

Network Setting Oracle8

- # hostnamectl set-hostname **oracle8-NEW.application.fr**
 - # nmcli device
 - # nmcli connection up ens192
 - Ip a

```
/baseos/latest/x86_64/repodata/repomd.xml [Could not resolve host: yum.oracle.com]
[root@localhost u70779858]# nmcli device
DEVICE  TYPE      STATE              CONNECTION
virbr0  bridge    connecté (en externe) virbr0
ens192  ethernet  déconnecté         --
lo      loopback  non-géré           --
[root@localhost u70779858]# nmcli connection up ens192
```

```
lo      loopback  non-géré           --
[root@localhost u70779858]# nmcli connection up ens192
Connexion activée (chemin D-Bus actif : /org/freedesktop/NetworkManager/ActiveConnection1)
[root@localhost u70779858]# nmcli device
DEVICE  TYPE      STATE              CONNECTION
ens192  ethernet  connecté           ens192
virbr0  bridge    connecté (en externe) virbr0
lo      loopback  non-géré           --
[root@localhost u70779858]# ip a
```

```

to loopback non-gre
[root@localhost u70779858]# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1
    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: ens192: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
    link/ether 00:50:56:a2:b2:bc brd ff:ff:ff:ff:ff:ff
    altname enp1s0
    inet 192.168.1.44/24 brd 192.168.1.255 scope global dynamic noprefixroute ens192
        valid_lft 43183sec preferred_lft 43183sec
    inet6 2a01:e0a:4ed:a180:250:56ff:fea2:b2bc/64 scope global dynamic noprefixroute
        valid_lft 86385sec preferred_lft 86385sec
    inet6 fe80::250:56ff:fea2:b2bc/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
3: virbr0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default qlen 1000
    link/ether 52:54:00:f0:54:da brd ff:ff:ff:ff:ff:ff
    inet 192.168.122.1/24 brd 192.168.122.255 scope global virbr0
        valid_lft forever preferred_lft forever
[root@localhost u70779858]#

```



Initial Settings : Network Settings

If you did not configure network settings during the CentOS Stream Installation, Configure it like follows.

- [1] To set static IP address to the server, Modify settings like follows.
(Replace the interface name [enp1s0] to your own one because it's not the same as the System)

```

# if you did not set HostName, set it like follows
[root@localhost ~]# hostnamectl set-hostname dlp.srv.world

# display devices
[root@localhost ~]# nmcli device
DEVICE   TYPE      STATE      CONNECTION
enp1s0   ethernet  connected  enp1s0
lo       loopback  unmanaged  --

# set IPv4 address
[root@localhost ~]# nmcli connection modify enp1s0 ipv4.addresses 10.0.0.1

```

root@localhost ~]#

hostnamectl set-hostname dlp.srv.world

display devices

[root@localhost ~]#

nmcli device

DEVICE TYPE STATE CONNECTION

enp1s0 ethernet connected enp1s0

lo loopback unmanaged --

set IPv4 address

[root@localhost ~]#

nmcli connection modify enp1s0 ipv4.addresses 10.0.0.30/24

set gateway

[root@localhost ~]#

nmcli connection modify enp1s0 ipv4.gateway 10.0.0.1

set DNS

for multiple DNS, specify with space separated ⇒ ipv4.dns "10.0.0.10 10.0.0.11 10.0.0.12"

[root@localhost ~]#

nmcli connection modify enp1s0 ipv4.dns 10.0.0.10

set DNS search base (your domain name)

[root@localhost ~]#

nmcli connection modify enp1s0 ipv4.dns-search srv.world

set [manual] for static setting (it's [auto] for DHCP)

[root@localhost ~]#

nmcli connection modify enp1s0 ipv4.method manual

restart the interface to reload settings

```
[root@localhost ~]#
```

```
nmcli connection down enp1s0; nmcli connection up enp1s0
```

```
Connection 'enp1s0' successfully deactivated (D-Bus active path:  
/org/freedesktop/NetworkManager/ActiveConnection/1)
```

```
Connection successfully activated (D-Bus active path:  
/org/freedesktop/NetworkManager/ActiveConnection/2)
```

```
# confirm settings
```

```
[root@localhost ~]#
```

```
nmcli device show enp1s0
```

```
GENERAL.DEVICE:           enp1s0
GENERAL.TYPE:             ethernet
GENERAL.HWADDR:           52:54:00:A1:D5:6E
GENERAL.MTU:              1500
GENERAL.STATE:            100 (connected)
GENERAL.CONNECTION:       enp1s0
GENERAL.CON-PATH:         /org/freedesktop/NetworkManager/ActiveC>
WIRED-PROPERTIES.CARRIER: on
IP4.ADDRESS[1]:           10.0.0.30/24
IP4.GATEWAY:              10.0.0.1
IP4.ROUTE[1]:             dst = 10.0.0.0/24, nh = 0.0.0.0, mt = 1>
IP4.ROUTE[2]:             dst = 0.0.0.0/0, nh = 10.0.0.1, mt = 100
IP4.DNS[1]:               10.0.0.10
IP6.ADDRESS[1]:           fe80::f724:5898:361d:da04/64
IP6.GATEWAY:              --
IP6.ROUTE[1]:             dst = fe80::/64, nh = ::, mt = 100
IP6.ROUTE[2]:             dst = ff00::/8, nh = ::, mt = 256, tabl>
```

```
# confirm state
```

```
[root@localhost ~]#
```

```
ip address show
```

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000

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: enp1s0: <BROADCAST,MULTICAST,UP,LOWER_UP>mtu 1500 qdisc fq_codel state UP group default qlen 1000

link/ether 52:54:00:a1:d5:6e brd ff:ff:ff:ff:ff:ff

inet 10.0.0.30/24 brd 10.0.0.255 scope global noprefixroute enp1s0

valid_lft forever preferred_lft forever

inet6 fe80::f724:5898:361d:da04/64 scope link noprefixroute

valid_lft forever preferred_lft forever