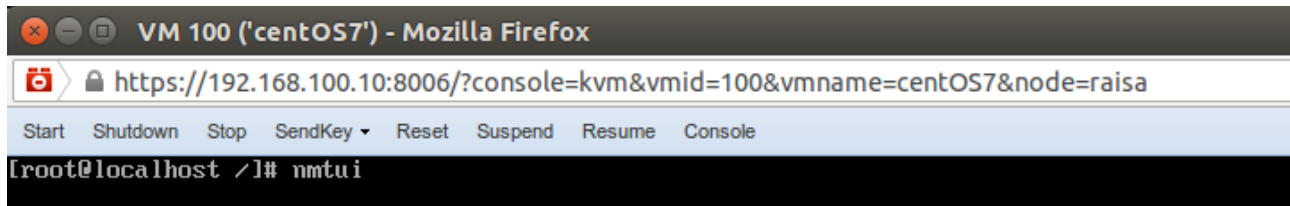


AFTER INSTALL CENTOS

Note : centOS 7

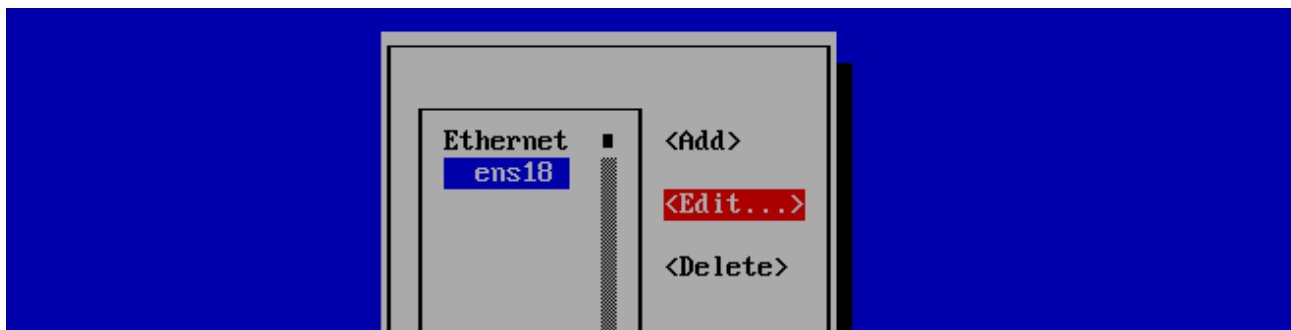
1. config network "nmtui".



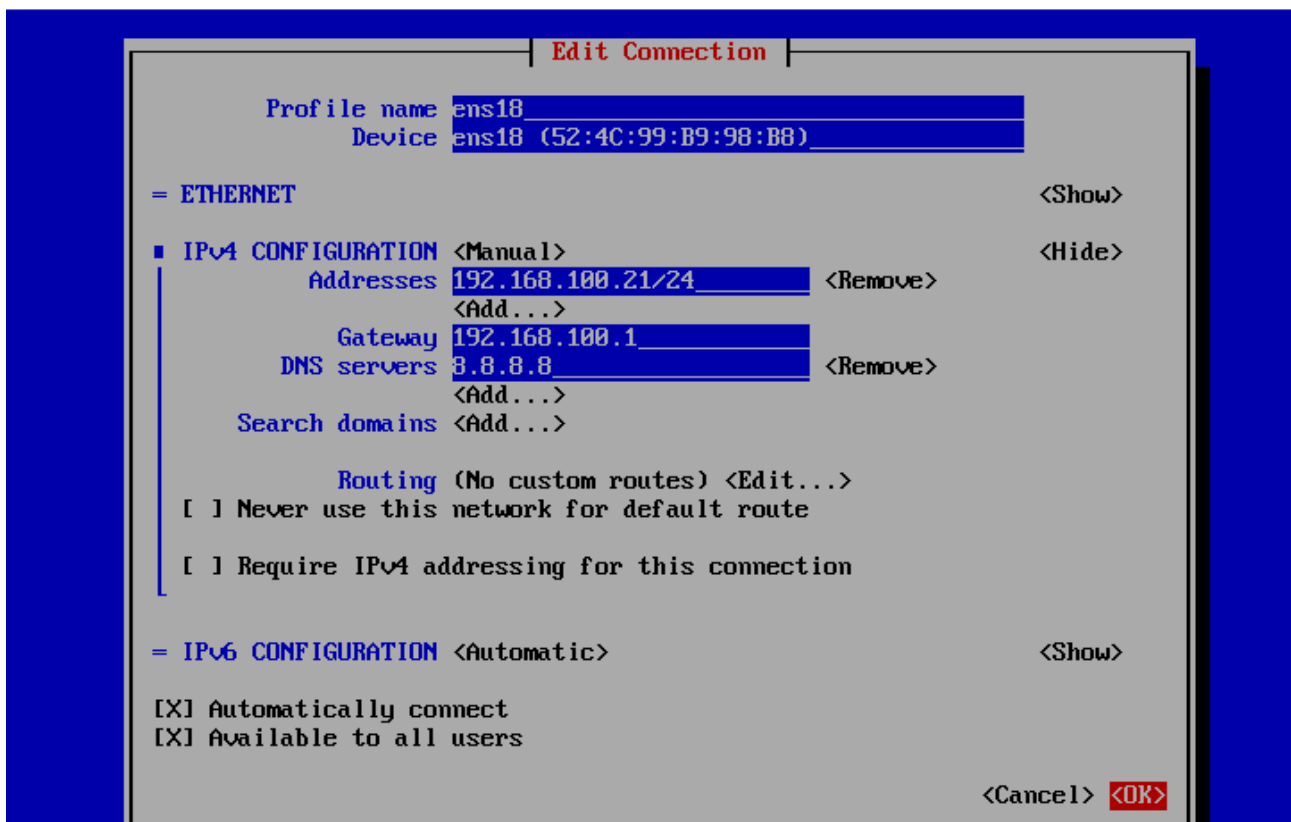
2. edit a connection.



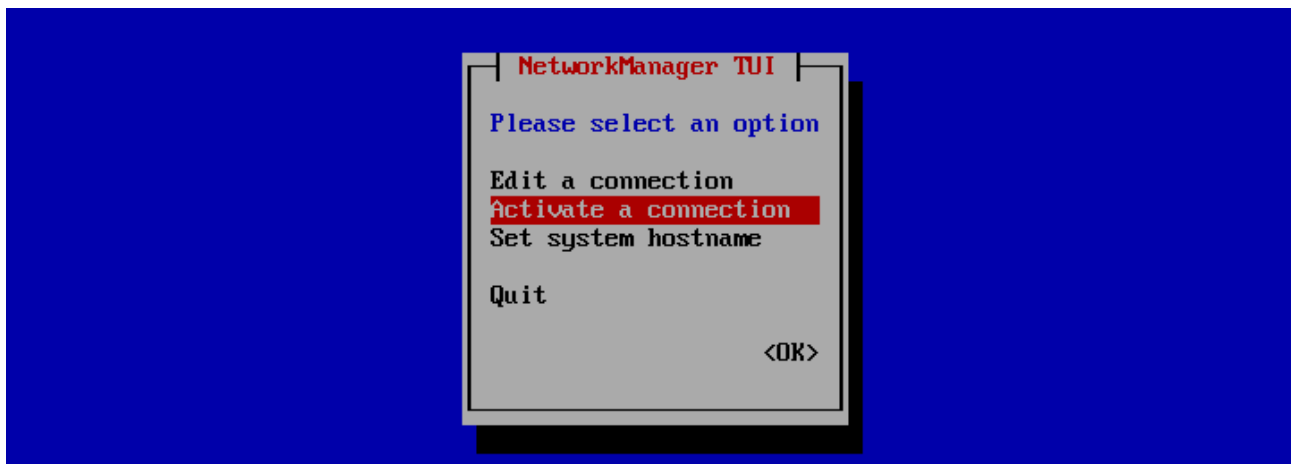
3. edit.



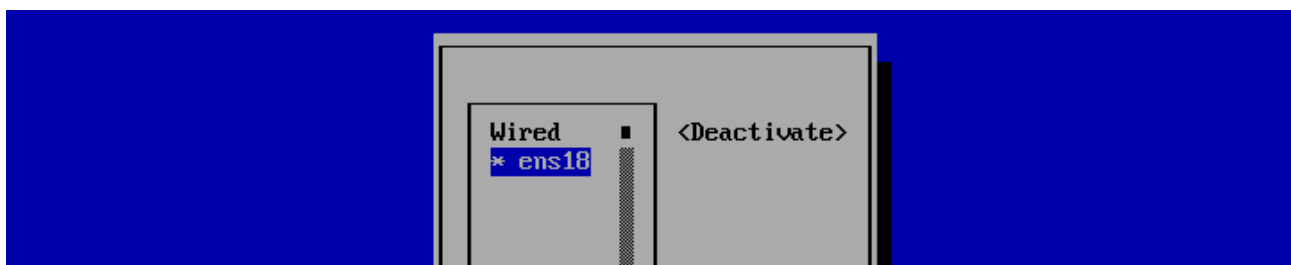
4. set ip etc.



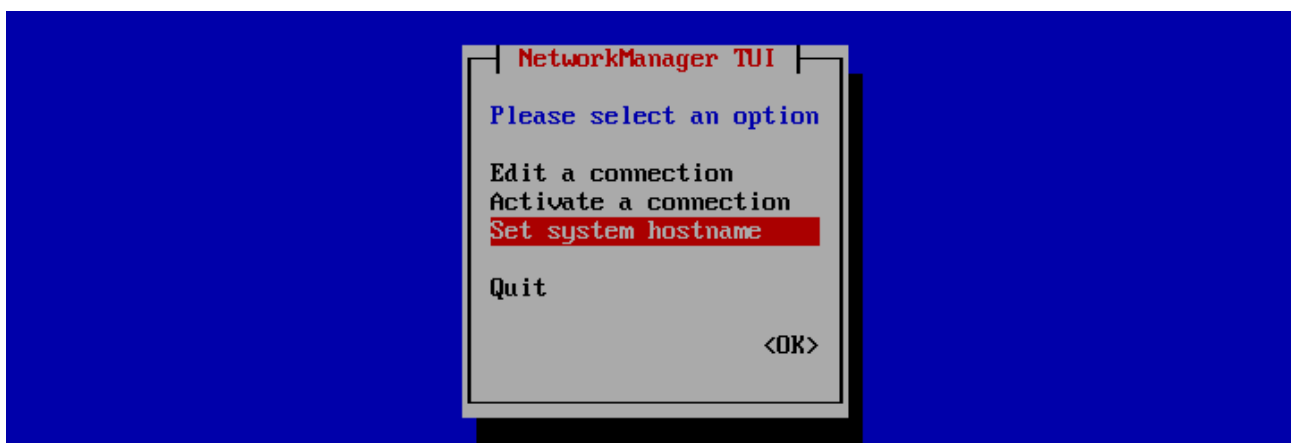
5. active a connection.



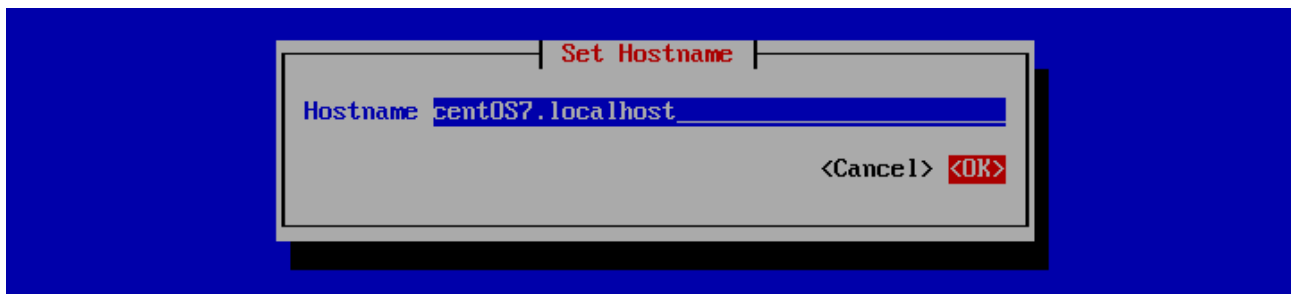
6. ok.



7. set hostname.



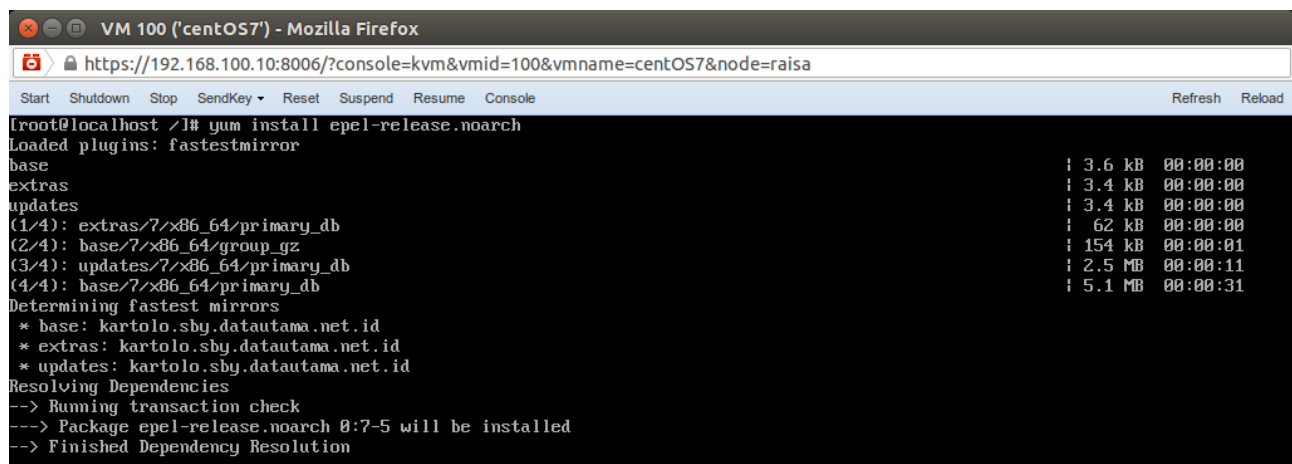
8. ok.



9. cek config network.

```
VM 100 ('centOS7') - Mozilla Firefox
https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa
Start Shutdown Stop SendKey ▼ Reset Suspend Resume Console
[root@localhost ~]# ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN
    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: ens18: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP qlen 1000
    link/ether 52:4c:99:b9:98:b8 brd ff:ff:ff:ff:ff:ff
    inet 192.168.100.21/24 brd 192.168.100.255 scope global ens18
        valid_lft forever preferred_lft forever
    inet6 fe80::504c:99ff:feb9:98b8/64 scope link
        valid_lft forever preferred_lft forever
[root@localhost ~]# ip route
default via 192.168.100.1 dev ens18 proto static metric 100
192.168.100.0/24 dev ens18 proto kernel scope link src 192.168.100.21 metric 100
[root@localhost ~]# more /etc/resolv.conf
# Generated by NetworkManager
search localhost
nameserver 8.8.8.8
[root@localhost ~]# ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=56 time=225 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=56 time=48.3 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=56 time=61.5 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=56 time=39.5 ms
^C
--- 8.8.8.8 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3004ms
rtt min/avg/max/mdev = 39.502/93.709/225.377/76.422 ms
[root@localhost ~]#
```

10. tambahkan repository epel.



The screenshot shows a terminal window titled "VM 100 ('centOS7') - Mozilla Firefox". The address bar displays the URL "https://192.168.100.10:8006/?console=kvm&vmid=100&vmname=centOS7&node=raisa". The terminal output shows the command "yum install epel-release.noarch" being executed. The output lists the packages to be installed, their sizes, and the time taken to download them. The packages are: base (3.6 kB, 00:00:00), extras (3.4 kB, 00:00:00), updates (3.4 kB, 00:00:00), (1/4): extras/7/x86_64/primary_db (62 kB, 00:00:00), (2/4): base/7/x86_64/group_gz (154 kB, 00:00:01), (3/4): updates/7/x86_64/primary_db (2.5 MB, 00:00:11), and (4/4): base/7/x86_64/primary_db (5.1 MB, 00:00:31). The output also shows the fastest mirrors being determined and the dependencies being resolved.

```
root@localhost /]# yum install epel-release.noarch
Loaded plugins: fastestmirror
base                                     | 3.6 kB  00:00:00
extras                                 | 3.4 kB  00:00:00
updates                               | 3.4 kB  00:00:00
(1/4): extras/7/x86_64/primary_db      | 62 kB  00:00:00
(2/4): base/7/x86_64/group_gz         | 154 kB  00:00:01
(3/4): updates/7/x86_64/primary_db    | 2.5 MB  00:00:11
(4/4): base/7/x86_64/primary_db       | 5.1 MB  00:00:31
Determining fastest mirrors
* base: kartolo.sby.datautama.net.id
* extras: kartolo.sby.datautama.net.id
* updates: kartolo.sby.datautama.net.id
Resolving Dependencies
--> Running transaction check
--> Package epel-release.noarch 0:7-5 will be installed
--> Finished Dependency Resolution
```

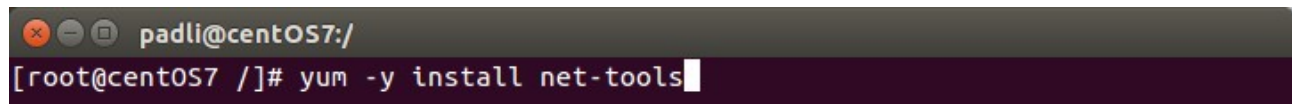
11. update.



The screenshot shows a terminal window with the prompt "padli@centOS7:/". The command "yum -y update" is entered and the cursor is at the end of the command.

```
padli@centOS7:/
[root@centOS7 /]# yum -y update
```

12. install net-tools.



The screenshot shows a terminal window with the prompt "padli@centOS7:/". The command "yum -y install net-tools" is entered and the cursor is at the end of the command.

```
padli@centOS7:/
[root@centOS7 /]# yum -y install net-tools
```

13. cek net-tools.

```
padli@centOS7:/
[root@centOS7 ~]# ifconfig
ens18: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.100.21 netmask 255.255.255.0 broadcast 192.168.100.255
    inet6 fe80::504c:99ff:feb9:98b8 prefixlen 64 scopeid 0x20<link>
    ether 52:4c:99:b9:98:b8 txqueuelen 1000 (Ethernet)
    RX packets 142008 bytes 111197904 (106.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 120794 bytes 8287433 (7.9 MiB)
    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
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 0 (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@centOS7 ~]# route -n
Kernel IP routing table
Destination        Gateway           Genmask          Flags Metric Ref    Use Iface
0.0.0.0            192.168.100.1    0.0.0.0          UG    100    0      0 ens18
192.168.100.0      0.0.0.0          255.255.255.0    U     100    0      0 ens18
[root@centOS7 ~]#
```

14. list file config network.

```
padli@centOS7:/
[root@centOS7 ~]# ls /etc/sysconfig/network-scripts/
ifcfg-ens18  ifdown-ppp      ifup-ib         ifup-Team
ifcfg-lo     ifdown-routes   ifup-ippv       ifup-TeamPort
ifdown       ifdown-sit      ifup-ipv6       ifup-tunnel
ifdown-bnep  ifdown-Team     ifup-isdn       ifup-wireless
ifdown-eth   ifdown-TeamPort ifup-plip       init.ipv6-global
ifdown-ib    ifdown-tunnel   ifup-plusb      network-functions
ifdown-ippv  ifup            ifup-post       network-functions-ipv6
ifdown-ipv6  ifup-aliases    ifup-ppp
ifdown-isdn  ifup-bnep       ifup-routes
ifdown-post  ifup-eth        ifup-sit
[root@centOS7 ~]#
```

15. install nmap.

```
padli@centOS7:/  
[root@centOS7 /]# yum -y install nmap
```

16. cek open ports.

```
padli@centOS7:/  
[root@centOS7 /]# nmap -v localhost  
  
Starting Nmap 6.40 ( http://nmap.org ) at 2015-07-23 10:58 WIB  
Initiating SYN Stealth Scan at 10:58  
Scanning localhost (127.0.0.1) [1000 ports]  
Discovered open port 22/tcp on 127.0.0.1  
Discovered open port 25/tcp on 127.0.0.1  
Completed SYN Stealth Scan at 10:58, 0.03s elapsed (1000 total ports)  
Nmap scan report for localhost (127.0.0.1)  
Host is up (0.000011s latency).  
Other addresses for localhost (not scanned): 127.0.0.1  
Not shown: 998 closed ports  
PORT      STATE SERVICE  
22/tcp    open  ssh  
25/tcp    open  smtp  
  
Read data files from: /usr/bin/./share/nmap  
Nmap done: 1 IP address (1 host up) scanned in 0.06 seconds  
Raw packets sent: 1000 (44.000KB) | Rcvd: 2002 (84.088KB)  
[root@centOS7 /]#
```

17. disable selinux.

[illegible]

18. disable firewall.

```
padli@centOS7:/
[root@centOS7 /]# systemctl stop firewalld
[root@centOS7 /]# systemctl disable firewalld
rm '/etc/systemd/system/dbus-org.fedoraproject.FirewallD1.service'
rm '/etc/systemd/system/basic.target.wants/firewalld.service'
[root@centOS7 /]#
```

19. disable postfix port 25.

```
padli@centOS7:/
[root@centOS7 /]# systemctl stop postfix
[root@centOS7 /]# systemctl disable postfix
rm '/etc/systemd/system/multi-user.target.wants/postfix.service'
[root@centOS7 /]#
```


20. cek open ports.

```
padli@centOS7:/  
[root@centOS7 /]# nmap -v localhost  
  
Starting Nmap 6.40 ( http://nmap.org ) at 2015-07-23 11:01 WIB  
Initiating SYN Stealth Scan at 11:01  
Scanning localhost (127.0.0.1) [1000 ports]  
Discovered open port 22/tcp on 127.0.0.1  
Completed SYN Stealth Scan at 11:01, 0.02s elapsed (1000 total ports)  
Nmap scan report for localhost (127.0.0.1)  
Host is up (0.0000050s latency).  
Other addresses for localhost (not scanned): 127.0.0.1  
Not shown: 999 closed ports  
PORT      STATE SERVICE  
22/tcp    open  ssh  
  
Read data files from: /usr/bin/./share/nmap  
Nmap done: 1 IP address (1 host up) scanned in 0.06 seconds  
Raw packets sent: 1000 (44.000KB) | Rcvd: 2001 (84.044KB)  
[root@centOS7 /]#
```

21. reboot.

```
padli@centOS7:/  
[root@centOS7 /]# reboot
```