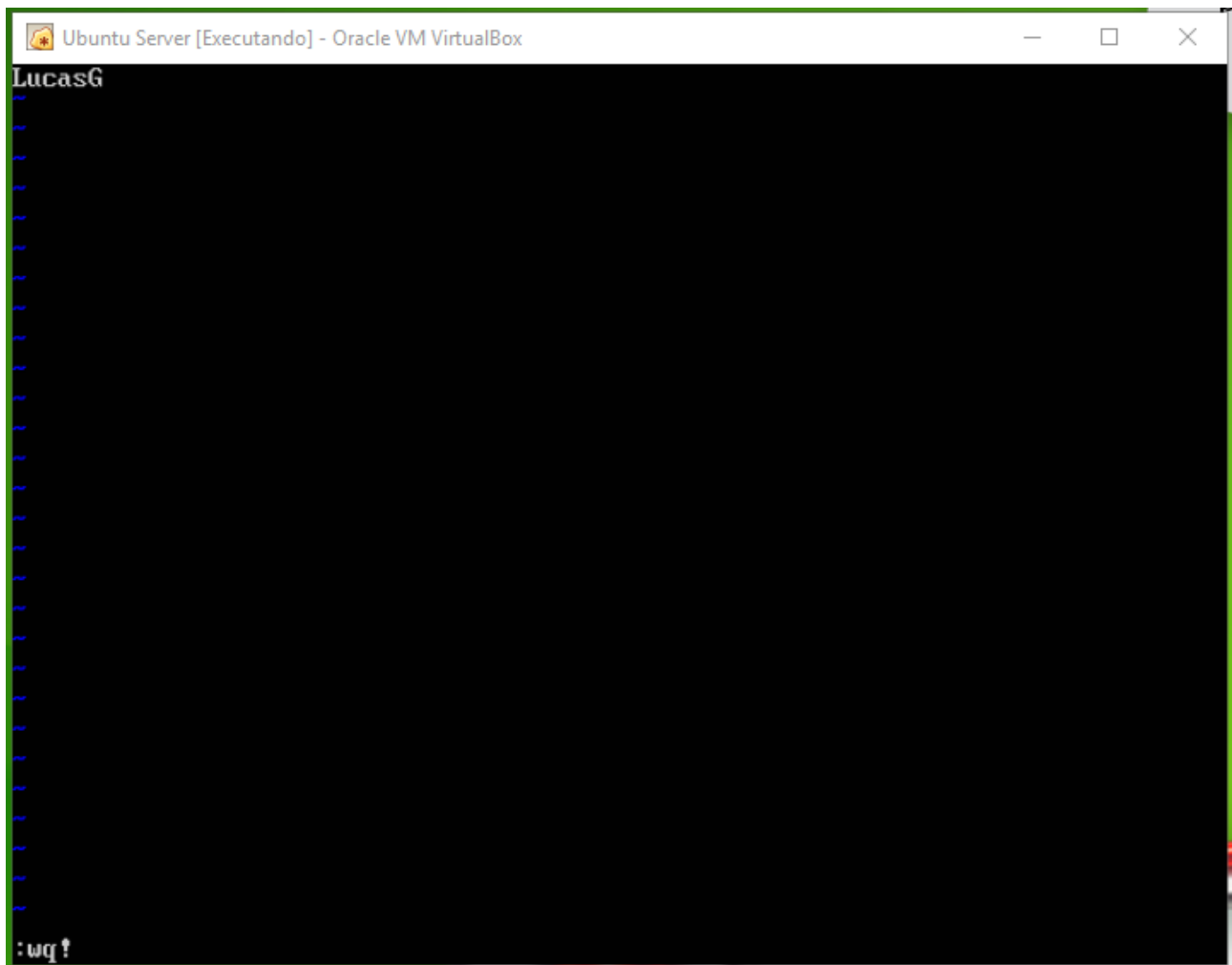
# The following lines are desirable for IPv6 capable hosts
::1          ip6-localhost ip6-loopback
fe00::0      ip6-localnet
ff00::0      ip6-mcastprefix
ff02::1      ip6-allnodes
ff02::2      ip6-allrouters

-- INERÇÃO --
2,16-22
Tudo

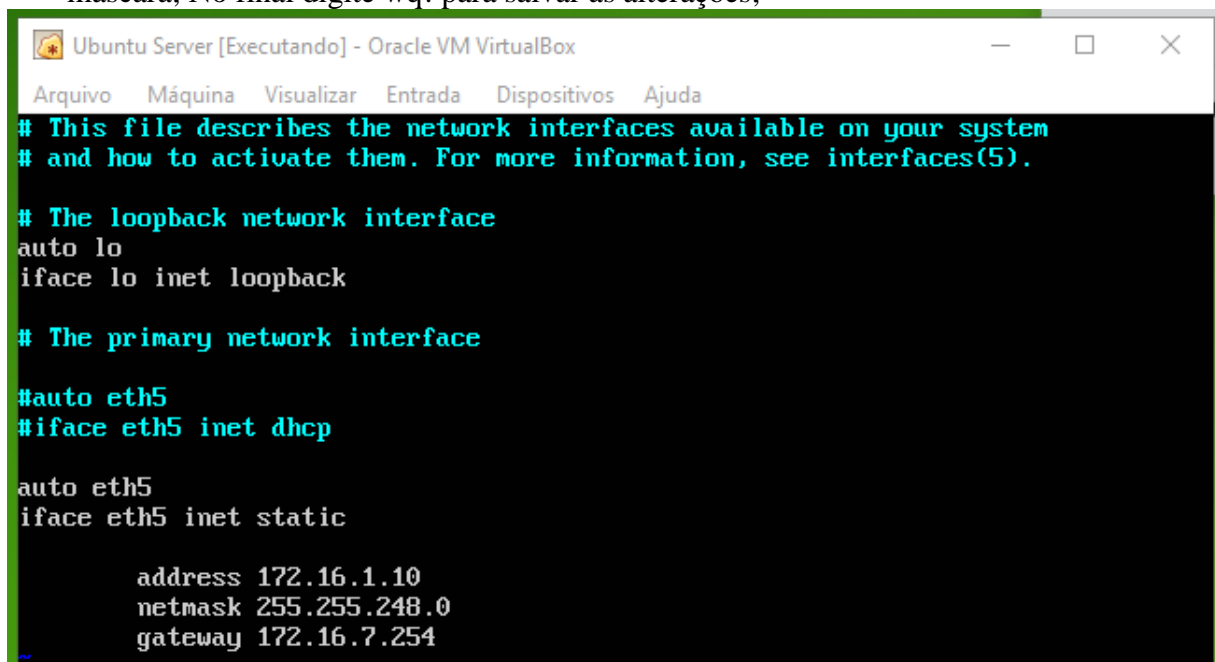
```

- Em seguida digite `vi /etc/hostname` e digite o nome do computador;

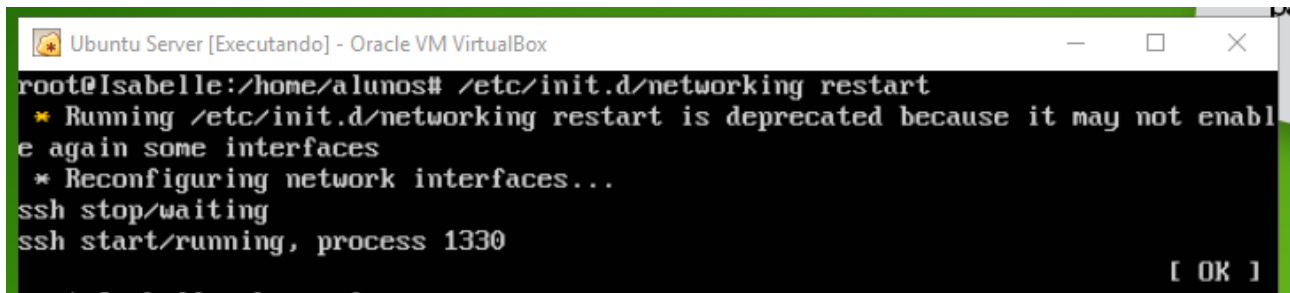




- Para colocar o servidor na rede utilizando configurações estáticas digite o comando `vi /etc/network/interfaces` e defina as configurações de rede estática como: IP, gateway e máscara; No final digite `wq!` para salvar as alterações;

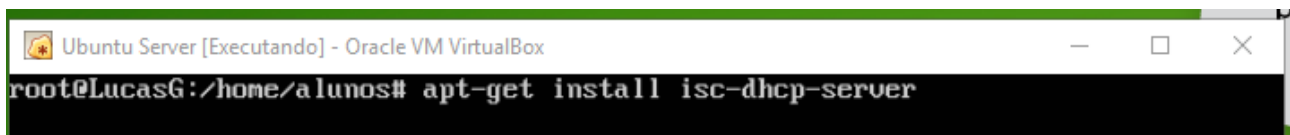


- Para garantir as mudanças reinicie o script de rede;



```
Ubuntu Server [Executando] - Oracle VM VirtualBox
root@Isabelle:/home/alunos# /etc/init.d/networking restart
* Running /etc/init.d/networking restart is deprecated because it may not enable again some interfaces
* Reconfiguring network interfaces...
ssh stop/waiting
ssh start/running, process 1330
[ OK ]
```

- Para instalar no Ubuntu Server o pacote isc-dhcp-server digite o comando apt-get install isc-dhcp-server;

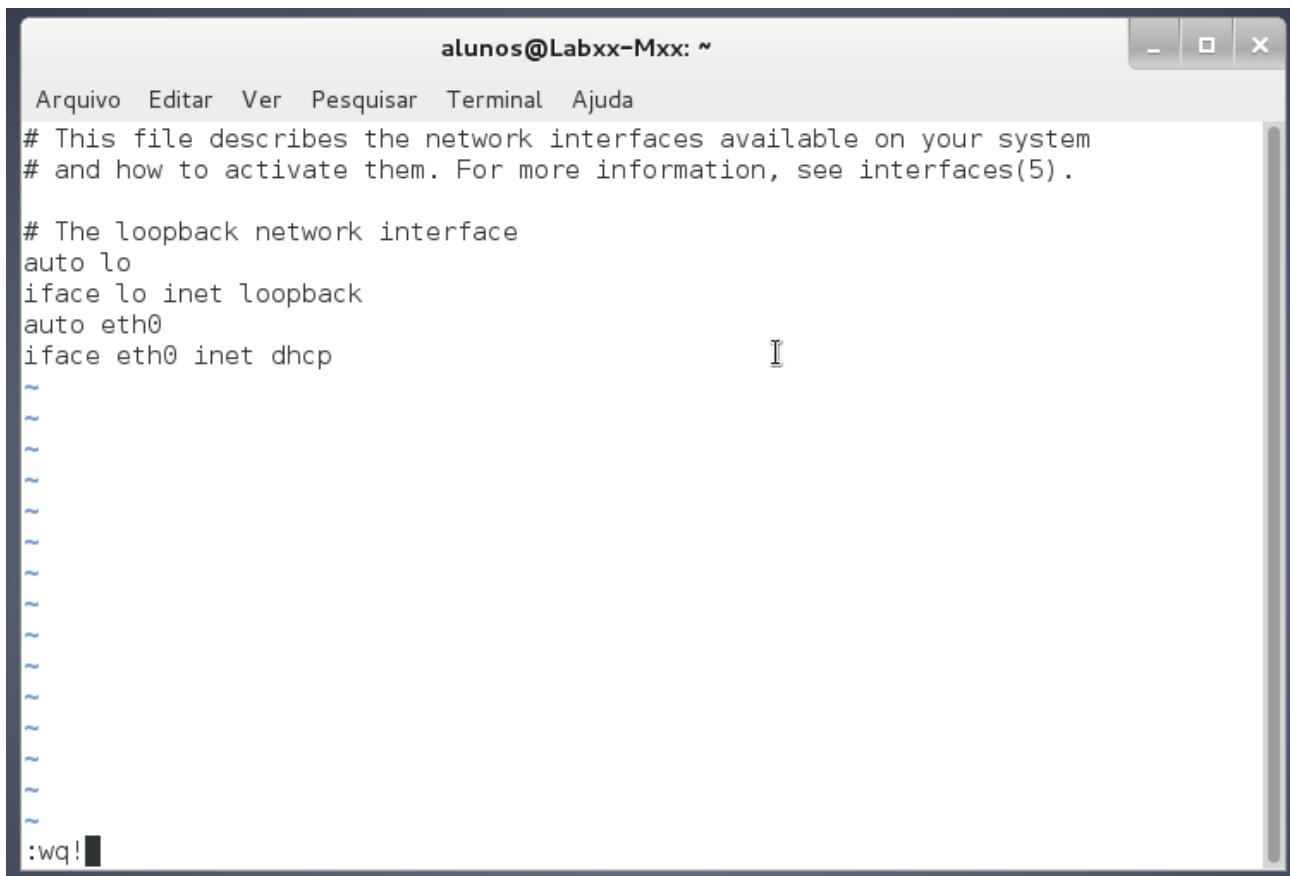


```
Ubuntu Server [Executando] - Oracle VM VirtualBox
root@LucasG:/home/alunos# apt-get install isc-dhcp-server
```

- Após ter instalado o pacote digite o comando vi /etc/dhcp/dhcpd.conf para configurar o escopo de endereços IP's.



```
Ubuntu Server [Executando] - Oracle VM VirtualBox
root@LucasG:/home/alunos# vi /etc/dhcp/dhcpd.conf
```

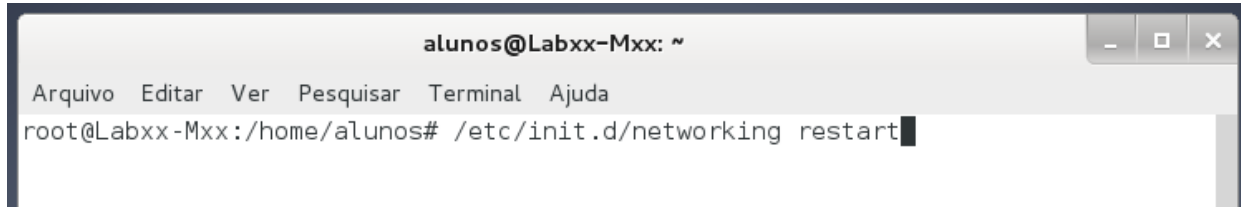



The screenshot shows a terminal window titled "alunos@Labxx-Mxx: ~". The window contains the contents of the /etc/network/interfaces file, which is being edited with the vi editor. The file content includes comments about network interfaces and configurations for the loopback interface 'lo' and the ethernet interface 'eth0' using DHCP. The vi editor's command line at the bottom shows the user is in the normal mode, with the command ':wq!' entered to save and quit the file.

```
alunos@Labxx-Mxx: ~
Arquivo  Editar  Ver  Pesquisar  Terminal  Ajuda
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

# The loopback network interface
auto lo
iface lo inet loopback
auto eth0
iface eth0 inet dhcp
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
~
:wq!
```

- E em seguida reinicie a placa de rede com o comando `vi /etc/init.d/networking restart`;



The screenshot shows a terminal window titled "alunos@Labxx-Mxx: ~". The window shows the command `/etc/init.d/networking restart` being executed as root. The prompt indicates the user is root at the Labxx-Mxx machine, in the directory /home/alunos.

```
alunos@Labxx-Mxx: ~
Arquivo  Editar  Ver  Pesquisar  Terminal  Ajuda
root@Labxx-Mxx:/home/alunos# /etc/init.d/networking restart
```

- Para mostrar as configurações de rede definidas no Debian digite `ifconfig`;

```
alunos@Labxx-Mxx: ~
Arquivo Editar Ver Pesquisar Terminal Ajuda
root@Labxx-Mxx:/home/alunos# ifconfig
eth0      Link encap:Ethernet  Endereço de HW 08:00:27:60:3a:52
          inet end.: 172.16.1.15  Bcast:172.16.7.255  Masc:255.255.248.0
          endereço inet6: fe80::a00:27ff:fe60:3a52/64  Escopo:Link
          UP BROADCASTRUNNING MULTICAST  MTU:1500  Métrica:1
          RX packets:10170 errors:0 dropped:0 overruns:0 frame:0
          TX packets:494 errors:0 dropped:0 overruns:0 carrier:0
          colisões:0 txqueuelen:1000
          RX bytes:1443756 (1.3 MiB)  TX bytes:72649 (70.9 KiB)

lo        Link encap:Loopback Local
          inet end.: 127.0.0.1  Masc:255.0.0.0
          endereço inet6: ::1/128  Escopo:Máquina
          UP LOOPBACKRUNNING  MTU:16436  Métrica:1
          RX packets:195 errors:0 dropped:0 overruns:0 frame:0
          TX packets:195 errors:0 dropped:0 overruns:0 carrier:0
          colisões:0 txqueuelen:0
          RX bytes:16907 (16.5 KiB)  TX bytes:16907 (16.5 KiB)

root@Labxx-Mxx:/home/alunos#
```

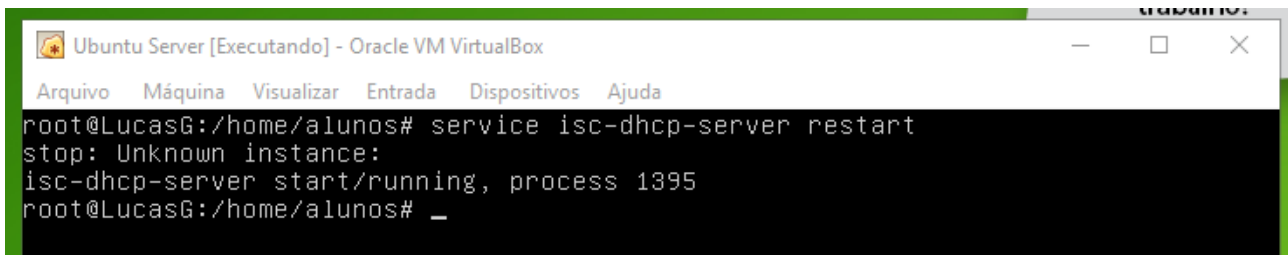
- Para definir um novo escopo digite no Ubuntu o comando `vi /etc/dhcp/dhcpd.conf`;

```
Ubuntu Server [Executando] - Oracle VM VirtualBox
root@LucasG:/home/alunos# vi /etc/dhcp/dhcpd.conf
```

- Em seguida define as configurações com o escopo de 30 IP's;

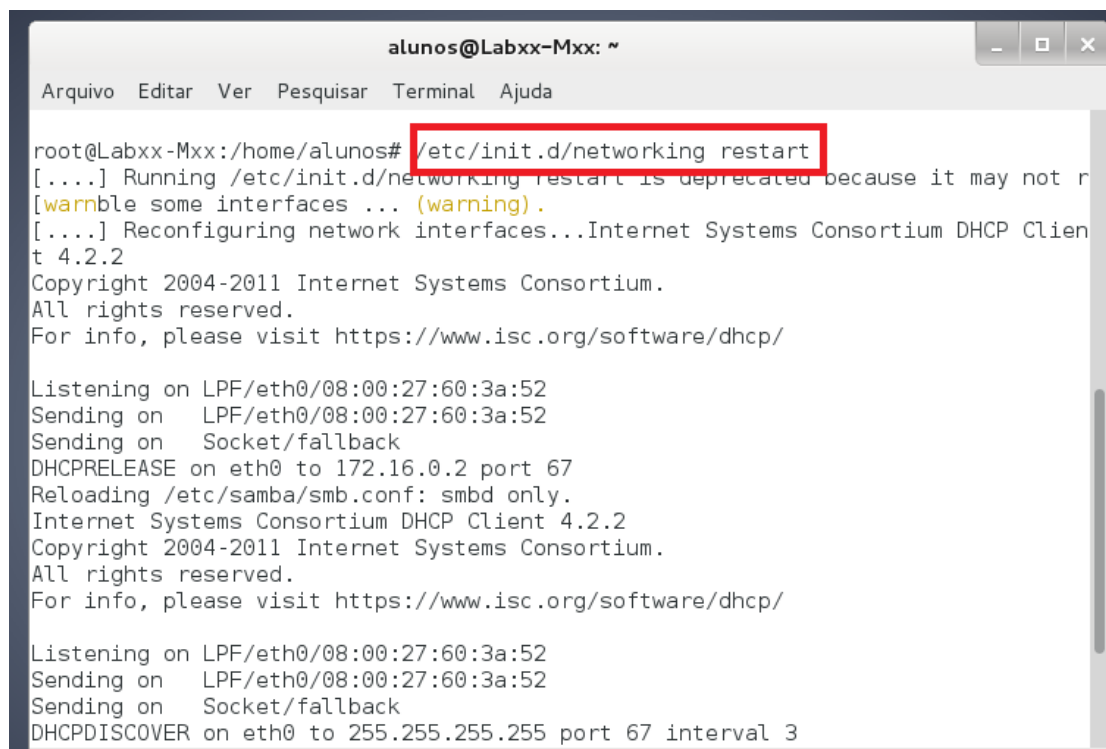
```
subnet 172.16.1.0 netmask 255.255.255.0
{
    range 172.16.1.50 172.16.1.79;
    option routers 172.16.7.254;
}
```

- Logo após reinicie o serviço com o comando `service isc-dhcp-server restart`;



```
Ubuntu Server [Executando] - Oracle VM VirtualBox
Arquivo  Máquina  Visualizar  Entrada  Dispositivos  Ajuda
root@LucasG:/home/alunos# service isc-dhcp-server restart
stop: Unknown instance:
isc-dhcp-server start/running, process 1395
root@LucasG:/home/alunos# _
```

- No Debian reinicie o script de rede para salvar as novas configurações com o comando `/etc/init.d/networking restart`;



```
alunos@Labxx-Mxx: ~
Arquivo  Editar  Ver  Pesquisar  Terminal  Ajuda
root@Labxx-Mxx:/home/alunos# /etc/init.d/networking restart
[....] Running /etc/init.d/networking restart is deprecated because it may not r
[warn]ble some interfaces ... (warning).
[....] Reconfiguring network interfaces...Internet Systems Consortium DHCP Clie
t 4.2.2
Copyright 2004-2011 Internet Systems Consortium.
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LPF/eth0/08:00:27:60:3a:52
Sending on   LPF/eth0/08:00:27:60:3a:52
Sending on   Socket/fallback
DHCPRELEASE on eth0 to 172.16.0.2 port 67
Reloading /etc/samba/smb.conf: smbd only.
Internet Systems Consortium DHCP Client 4.2.2
Copyright 2004-2011 Internet Systems Consortium.
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LPF/eth0/08:00:27:60:3a:52
Sending on   LPF/eth0/08:00:27:60:3a:52
Sending on   Socket/fallback
DHCPDISCOVER on eth0 to 255.255.255.255 port 67 interval 3
```

- Para mostrar o IP novo no Debian digite `ifconfig`;

alunos@Labxx-Mxx: ~

Arquivo Editar Ver Pesquisar Terminal Ajuda

root@Labxx-Mxx:/home/alunos# ifconfig

eth0 Link encap:Ethernet Endereco de HW 08:00:27:60:3a:52
inet end.: 172.16.1.51 Bcast:172.16.1.255 Masc:255.255.255.0
endereço inet6: fe80::a00:27ff:fe60:3a52/64 Escopo:Link
UP BROADCASTRUNNING MULTICAST MTU:1500 Métrica:1
RX packets:254 errors:0 dropped:0 overruns:0 frame:0
TX packets:93 errors:0 dropped:0 overruns:0 carrier:0
colisões:0 txqueuelen:1000
RX bytes:29376 (28.6 KiB) TX bytes:15153 (14.7 KiB)

lo Link encap:Loopback Local
inet end.: 127.0.0.1 Masc:255.0.0.0
endereço inet6: ::1/128 Escopo:Máquina
UP LOOPBACKRUNNING MTU:16436 Métrica:1
RX packets:138 errors:0 dropped:0 overruns:0 frame:0
TX packets:138 errors:0 dropped:0 overruns:0 carrier:0
colisões:0 txqueuelen:0
RX bytes:28210 (27.5 KiB) TX bytes:28210 (27.5 KiB)

root@Labxx-Mxx:/home/alunos#