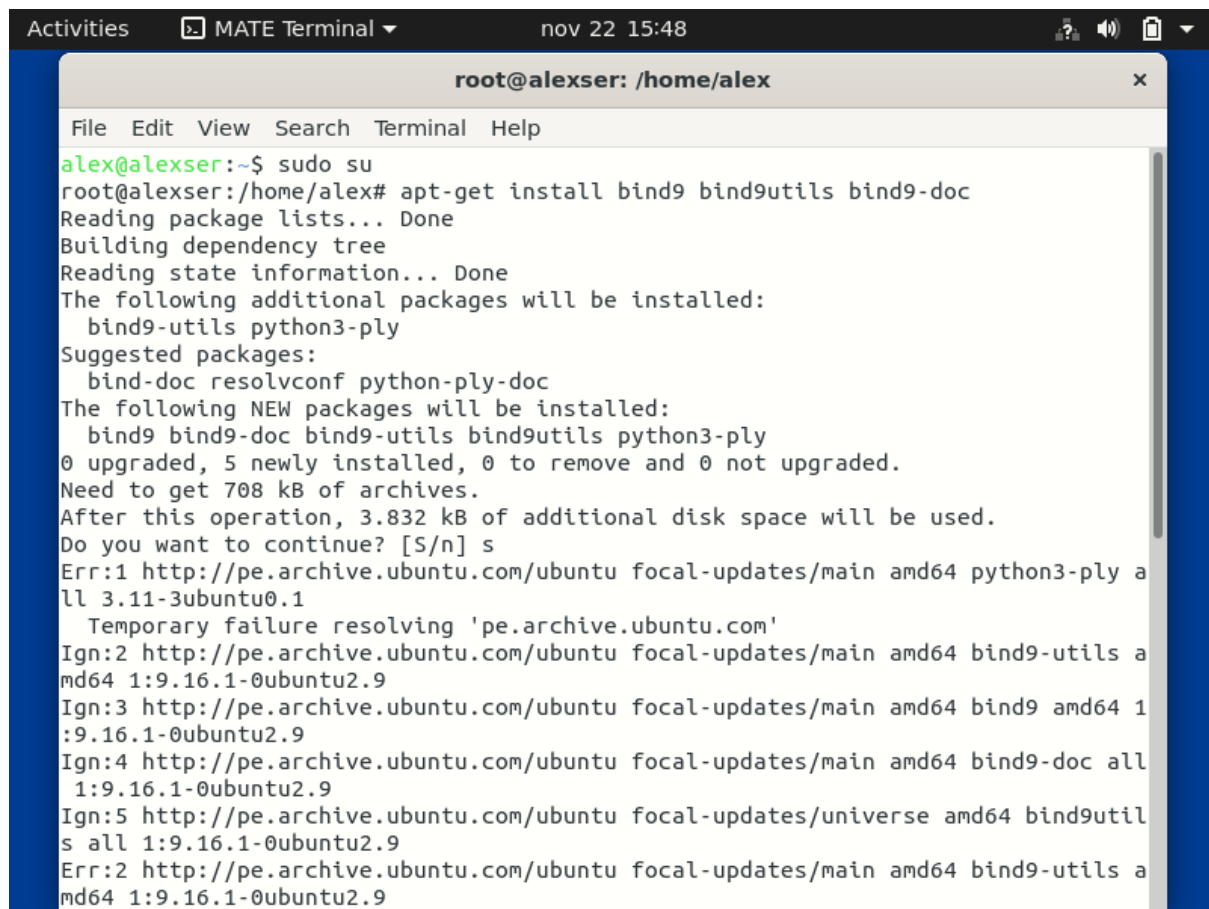


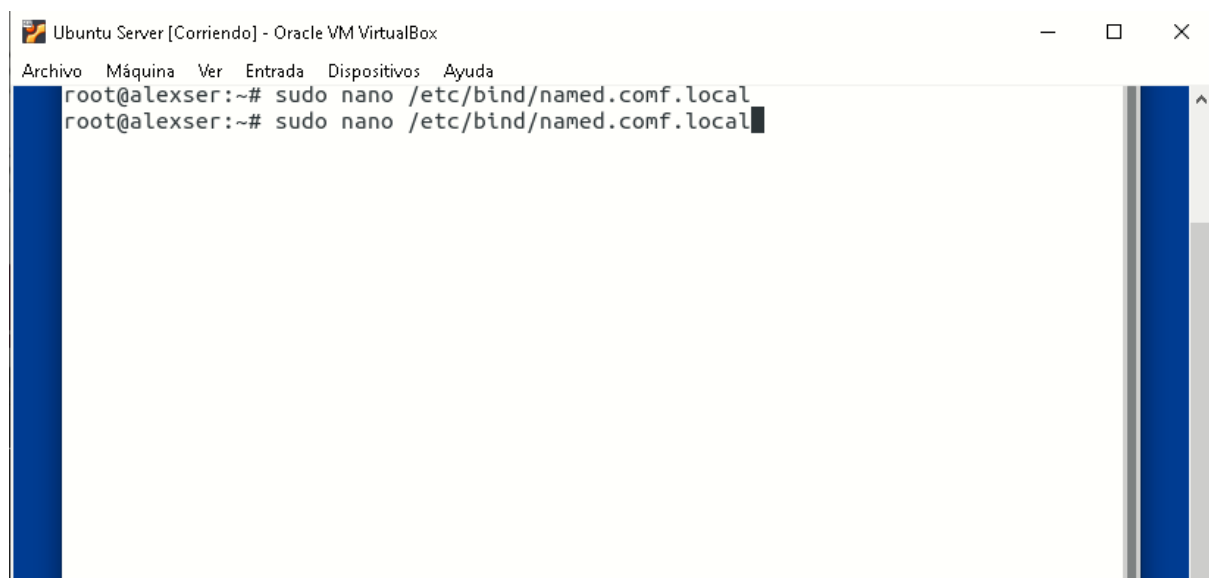
<https://www.youtube.com/watch?v=PI8jQLNUIMo>

Instalamos las librerías: bind9



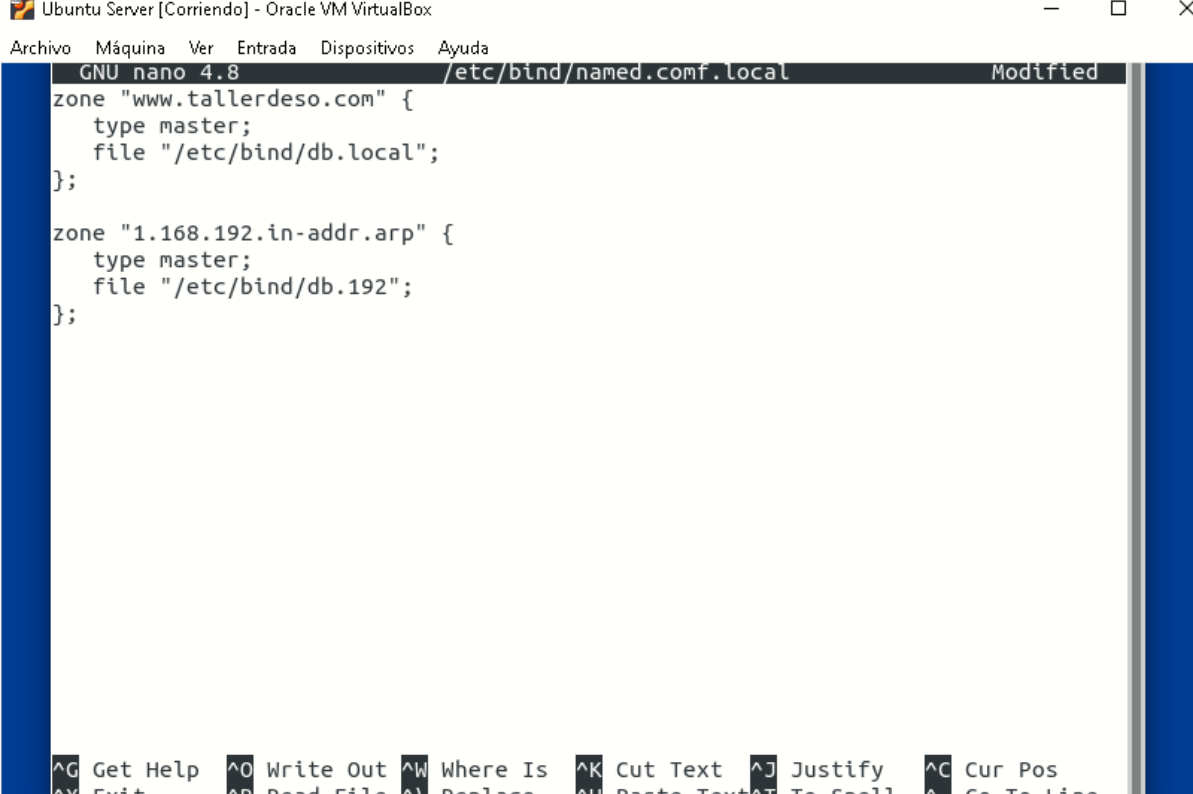
```
Activities  MATE Terminal  nov 22 15:48
root@alexser: /home/alex
File Edit View Search Terminal Help
alex@alexser:~$ sudo su
root@alexser:/home/alex# apt-get install bind9 bind9utils bind9-doc
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  bind9-utils python3-ply
Suggested packages:
  bind-doc resolvconf python-ply-doc
The following NEW packages will be installed:
  bind9 bind9-doc bind9-utils bind9utils python3-ply
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 708 kB of archives.
After this operation, 3.832 kB of additional disk space will be used.
Do you want to continue? [S/n] s
Err:1 http://pe.archive.ubuntu.com/ubuntu focal-updates/main amd64 python3-ply a
ll 3.11-3ubuntu0.1
Temporary failure resolving 'pe.archive.ubuntu.com'
Ign:2 http://pe.archive.ubuntu.com/ubuntu focal-updates/main amd64 bind9-utils a
md64 1:9.16.1-0ubuntu2.9
Ign:3 http://pe.archive.ubuntu.com/ubuntu focal-updates/main amd64 bind9 amd64 1
:9.16.1-0ubuntu2.9
Ign:4 http://pe.archive.ubuntu.com/ubuntu focal-updates/main amd64 bind9-doc all
1:9.16.1-0ubuntu2.9
Ign:5 http://pe.archive.ubuntu.com/ubuntu focal-updates/universe amd64 bind9util
s all 1:9.16.1-0ubuntu2.9
Err:2 http://pe.archive.ubuntu.com/ubuntu focal-updates/main amd64 bind9-utils a
md64 1:9.16.1-0ubuntu2.9
```

Vamos ingresar a editar el archivo named.conf.local



```
Ubuntu Server [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
root@alexser:~# sudo nano /etc/bind/named.conf.local
root@alexser:~# sudo nano /etc/bind/named.conf.local
```

Agregamos estas líneas de código:



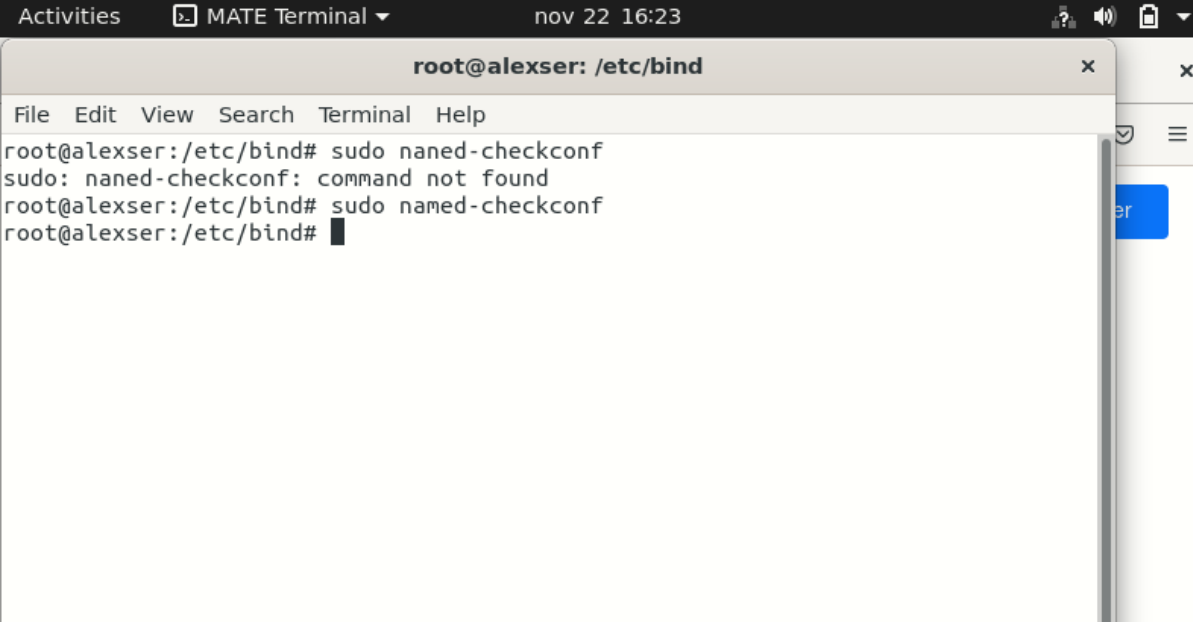
The screenshot shows a terminal window titled "Ubuntu Server [Corriendo] - Oracle VM VirtualBox". Inside, the GNU nano 4.8 editor is open, editing the file /etc/bind/named.conf.local. The file contains two zone definitions: one for "www.tallerdeso.com" and another for "1.168.192.in-addr.arp". Both are configured as master zones with their respective database files. The bottom of the window displays nano editor shortcuts.

```
GNU nano 4.8 /etc/bind/named.conf.local Modified
zone "www.tallerdeso.com" {
    type master;
    file "/etc/bind/db.local";
};

zone "1.168.192.in-addr.arp" {
    type master;
    file "/etc/bind/db.192";
};

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

Verificar que todo está bien configurado



The screenshot shows a terminal window titled "Activities" with a "MATE Terminal" icon. The window title bar also shows "root@alexser: /etc/bind". The terminal output shows a user attempting to run "sudo named-checkconf" twice, both times receiving the error "command not found".

```
Activities MATE Terminal nov 22 16:23
root@alexser: /etc/bind
File Edit View Search Terminal Help
root@alexser:/etc/bind# sudo named-checkconf
sudo: named-checkconf: command not found
root@alexser:/etc/bind# sudo named-checkconf
root@alexser:/etc/bind#
```

Cambiamos el archivo y ingresamos al archivo cambiado.

```
Ubuntu Server [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
Activities MATE Terminal nov 22 16:25
root@alexser: /etc/bind

File Edit View Search Terminal Help
root@alexser:/etc/bind# sudo nanded-checkconf
sudo: nanded-checkconf: command not found
root@alexser:/etc/bind# sudo named-checkconf
root@alexser:/etc/bind# cp /etc/bind/db.127 /etc/bind/db.192
root@alexser:/etc/bind# nano db.192
```

Editamos la configuracion de este archivo con “tallerdeso.com”

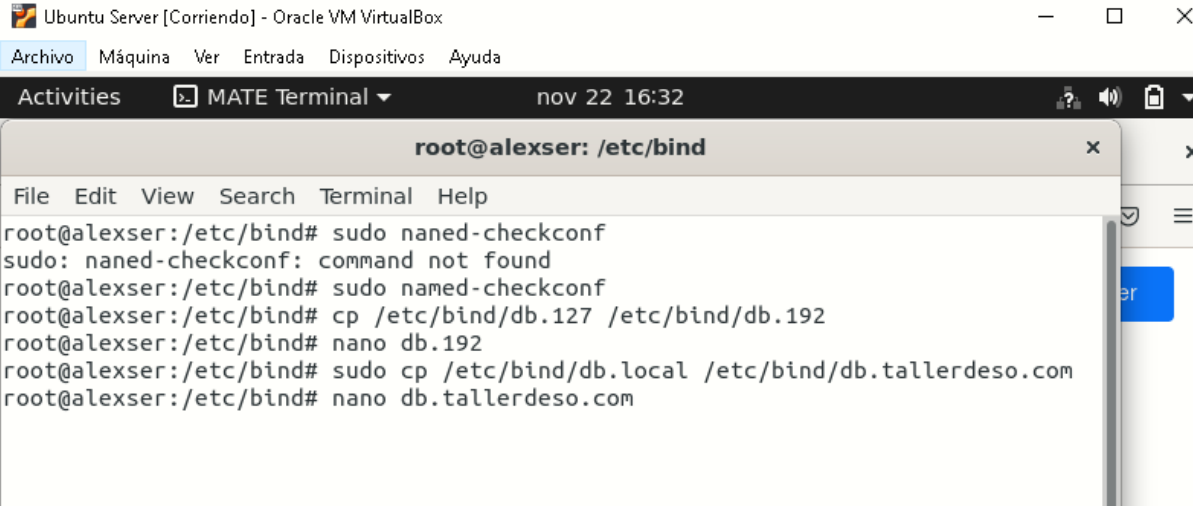
```
Ubuntu Server [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
Activities MATE Terminal nov 22 16:29
root@alexser: /etc/bind

File Edit View Search Terminal Help
GNU nano 4.8 db.192 Modified
;
; BIND reverse data file for local loopback interface
;
$TTL      604800
@         IN      SOA      tallerdeso.com. root.tallerdeso.com. (
                        1      ; Serial
                        604800  ; Refresh
                        86400   ; Retry
                        2419200 ; Expire
                        604800 ) ; Negative Cache TTL
;
@         IN      NS       tallerdeso.com.
84        IN      PTR      tallerdeso.com.

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

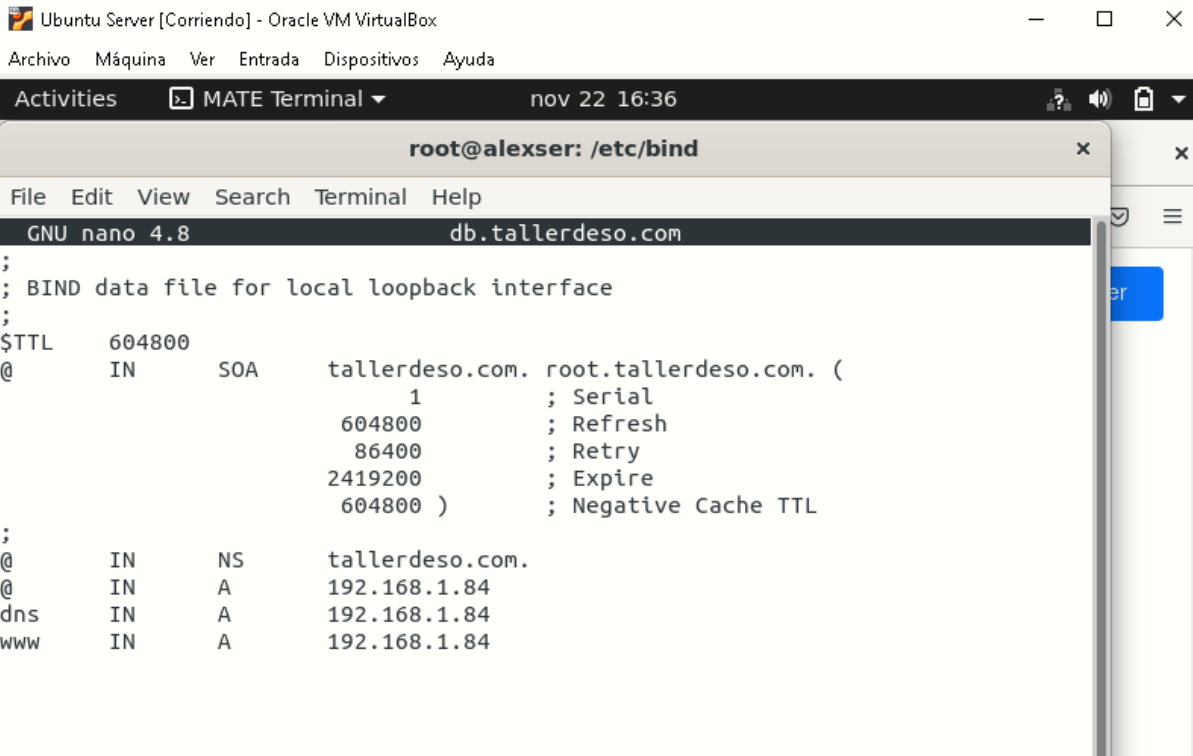
Sobre Google  Publicidad  Negocios  Cómo funciona la Búsqueda
Privacidad  Condiciones  https://policies.google.com/privacy?hl=es-419&f
CTDI DEFECHA
```

Cambiamos el nombre al archivo y ingresamos al archivo



```
Ubuntu Server [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
Activities MATE Terminal nov 22 16:32
root@alexser: /etc/bind
File Edit View Search Terminal Help
root@alexser:/etc/bind# sudo naned-checkconf
sudo: naned-checkconf: command not found
root@alexser:/etc/bind# sudo named-checkconf
root@alexser:/etc/bind# cp /etc/bind/db.127 /etc/bind/db.192
root@alexser:/etc/bind# nano db.192
root@alexser:/etc/bind# sudo cp /etc/bind/db.local /etc/bind/db.tallerdeso.com
root@alexser:/etc/bind# nano db.tallerdeso.com
```

Editar y guardar el archivo que hemos abierto:



```
Ubuntu Server [Corriendo] - Oracle VM VirtualBox
Archivo Máquina Ver Entrada Dispositivos Ayuda
Activities MATE Terminal nov 22 16:36
root@alexser: /etc/bind
File Edit View Search Terminal Help
GNU nano 4.8 db.tallerdeso.com
;
; BIND data file for local loopback interface
;
$TTL      604800
@         IN      SOA      tallerdeso.com. root.tallerdeso.com. (
                                1      ; Serial
                                604800 ; Refresh
                                86400  ; Retry
                                2419200; Expire
                                604800 ) ; Negative Cache TTL
;
@         IN      NS       tallerdeso.com.
@         IN      A        192.168.1.84
dns       IN      A        192.168.1.84
www       IN      A        192.168.1.84
```

ingresamos y configuramos a named.conf.options

Activities MATE Terminal nov 22 16:43

root@alexser: /etc/bind

File Edit View Search Terminal Help

GNU nano 4.8 named.conf.options

```
options {
    directory "/var/cache/bind";

    // If there is a firewall between you and nameservers you want
    // to talk to, you may need to fix the firewall to allow multiple
    // ports to talk.  See http://www.kb.cert.org/vuls/id/800113

    // If your ISP provided one or more IP addresses for stable
    // nameservers, you probably want to use them as forwarders.
    // Uncomment the following block, and insert the addresses replacing
    // the all-0's placeholder.

    forwarders {
        192.168.1.84;
    };

    //=====
    // If BIND logs error messages about the root key being expired,
    // you will need to update your keys.  See https://www.isc.org/bind-keys
    //=====
```

[Read 24 lines]

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

Ingresamos a este archivo y editamos

Activities MATE Terminal nov 22 16:45

root@alexser: /etc

File Edit View Search Terminal Help

```
root@alexser:/etc/bind# cd ..
root@alexser:/etc# resolv.conf


Command 'resolv.conf' not found, did you mean:

  command 'resolvconf' from deb openresolv (3.10.0-1)
  command 'resolvconf' from deb resolvconf (1.82)

Try: apt install <deb name>

root@alexser:/etc# nano resolv.conf
```

Editamos el archivo al que hemos ingresado:

 Ubuntu Server [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

```
Activities  MATE Terminal  nov 22 16:49
root@alexser: /etc
File Edit View Search Terminal Help
GNU nano 4.8 resolv.conf
# This file is managed by man:systemd-resolved(8). Do not edit
#
# This is a dynamic resolv.conf file for connecting local client
# internal DNS stub resolver of systemd-resolved. This file lists
# configured search domains.
#
# Run "resolvectl status" to see details about the uplink DNS
# currently in use.
#
# Third party programs must not access this file directly, but
# symlink at /etc/resolv.conf. To manage man:resolv.conf(5) i
# replace this symlink by a static file or a different symlin
#
# See man:systemd-resolved.service(8) for details about the s
# operation for /etc/resolv.conf.

domain tallerdeso.com
search tallerdeso.com
nameserver 192.168.1.84
options edns0

[ Read 20 lines ]
^G Get Help  ^O Write Out  ^W Where Is  ^K Cut Text  ^J Justif
^X Exit      ^R Read File  ^\ Replace   ^U Paste Text ^T To Spe
```

Ingresamos a nano sudo host y cambiamos la ip:

: