

# Examen DAW 1er Trimestre - Parte 2

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Despliegue de Aplicaciones Web - 2ºDAW - IES Doñana

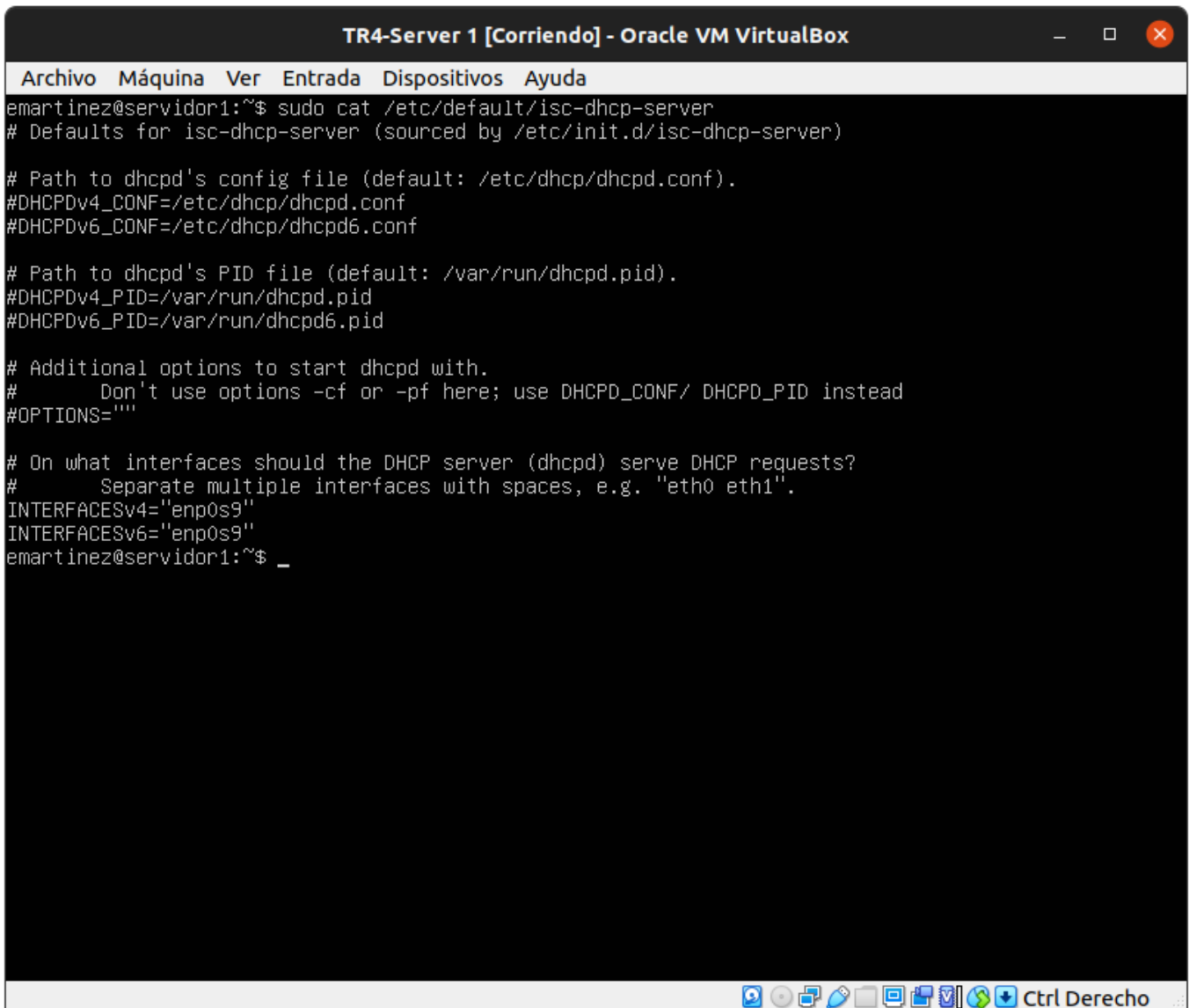
20 de diciembre de 2021

## Parte 2

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### 2.a

/etc/default/isc-dhcp-server



```
TR4-Server 1 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
emartinez@servidor1:~$ sudo cat /etc/default/isc-dhcp-server
# 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="enp0s9"
INTERFACESv6="enp0s9"
emartinez@servidor1:~$ _
```

/etc/dhcp/dhcpd.conf

TR4-Server 1 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

```
emartinez@servidor1:~$ sudo cat /etc/dhcp/dhcpd.conf
# dhcpd.conf
# option definitions common to all supported networks...
option domain-name "example.org";
option domain-name-servers ns1.example.org, ns2.example.org;
default-lease-time 600;
max-lease-time 7200;
# The ddns-updates-style parameter
ddns-update-style none;

# Subnet Red3
subnet 172.30.13.0 netmask 255.255.255.0 {
    range 172.30.13.200 172.30.13.220;
    option domain-name-servers 172.30.13.1, 172.30.13.2;
    option domain-name "examen13.com";
    option subnet-mask 255.255.255.0;
    option routers 172.30.13.1;
    option broadcast-address 172.30.13.255;
    default-lease-time 1800;
    max-lease-time 18000;
}

# Reservada Server2 dev1
host server2dev1 {
    hardware ethernet 08:00:27:6f:24:6e;
    fixed-address 172.30.13.2;
}

# Reservada Client1 dev1
host client1dev1 {
    hardware ethernet 08:08:08:08:08:13;
    fixed-address 172.30.13.3;
}
emartinez@servidor1:~$
```

Ctrl Derecho

## 2.b

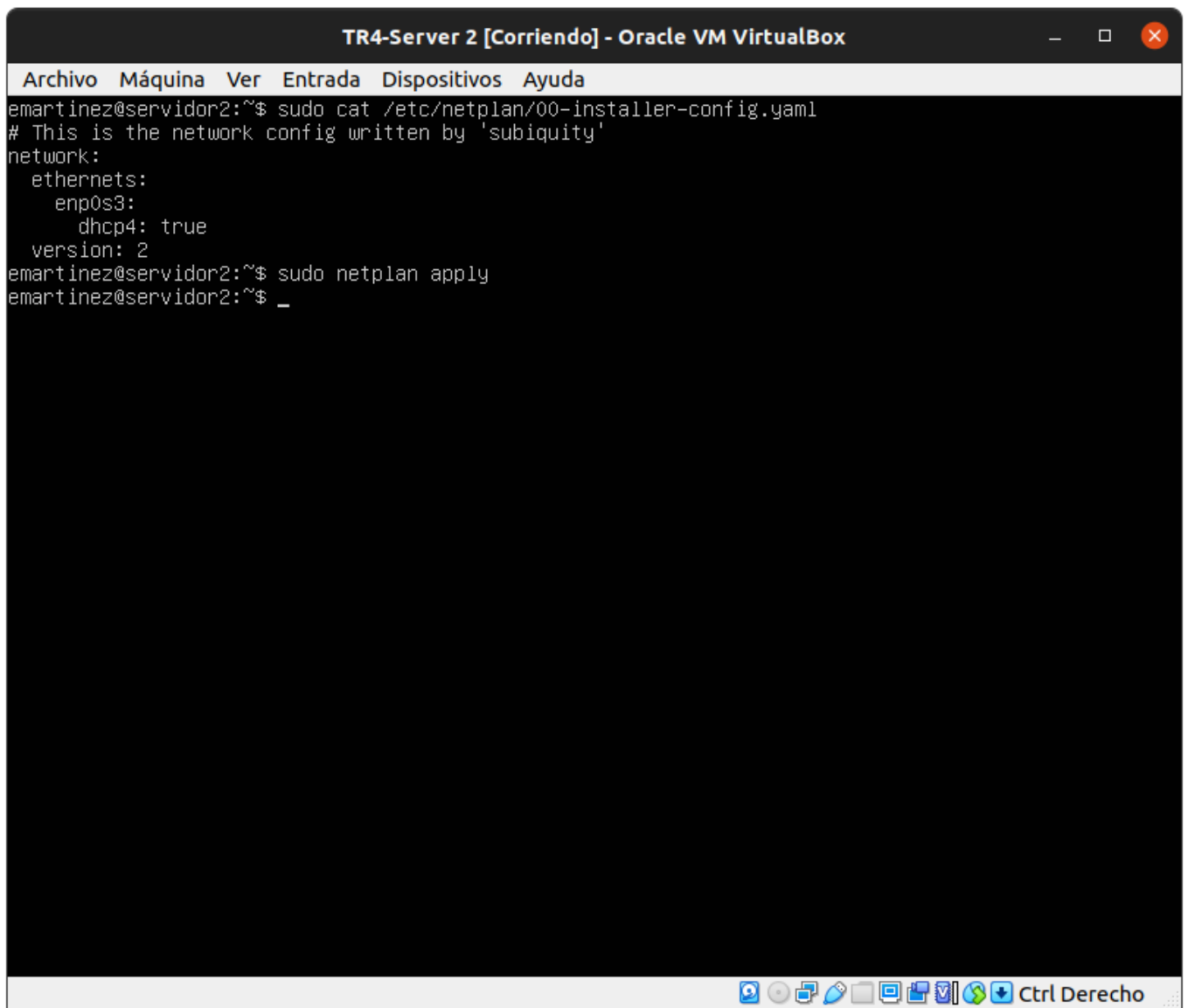
TR4-Server 1 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

```
emartinez@servidor1:~$ sudo cat /etc/netplan/00-installer-config.yaml
# This is the network config written by 'subiquity'
network:
  ethernets:
    enp0s3:
      dhcp4: true
    enp0s8:
      dhcp4: true
    enp0s9:
      dhcp4: no
      addresses: [172.30.13.1/24]
      nameservers:
        search: [examen13.com]
        addresses: [8.8.8.8, 8.8.4.4]
  version: 2
emartinez@servidor1:~$ sudo netplan apply
emartinez@servidor1:~$ _
```

Ctrl Derecho

2.c



```
TR4-Server 2 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
emartinez@servidor2:~$ sudo cat /etc/netplan/00-installer-config.yaml
# This is the network config written by 'subiquity'
network:
  ethernets:
    enp0s3:
      dhcp4: true
  version: 2
emartinez@servidor2:~$ sudo netplan apply
emartinez@servidor2:~$ _
```

2.d

```
valid_lft 1150sec preferred_lft 1150sec
inet 172.30.13.3/24 brd 172.30.13.255 scope global secondary dynamic enp0s3
valid_lft 1614sec preferred_lft 1614sec
inet6 fe80::a08:8ff:fe08:813/64 scope link
valid_lft forever preferred_lft forever
emartinez@cliente:~$ ip route | grep enp0s3

default via 172.30.13.1 dev enp0s3 proto dhcp metric 100
172.30.13.0/24 dev enp0s3 proto kernel scope link src 172.30.13.200 metric 100
emartinez@cliente:~$ systemd-resolve --status enp0s3
Link 2 (enp0s3)
    Current Scopes: DNS
DefaultRoute setting: yes
    LLMNR setting: yes
MulticastDNS setting: no
    DNSOverTLS setting: no
    DNSSEC setting: no
    DNSSEC supported: no
    DNS Servers: 172.30.13.1
                 172.30.13.2
    DNS Domain: ~.
                examen13.com
emartinez@cliente:~$
```

