

```
Activities Tilix 19:28,6 مگال اکوبير 100%
Tilix: Default

1: @ee63cae9781b / ~
# Generated by dracut initrd
NAME="ens3"
DEVICE="ens3"
ONBOOT="yes"
NM_CONTROLLED="yes"
NETBOOT="yes"
UUID="82eebe16-4fc7-4de7-aff9-dafc78e97773"
IPV6INIT="yes"
BOOTPROTO="static"
TYPE="Ethernet"
PROXY_METHOD="none"
BROWSER_ONLY="no"
DEFROUTE="yes"
IPV4_FAILURE_FATAL="no"
IPV6_AUTOCONF="yes"
IPV6_DEFROUTE="yes"
IPV6_FAILURE_FATAL="no"
IPADDR=192.168.56.2
NETMASK=255.255.255.0
GATEWAY=192.168.56.1
-- INSERT --

2: @ee63cae9781b / ~
16 ./cache/pip/http/b/c/6/4
20 ./cache/pip/http/b/c/6
24 ./cache/pip/http/b/c
^C
(base) lftl@lftl-blade:~$ sudo su
root@lftl-blade:/home/lftl# line123
line123: command not found
root@lftl-blade:/home/lftl# docker exec -it dns-task bash
[root@ee63cae9781b /]# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.18.0.2 netmask 255.255.0.0 broadcast 172.18.255.255
    ether 02:42:ac:12:00:02 txqueuelen 0 (Ethernet)
    RX packets 407 bytes 390968 (381.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 66 bytes 4789 (4.6 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    loop txqueuelen 1000 (Local Loopback)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[root@ee63cae9781b /]#
```

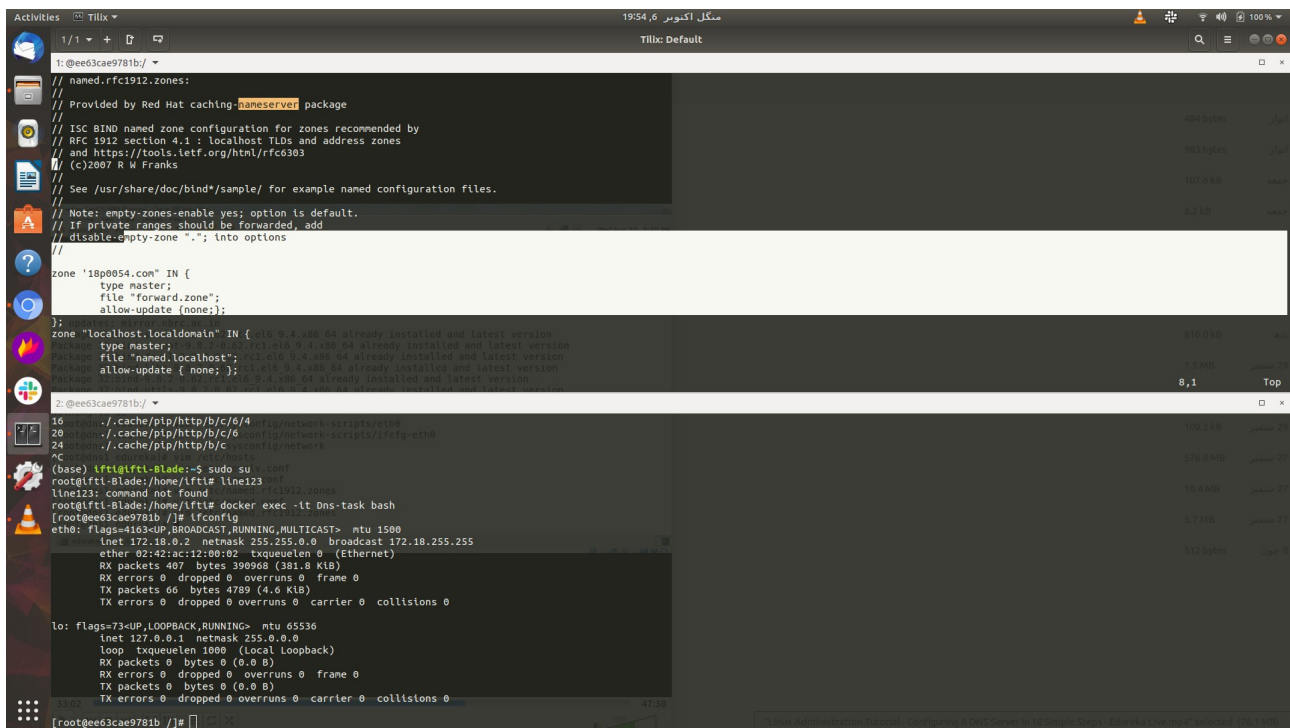
```
Activities Tilix 19:40,6 مگال اکوبير 100%
Tilix: Default

1: @ee63cae9781b / ~
# This file is managed by man:systemd-resolved(8). Do not edit.
#
# This is a dynamic resolv.conf file for connecting local clients directly to
# all known uplink DNS servers. This file lists all configured search domains.
#
# Third party programs must not access this file directly, but only through the
# symlink at /etc/resolv.conf. To manage man:resolv.conf(5) in a different way,
# replace this symlink by a static file or a different symlink.
#
# See man:systemd-resolved.service(8) for details about the supported nodes of
# operation for /etc/resolv.conf.
search 189.9.9.9
nameserver 192.168.56.2
nameserver 8.8.8.8
nameserver 10.0.2.2

2: @ee63cae9781b / ~
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(base) lftl@lftl-blade:~$ sudo su
root@lftl-blade:/home/lftl# line123
line123: command not found
root@lftl-blade:/home/lftl# docker exec -it dns-task bash
[root@ee63cae9781b /]# ifconfig
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    inet 172.18.0.2 netmask 255.255.0.0 broadcast 172.18.255.255
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[root@ee63cae9781b /]#
```




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Activities 2011,6 مئگال آکٲوسر 100%
Tilix: Default

1: @ee63cae9781b / ~
10 ; refresh
1H ; retry
1W ; expire
3H ; minimum
IN NS dns1.18p0054.com.

2 IN PTR dns1.18p0054.com.

root@ifttl-blade: /home/ifttl# line123
line123: command not found
root@ifttl-blade: /home/ifttl# docker exec -it dns-task bash
[root@ee63cae9781b /]# ifconfig
eth0: flags=4163<UP, BROADCAST, RUNNING, MULTICAST> mtu 1500
    inet 172.18.0.2 netmask 255.255.0.0 broadcast 172.18.255.255
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```

Configuring BIND DNS Server

- Install DNS Package
- Assign A Static IP Address
- Assign A TQDN For Server
- Configure /etc/hosts
- Configure /etc/resolv.conf
- Configure /etc/named.conf
- Configure /etc/named.rfc1912.zones
- Configure forward & reverse zones
- Change the group ownership**
- Restart DNS service

Now set the group permissions for forward and reverse zone files.

```
# chgrp named /var/named/forward.zone
# chgrp named /var/named/reverse.zone
```

```
1: @ee63cae9781b / ~
[root@ee63cae9781b /]# vln /etc/named.conf
[root@ee63cae9781b /]# vln /etc/named.rfc1912.zones
[root@ee63cae9781b /]# vln /etc/named.rfc1912.zones
[root@ee63cae9781b /]# ls
bin etc lib lost-found mnt proc run srv tmp var
dev home lib64 media opt root/sbin sys usr
[root@ee63cae9781b /]# cd media/
[root@ee63cae9781b media]# ls
[root@ee63cae9781b media]# cd ..
[root@ee63cae9781b /]# ls
bin etc lib lost-found mnt proc run srv tmp var
dev home lib64 media opt root/sbin sys usr
[root@ee63cae9781b /]# cd ..
[root@ee63cae9781b /]# ls
bin etc lib lost-found mnt proc run srv tmp var
dev home lib64 media opt root/sbin sys usr
[root@ee63cae9781b /]# ls var/named/
chroot chroot_sdb data dynamic named.ca named.empty named.localhost named.loopback slaves
[root@ee63cae9781b /]# vln /var/named/forward.zone
[root@ee63cae9781b /]# vln /var/named/reverse.zone
[root@ee63cae9781b /]# vln /var/named/reverse.zone
[root@ee63cae9781b /]# chgrp named /var/named/forward.zone
[root@ee63cae9781b /]# chgrp named /var/named/reverse.zone
[root@ee63cae9781b /]#

2: @ee63cae9781b / ~
16 ./cache/pip/http/b/c/6/4
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