

# JUAN ANTONIO VILLORIA DEL MORAL

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JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
javilloria@javilloria-server1:~$ sudo nano /etc/netplan/00-installer-config.yaml
```

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JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
GNU nano 4.8 /etc/netplan/00-installer-config.yaml Modified
# This is the network config written by 'subiquity'
network:
  ethernets:
    enp0s3:
      dhcp4: no
      dhcp6: no
      addresses: [ 192.168.0.200/24 ]

    enp0s8:
      dhcp4: no
      dhcp6: no
      addresses: [ 192.168.1.200/24 ]

    enp0s9:
      dhcp4: no
      dhcp6: no
      addresses: [ 192.168.2.200/24 ]

  version: 2

Get Help  Write Out  Where Is  Cut Text  Justify  Cur Pos  M-U  Undo
Exit      Read File  Replace   Paste Text  To Spell  Go To Line  M-E  Redo
CTRL DERECHA
```

```
JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
javilloria@javilloria-server1:~$ sudo netplan apply
```

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JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
javilloria@javilloria-server1:~$ ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
   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 default qlen 1000
   link/ether 08:00:27:fb:a4:6c brd ff:ff:ff:ff:ff:ff
   inet 192.168.0.200/24 brd 192.168.0.255 scope global enp0s3
       valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:fe94:a46c/64 scope link
       valid_lft forever preferred_lft forever
3: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
   link/ether 08:00:27:94:cf:1c brd ff:ff:ff:ff:ff:ff
   inet 192.168.1.200/24 brd 192.168.1.255 scope global enp0s8
       valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:fe94:cf1c/64 scope link
       valid_lft forever preferred_lft forever
4: enp0s9: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
   link/ether 08:00:27:bc:fc:0f brd ff:ff:ff:ff:ff:ff
   inet 192.168.2.200/24 brd 192.168.2.255 scope global enp0s9
       valid_lft forever preferred_lft forever
   inet6 fe80::a00:27ff:febc:fc0f/64 scope link
       valid_lft forever preferred_lft forever
javilloria@javilloria-server1:~$ _
```

```
JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
javilloria@javilloria-server1:~$ sudo nano /etc/default/isc-dhcp-server_
```

```
JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

GNU nano 4.8 /etc/default/isc-dhcp-server Modified
# Defaults for isc-dhcp-server (sourced by /etc/init.d/isc-dhcp-server)

# Path to dhcpd's config file (default: /etc/dhcp/dhcpd.conf).
DHCPDv4_CONF=/etc/dhcp/dhcpd.conf
#DHCPDv6_CONF=/etc/dhcp/dhcpd6.conf

# Path to dhcpd's PID file (default: /var/run/dhcpd.pid).
DHCPDv4_PID=/var/run/dhcpd.pid
#DHCPDv6_PID=/var/run/dhcpd6.pid

# Additional options to start dhcpd with.
# Don't use options -cf or -pf here; use DHCPD_CONF/ DHCPD_PID instead
#OPTIONS=""

# On what interfaces should the DHCP server (dhcpd) serve DHCP requests?
# Separate multiple interfaces with spaces, e.g. "eth0 eth1".
INTERFACESv4="enp0s8 enp0s9"
INTERFACESv6=""

^G Get Help  ^O Write Out  ^W Where Is  ^K Cut Text  ^J Justify  ^C Cur Pos  M-U Undo
^X Exit      ^R Read File  ^_ Replace   ^U Paste Text ^T To Spell  ^_ Go To Line M-E Redo

CTRL DERECHA
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```
JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
javilloria@javilloria-server1:~$ sudo nano /etc/dhcp/dhcpd.conf_
```

JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

GNU nano 4.8 /etc/dhcp/dhcpd.conf Modified

```
# Use this to send dhcp log messages to a different log file (you also
# have to hack syslog.conf to complete the redirection).
#log-facility local7;

# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.

subnet 192.168.1.0 netmask 255.255.255.0 {
    range 192.168.1.25 192.168.1.27;
    option domain-name-servers 192.168.1.200;
    option broadcast-address 192.168.1.255;
}

subnet 192.168.2.0 netmask 255.255.255.0 {
    range 192.168.2.25 192.168.2.27;
    option domain-name-servers 192.168.2.200;
    option broadcast-address 192.168.2.255;
}

# This is a very basic subnet declaration.

#subnet 10.254.239.0 netmask 255.255.255.224 {
#    range 10.254.239.10 10.254.239.20;
#    option routers rtr-239-0-1.example.org, rtr-239-0-2.example.org;
#}

# This declaration allows BOOTP clients to get dynamic addresses,
# which we don't really recommend.

#subnet 10.254.239.32 netmask 255.255.255.224 {
#    range dynamic-bootp 10.254.239.40 10.254.239.60;
#    option broadcast-address 10.254.239.31;
#}

^G Get Help  ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify    ^C Cur Pos    M-U Undo
^X Exit      ^R Read File  ^\ Replace    ^U Paste Text ^T To Spell   ^_ Go To Line  M-E Redo
```

CTRL DERECHA

JVilloria-Server1 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

```
jvilloria@jvilloria-server1:~$ systemctl restart isc-dhcp-server
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ====
Authentication is required to restart 'isc-dhcp-server.service'.
Authenticating as: Juan Antonio Villoria del Moral (jvilloria)
Password:
==== AUTHENTICATION COMPLETE ====
jvilloria@jvilloria-server1:~$ _
```

```
JVilloria-Client1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
javilloria@javilloria-client1:~$ ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    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 default qlen 1000
    link/ether 08:00:27:17:72:38 brd ff:ff:ff:ff:ff:ff
    inet 192.168.1.25/24 brd 192.168.1.255 scope global dynamic enp0s3
        valid_lft 563sec preferred_lft 563sec
    inet6 fe80::a00:27ff:fe17:7238/64 scope link
        valid_lft forever preferred_lft forever
javilloria@javilloria-client1:~$
```

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JVilloria-Server [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
Actividades  Terminal  6 de dic 13:20
jvilloria
Papelera
JVilloria_XAM...pdf
Sin título 1.odt
JVilloria_SWeb...df
Sin título 2.odt

jvilloria@JVilloria-server: ~
jvilloria@JVilloria-server:~$ ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    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 default qlen 1000
    link/ether 08:00:27:67:ad:f0 brd ff:ff:ff:ff:ff:ff
    inet 192.168.2.25/24 brd 192.168.2.255 scope global dynamic noprefixroute enp0s3
        valid_lft 539sec preferred_lft 539sec
    inet6 fe80::f5dd:a293:7e57:692c/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
jvilloria@JVilloria-server:~$
```