

# Add DNS Server

Normally we just add the IP Address, Subnet Mask and Gateway to the ifcfg-eth0 file, as that is all we need. But if it is required that we need to update the OS, or add a piece of software (htop for example) then we may need to add the DNS settings.

There are two ways this can be done.

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## Method 1

Use "PEERDNS=no". This option will prevent /etc/resolv.conf from being modified by a DHCP server. So instead of using DHCP-provided DNS, you can specify any arbitrary DNS servers you want to use in /etc/resolv.conf.

The configuration file for your network interface (e.g., eth0) looks like the following.

```
sudo vi /etc/sysconfig/network-scripts/ifcfg-eth0
```

```
DEVICE=eth0  
BOOTPROTO=dhcp  
ONBOOT=yes  
PEERDNS=no
```

Then, add static DNS to /etc/resolv.conf

```
sudo vi /etc/resolv.conf
```

```
nameserver 8.8.8.8  
nameserver 8.8.4.4
```

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## Method 2

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