

## How to Set HostName in Linux RHEL 7/ Centos 7

We can change a hostname directly using below commands.

- hostnamectl
- nmtui
- nmcli

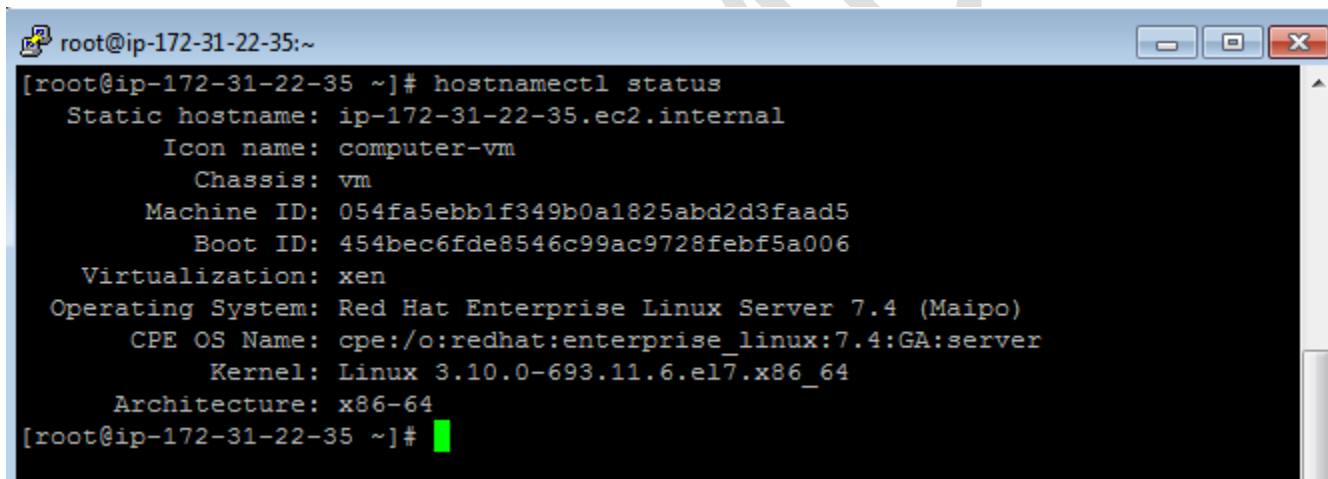
### Hostnamectl

We can assign three types of name in RHEL 7/ Centos 7. They are given below

1. Pretty
2. Transient
3. Static

### Static.

It's a permanent name for the host.

A terminal window titled 'root@ip-172-31-22-35:~' with standard window controls. The terminal displays the output of the 'hostnamectl status' command. The output shows system details including the static hostname 'ip-172-31-22-35.ec2.internal', icon name 'computer-vm', chassis 'vm', machine ID, boot ID, virtualization type 'xen', operating system 'Red Hat Enterprise Linux Server 7.4 (Maipo)', CPE OS name, kernel version, and architecture 'x86-64'. The prompt returns to the root user.

```
root@ip-172-31-22-35:~  
[root@ip-172-31-22-35 ~]# hostnamectl status  
    Static hostname: ip-172-31-22-35.ec2.internal  
          Icon name: computer-vm  
        Chassis: vm  
    Machine ID: 054fa5ebb1f349b0a1825abd2d3faad5  
     Boot ID: 454bec6fde8546c99ac9728febf5a006  
  Virtualization: xen  
Operating System: Red Hat Enterprise Linux Server 7.4 (Maipo)  
   CPE OS Name: cpe:/o:redhat:enterprise_linux:7.4:GA:server  
     Kernel: Linux 3.10.0-693.11.6.el7.x86_64  
Architecture: x86-64  
[root@ip-172-31-22-35 ~]#
```

```
[root@ip-172-31-22-35 ~]# hostnamectl set-hostname nijam.server.com --static
[root@ip-172-31-22-35 ~]#
```

```
[root@ip-172-31-22-35 ~]# hostnamectl set-hostname nijam.server.com --static
[root@ip-172-31-22-35 ~]# hostnamectl status
  Static hostname: nijam.server.com
Transient hostname: ip-172-31-22-35.ec2.internal
    Icon name: computer-vm
    Chassis: vm
    Machine ID: 054fa5ebb1f349b0a1825abd2d3faad5
    Boot ID: 454bec6fde8546c99ac9728febf5a006
  Virtualization: xen
Operating System: Red Hat Enterprise Linux Server 7.4 (Maipo)
  CPE OS Name: cpe:/o:redhat:enterprise_linux:7.4:GA:server
    Kernel: Linux 3.10.0-693.11.6.el7.x86_64
  Architecture: x86_64
[root@ip-172-31-22-35 ~]#
```

```
[root@ip-172-31-22-35 ~]# cat /etc/hostname
nijam.server.com
[root@ip-172-31-22-35 ~]#
```

### Pretty

It's used to set the name which contain limited special characters

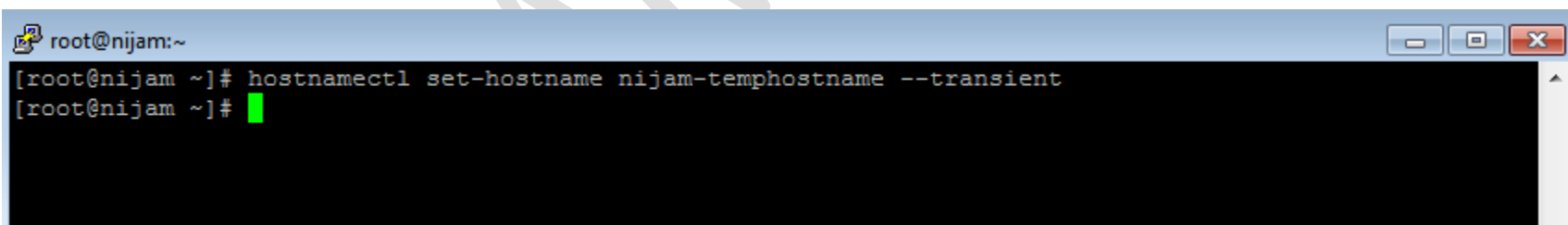
```
root@ip-172-31-22-35:~  
[root@ip-172-31-22-35 ~]# hostnamectl status  
Static hostname: ip-172-31-22-35.ec2.internal  
Icon name: computer-vm  
Chassis: vm  
Machine ID: 054fa5ebb1f349b0a1825abd2d3faad5  
Boot ID: 454bec6fde8546c99ac9728febf5a006  
Virtualization: xen  
Operating System: Red Hat Enterprise Linux Server 7.4 (Maipo)  
CPE OS Name: cpe:/o:redhat:enterprise_linux:7.4:GA:server  
Kernel: Linux 3.10.0-693.11.6.el7.x86_64  
Architecture: x86-64  
[root@ip-172-31-22-35 ~]#
```

```
root@ip-172-31-22-35:~  
[root@ip-172-31-22-35 ~]# hostnamectl set-hostname "Nijam's Website Server" --pretty  
[root@ip-172-31-22-35 ~]# hostnamectl status  
Static hostname: nijam.server.com  
Pretty hostname: Nijam's Website Server  
Icon name: computer-vm  
Chassis: vm  
Machine ID: 054fa5ebb1f349b0a1825abd2d3faad5  
Boot ID: 454bec6fde8546c99ac9728febf5a006  
Virtualization: xen  
Operating System: Red Hat Enterprise Linux Server 7.4 (Maipo)  
CPE OS Name: cpe:/o:redhat:enterprise_linux:7.4:GA:server  
Kernel: Linux 3.10.0-693.11.6.el7.x86_64  
Architecture: x86-64  
[root@ip-172-31-22-35 ~]#
```

```
[root@ip-172-31-22-35 ~]# reboot
login as: ec2-user
Authenticating with public key "imported-openssh-key" from agent
Last login: Fri Feb 23 10:03:57 2018 from 49.207.183.30
[ec2-user@nijam ~]$ su -
Password:
Last login: Fri Feb 23 10:04:09 UTC 2018 on pts/0
[root@nijam ~]# hostnamectl status
  Static hostname: nijam.server.com
    Pretty hostname: Nijam's Website Server
      Icon name: computer-vm
        Chassis: vm
      Machine ID: 054fa5ebb1f349b0a1825abd2d3faad5
        Boot ID: c7ae944447ba434d999741fda85e922c
    Virtualization: xen
  Operating System: Red Hat Enterprise Linux Server 7.4 (Maipo)
    CPE OS Name: cpe:/o:redhat:enterprise_linux:7.4:GA:server
      Kernel: Linux 3.10.0-693.11.6.el7.x86_64
    Architecture: x86-64
[root@nijam ~]#
```

### Transient

We can use as temporary name whenever we exit from the session this name will gone.

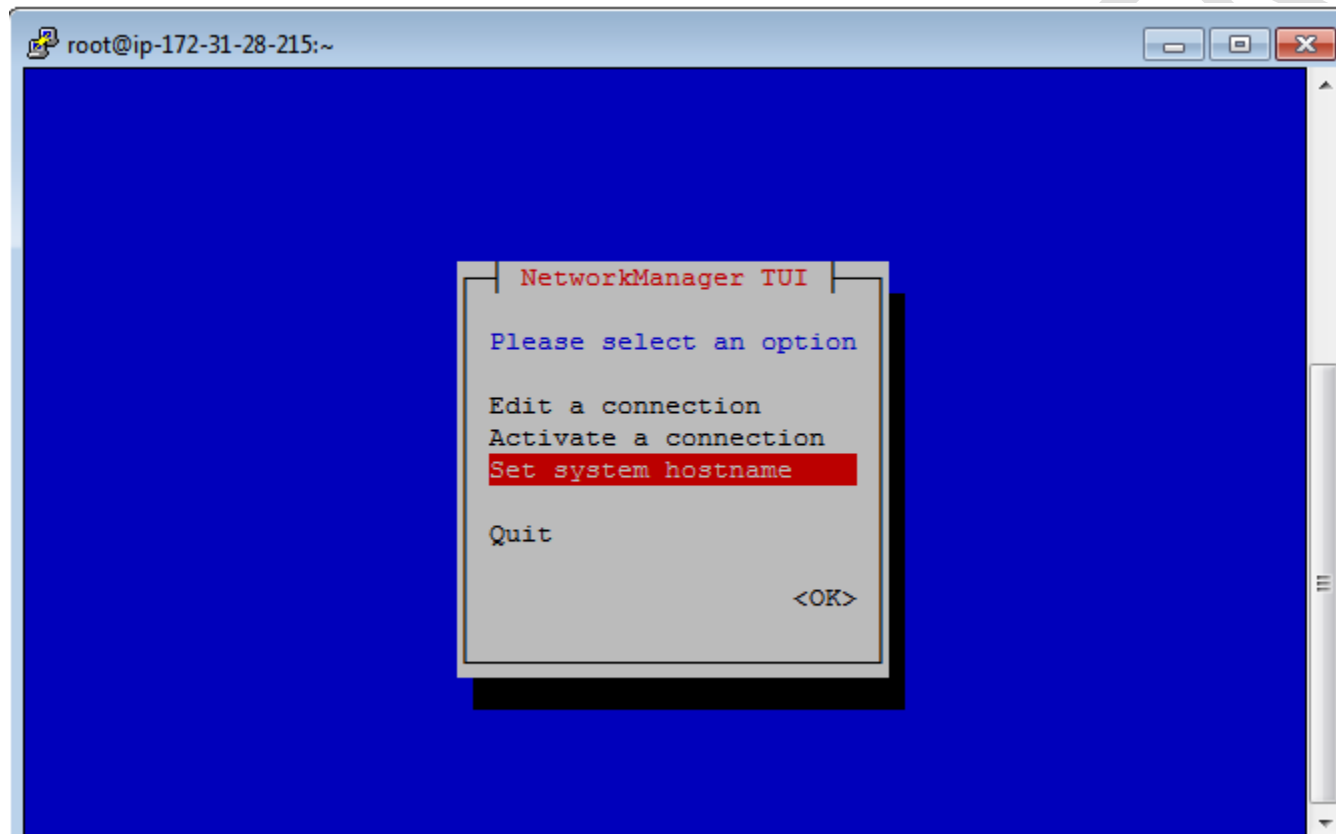


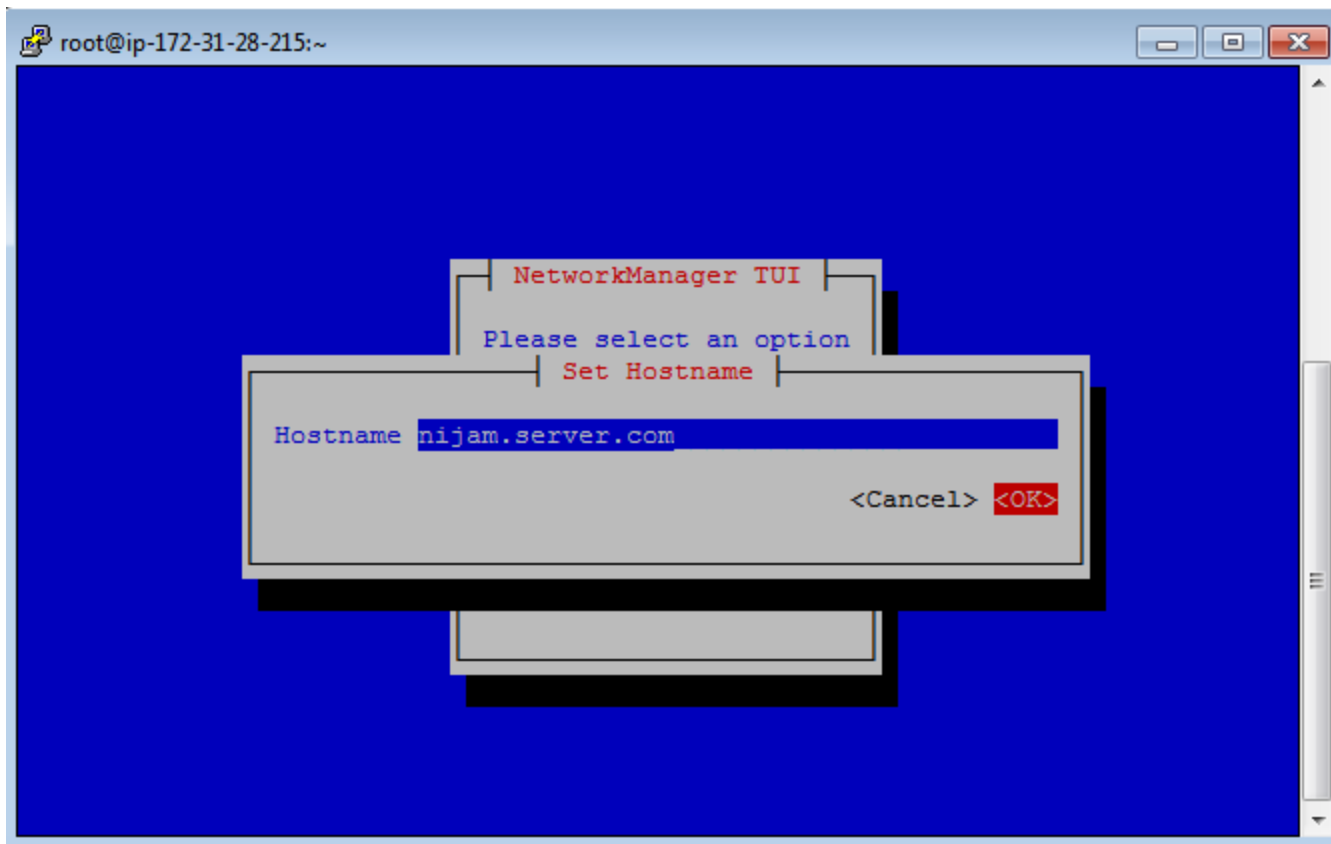
```
root@nijam:~
[root@nijam ~]# hostnamectl set-hostname nijam-temphostname --transient
[root@nijam ~]#
```

```
[root@nijam ~]# hostnamectl
  Static hostname: nijam.server.com
    Pretty hostname: Nijam's Website Server
  Transient hostname: nijam-temphostname
    Icon name: computer-vm
    Chassis: vm
    Machine ID: 054fa5ebblf349b0a1825abd2d3faad5
    Boot ID: c7ae944447ba434d999741fda85e922c
  Virtualization: xen
  Operating System: Red Hat Enterprise Linux Server 7.4 (Maipo)
    CPE OS Name: cpe:/o:redhat:enterprise_linux:7.4:GA:server
    Kernel: Linux 3.10.0-693.11.6.el7.x86_64
    Architecture: x86-64
[root@nijam ~]#
```

## Setup Hostname Using nmtui Command

```
[root@ip-172-31-28-215 ~]# nmtui
```





Setup Hostname Using nmcli Command

```
[root@nijam ~]# nmcli general hostname nijam-SRV1
[root@nijam ~]# systemctl restart systemd-hostnamed.service
[root@nijam ~]# hostname
nijam-SRV1
[root@nijam ~]#
```

