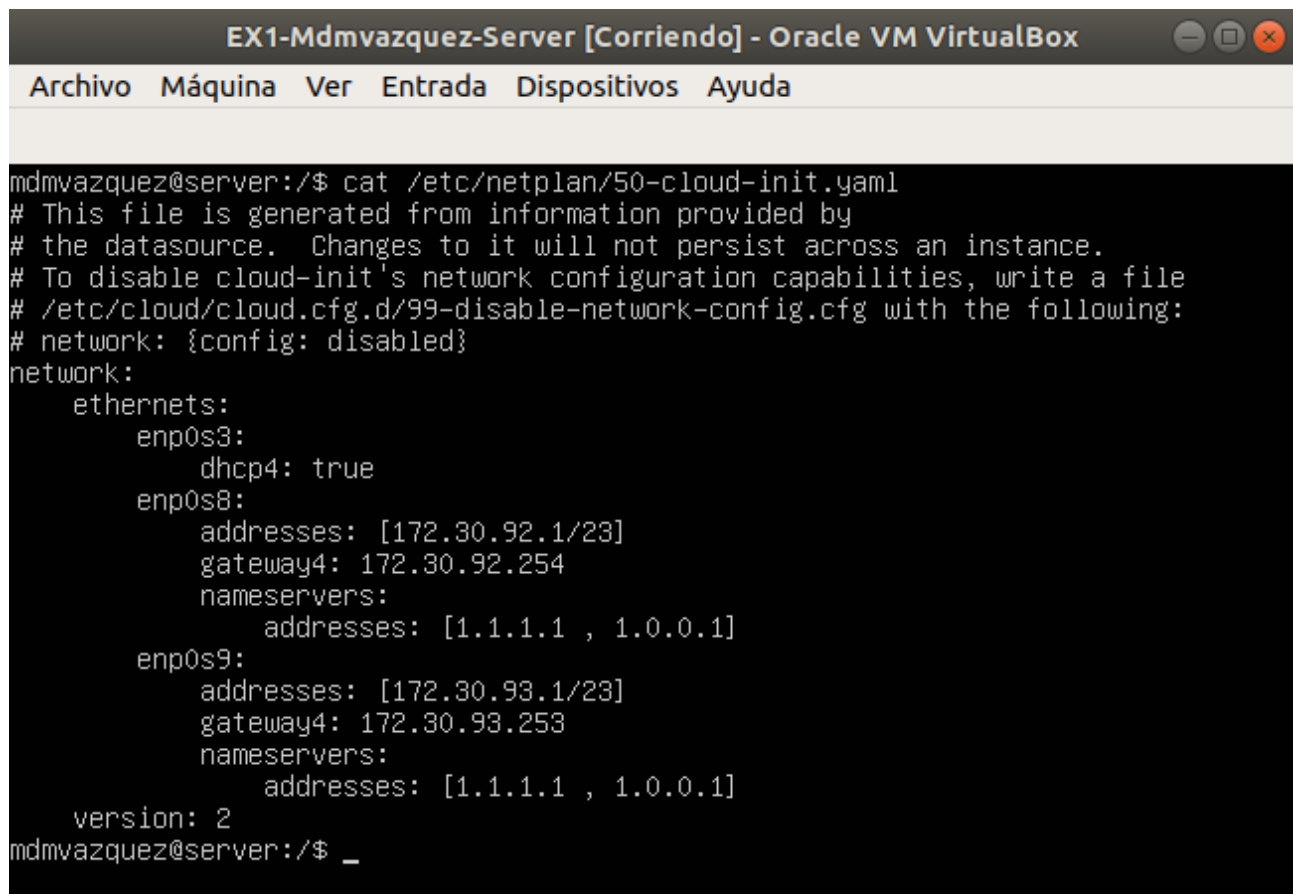


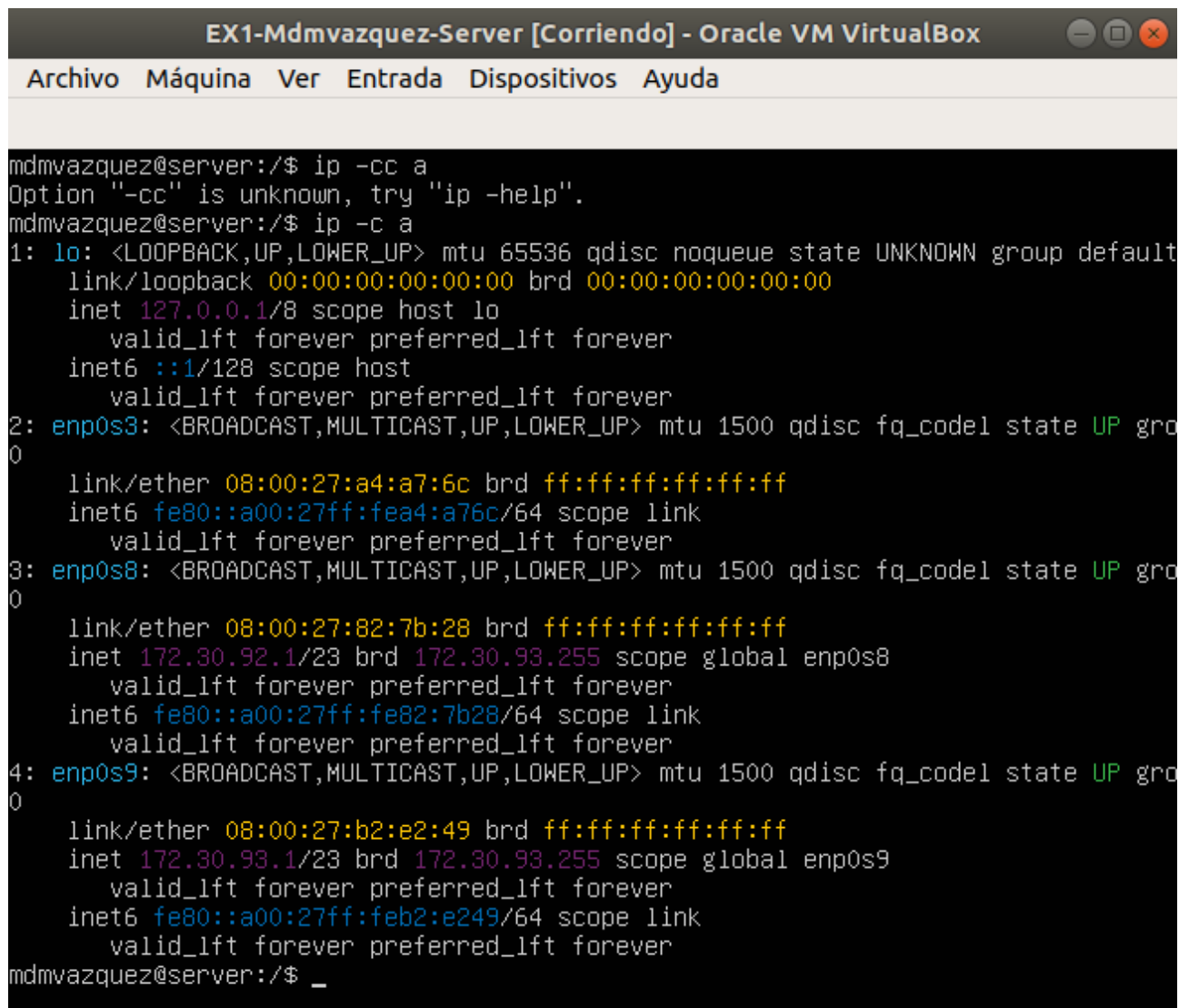
1,



```
EX1-Mdmvazquez-Server [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

mdmvazquez@server:/$ cat /etc/netplan/50-cloud-init.yaml
# This file is generated from information provided by
# the datasource.  Changes to it will not persist across an instance.
# To disable cloud-init's network configuration capabilities, write a file
# /etc/cloud/cloud.cfg.d/99-disable-network-config.cfg with the following:
# network: {config: disabled}
network:
  ethernets:
    enp0s3:
      dhcp4: true
    enp0s8:
      addresses: [172.30.92.1/23]
      gateway4: 172.30.92.254
      nameservers:
        addresses: [1.1.1.1 , 1.0.0.1]
    enp0s9:
      addresses: [172.30.93.1/23]
      gateway4: 172.30.93.253
      nameservers:
        addresses: [1.1.1.1 , 1.0.0.1]
  version: 2
mdmvazquez@server:/$ _
```

2,



```
EX1-Mdmvazquez-Server [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

mdmvazquez@server:/$ ip -cc a
Option "-cc" is unknown, try "ip -help".
mdmvazquez@server:/$ ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
   inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group
0
   link/ether 08:00:27:a4:a7:6c brd ff:ff:ff:ff:ff:ff
   inet6 fe80::a00:27ff:fea4:a76c/64 scope link
       valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group
0
   link/ether 08:00:27:82:7b:28 brd ff:ff:ff:ff:ff:ff
   inet 172.30.92.1/23 brd 172.30.93.255 scope global enp0s8
       valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:fe82:7b28/64 scope link
       valid_lft forever preferred_lft forever
4: enp0s9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group
0
   link/ether 08:00:27:b2:e2:49 brd ff:ff:ff:ff:ff:ff
   inet 172.30.93.1/23 brd 172.30.93.255 scope global enp0s9
       valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:feb2:e249/64 scope link
       valid_lft forever preferred_lft forever
mdmvazquez@server:/$ _
```

3,

```

EX1-Mdmvazquez-Server [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

GNU nano 2.9.3 /etc/dhcp/dhcpd.conf

subnet 172.30.92.0 netmask 255.255.254.0 {
    range 172.30.92.200 172.30.92.220;
    option domain-name-servers 1.1.1.1 , 1.0.0.1;
    option subnet-mask 255.255.254.0;
    option routers 172.30.92.254;
    option broadcast-address 172.30.92.255;
    min-lease-time 3600;
    default-lease-time 7200;
    max-lease-time 18000;
}

host mdmvazquez1 {
    hardware ethernet 08:00:27:af:32:73;
    fixed-address 172.30.92.100;
    option domain-name-servers 1.1.1.1 , 1.0.0.1;
    option subnet-mask 255.255.254.0;
    option routers 172.30.92.254;
    option broadcast-address 172.30.92.255;
    min-lease-time 3600;
    default-lease-time 86400;
    max-lease-time 172800;
}

```

4,

```

EX1-Mdmvazquez-Client [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

mdmvazquez@client:~$ cat /etc/netplan/50-cloud-init.yaml
# This file is generated from information provided by
# the datasource.  Changes to it will not persist across an instance.
# To disable cloud-init's network configuration capabilities, write a file
# /etc/cloud/cloud.cfg.d/99-disable-network-config.cfg with the following:
# network: {config: disabled}
network:
  ethernets:
    enp0s3:
      dhcp4: true
    enp0s8:
      dhcp4: true
    enp0s9:
      dhcp4: true
  version: 2
mdmvazquez@client:~$ _

```

5,

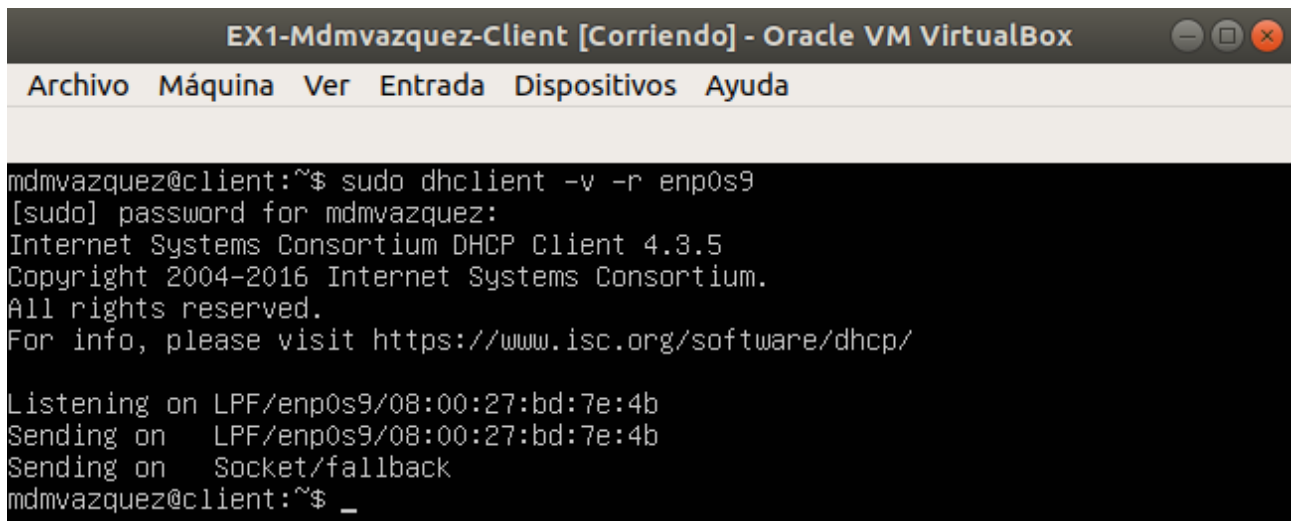
```

EX1-Mdmvazquez-Client [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

mdmvazquez@client:~$ ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gro
0
    link/ether 08:00:27:84:c0:b7 brd ff:ff:ff:ff:ff:ff
    inet 172.16.128.154/20 brd 172.16.143.255 scope global dynamic enp0s3
        valid_lft 3992sec preferred_lft 3992sec
    inet 172.16.128.192/20 brd 172.16.143.255 scope global secondary enp0s3
        valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fe84:c0b7/64 scope link
        valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gro
0
    link/ether 08:00:27:af:32:73 brd ff:ff:ff:ff:ff:ff
    inet6 fe80::a00:27ff:feaf:3273/64 scope link
        valid_lft forever preferred_lft forever
4: enp0s9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gro
0
    link/ether 08:00:27:bd:7e:4b brd ff:ff:ff:ff:ff:ff
    inet6 fe80::a00:27ff:febd:7e4b/64 scope link
        valid_lft forever preferred_lft forever
mdmvazquez@client:~$

```

6,



```
EX1-Mdmvazquez-Client [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

mdmvazquez@client:~$ sudo dhclient -v -r enp0s9
[sudo] password for mdmvazquez:
Internet Systems Consortium DHCP Client 4.3.5
Copyright 2004-2016 Internet Systems Consortium.
All rights reserved.
For info, please visit https://www.isc.org/software/dhcp/

Listening on LPF/enp0s9/08:00:27:bd:7e:4b
Sending on   LPF/enp0s9/08:00:27:bd:7e:4b
Sending on   Socket/fallback
mdmvazquez@client:~$ _
```