**1.To check the IP address assign to the system**

**#ifconfig**

**2. To check the hostname of the system**

**#hostname**

**3. To check the IP address of the Host**

**#hostname -i**

**4. To check weather DNS is resolving or not**

**#host<IP Address>**

**#host<hostname>**

**#nslookup<IP Address>**

**#nslookup<hostname>**

**5. To check the DNS function**

**#dig<hostname>**

**#dig -x <IP Address>**

**6. To check the network connectivity/reachability**

**#ping <IP Address>**

**7. To change the hostname**

**#hostname <newname>**

**8. To change the hostname permanently**

**#/etc/sysconfig/netwok**

**9. To check the configuration of network devices connected to the system**

**#/etc/sysconfig/netwok-scripts**

**10. To check the address of DNS server**

**#/etc/resolv.conf**

**11. To change the IP address locally**

**#system-config-network**

**12. To check the network reachability**

**#traceroute<IP Address>**