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# **IP Address Configuration:**

* To show current IP address configuration,

Command: ifconfig

* To be more specific,
* Command: ifconfig eth0

## **Method-1: Static IP Configuration [Works on both RHEL 6.x & RHEL 7.x]:**

* Step-1:
* Commands: ifconfig eth0 <IP address>

Example: ifconfig eth0 192.168.5.2

* Commands: ifconfig eth0 netmask <subnet mask>

Example: ifconfig eth0 netmask 255.255.255.0

* Commands: ifconfig eth0 broadcast <broadcast address>

Example: ifconfig eth0 broadcast 192.168.5.255

* Step-2:
* Make sure same configuration in

/etc/sysconfig/network-scripts/ifcfg-eth0 file.

If not then add it.

* Step-3:
* Make sure NETWORKING is enabled in /etc/sysconfig/network file.
* Command: vi /etc/sysconfig/network



* Step-4:
* Make sure hostname with configured IP address shown in /etc/hosts file.
* Command: vi /etc/hosts



* Step-5:
* Command: service network restart

OR

* Command: ifdown eth0
* Command: ifup eth0

## **Method-2: Static & Dynamic IP Configuration [Works on RHEL 6.x]:**

* Command: system-config-network

OR

Command: setup

* Verify steps 2 to 5.

## **Method-3: Static & Dynamic IP Configuration [Works on RHEL 7.x]:**

* Command: nmtui
* Verify steps 2 to 5.

## **References:**

* <http://www.computernetworkingnotes.com/rhce-study-guide/how-to-configure-ip-address-in-linux.html> [RHEL 7.x]
* <http://www.computernetworkingnotes.com/redhat-linux-tutorials/how-to-assign-ip-address-in-linux.html> [RHEL 6.x]