

Aluno: Cássio de Albuquerque

Curso: Técnico em Redes de Computadores

Trabalho: SA2- Instalação e configuração de servidor DHCP

Configuração DHCP Debian Linux

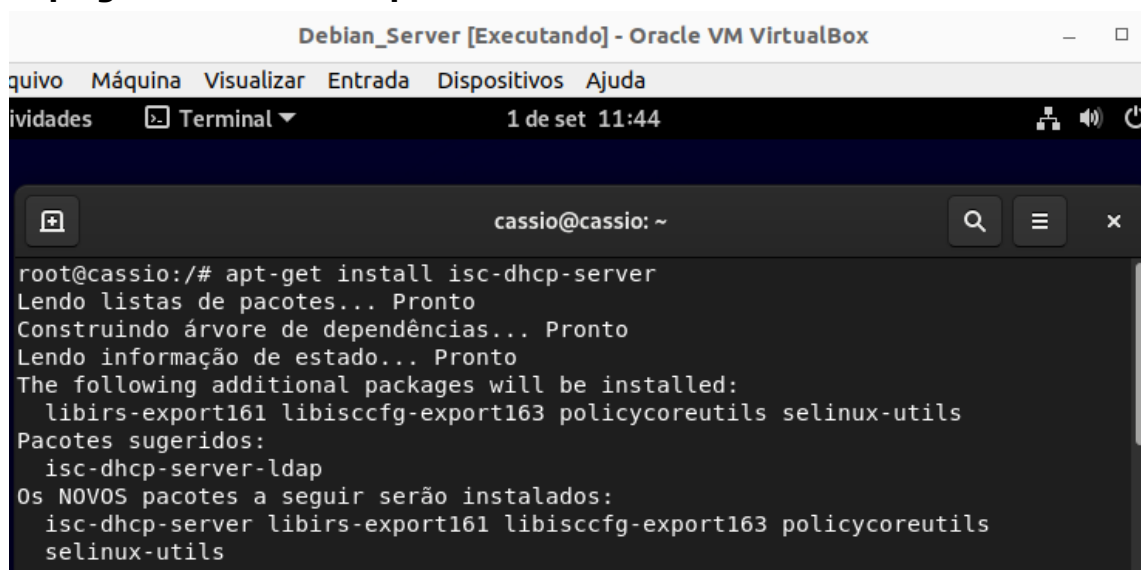
Configuração de DNS com Debian 11

1- Instalação do Bind9

#apt update

#apt upgrade

#apt-get install isc-dhcp-server



```
Debian_Server [Executando] - Oracle VM VirtualBox
Arquivo  Máquina  Visualizar  Entrada  Dispositivos  Ajuda
atividades  Terminal  1 de set 11:44

cassio@cassio: ~
root@cassio:/# apt-get install isc-dhcp-server
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
The following additional packages will be installed:
  libirs-export161 libiscfg-export163 policycoreutils selinux-utils
Pacotes sugeridos:
  isc-dhcp-server-ldap
Os NOVOS pacotes a seguir serão instalados:
  isc-dhcp-server libirs-export161 libiscfg-export163 policycoreutils
  selinux-utils
```

```
cassio@cassio: ~
go
  Docs: man:systemd-sysv-generator(8)
  Process: 1904 ExecStart=/etc/init.d/isc-dhcp-server start (code=exited, status=1/FAILURE)
  CPU: 20ms

set 02 10:11:28 cassio dhcpd[1918]: before submitting a bug. These pages explain the proper
set 02 10:11:28 cassio isc-dhcp-server[1918]: before submitting a bug. These pages explain the proper
set 02 10:11:28 cassio dhcpd[1918]: process and the information we find helpful for debugging.
set 02 10:11:28 cassio isc-dhcp-server[1918]: process and the information we find helpful for debugging.
set 02 10:11:28 cassio dhcpd[1918]:
set 02 10:11:28 cassio dhcpd[1918]: exiting.
set 02 10:11:28 cassio isc-dhcp-server[1918]: exiting.
set 02 10:11:28 cassio systemd[1]: isc-dhcp-server.service: Control process exited, code=exited, status=1/FAILURE
set 02 10:11:28 cassio systemd[1]: isc-dhcp-server.service: Failed with result 'exit-code'.
set 02 10:11:28 cassio systemd[1]: Failed to start LSB: DHCP server.
A processar 'triggers' para man-db (2.9.4-2) ...
root@cassio:/#
```

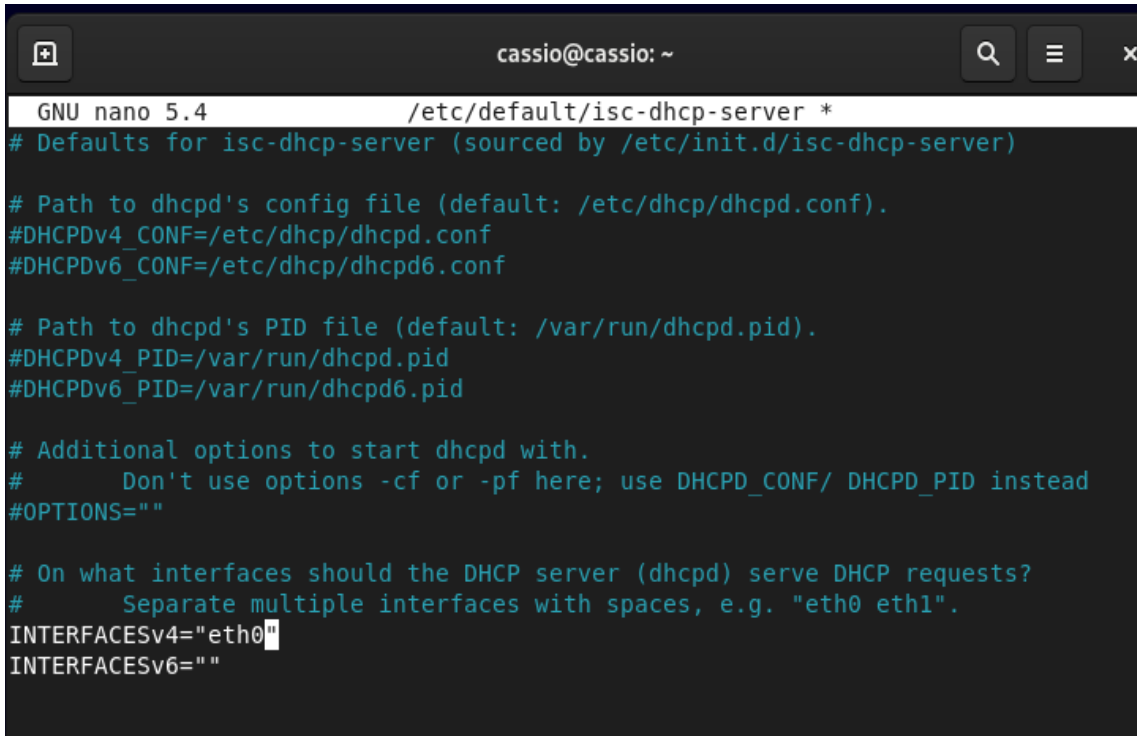
2-Configurar arquivo dhcp.d

No início se já tivermos um servidor DNS podemos inseri-lo conforme fiz.

```
cassio@cassio: ~
GNU nano 5.4 dhcpd.conf *
1 # dhcpd.conf
2 #
3 # Sample configuration file for ISC dhcpd
4 ddns-update-style interim;
5
6 # option definitions common to all supported networks...
7 option domain-name "senai.org";
8 option domain-name-servers 10.0.2.15, 8.8.8.8;
9
10 default-lease-time 600;
11 max-lease-time 7200;
12
13 # The ddns-updates-style parameter controls whether or not the server will
14 # attempt to do a DNS update when a lease is confirmed. We default to the
15 # behavior of the version 2 packages ('none', since DHCP v2 didn't
16 # have support for DDNS.)
17 ddns-update-style none;
18
19 # If this DHCP server is the official DHCP server for the local
20 # network, the authoritative directive should be uncommented.
```

Depois informamos nossa rede, gateway se tivermos, intervalo da rede (range), endereço de broadcast e máscara de subrede.

3- Indicamos a interface que será utilizada pelo servidor no documento interfaces no diretório network.



```
GNU nano 5.4 /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="eth0"
INTERFACESv6=""
```

4- Reiniciamos o serviço com os seguintes comandos.

```
# etc/init.d/isc-dhcp-server restart
```

