Say for example if you want to add the following different ip ranges in your server on the **Ethernet** port **eth0**. Here are few simple steps to add the ip ranges in few minutes.

IP Block: 204.45.89.130-134
IP Block: 204.45.90.2-6
IP Block: 204.45.90.10-14
IP Block: 204.45.90.18-22
IP Block: 204.45.90.26-30

The above example has around 6 ranges with different ip sets. You can make use of the ' **ifcfg-eth0-rangeX** ' feature to get this done simply. Ssh your server as root.

- **# cd /etc/sysconfig/network-scripts**

Create a file named **ifcfg-eth0-range0**

- **# vi ifcfg-eth0-range0**

Add the following lines as below to add the first set of range (iee..**204.45.89.130-134**)

ONBOOT=yes
IPADDR_START=204.45.89.130
IPADDR_END=204.45.89.134
NETMASK=255.255.255.248
CLONENUM_START=1

Save your works and exit. Restart the network service using ‘ **service network restart** ‘ . To add the second range you need to create another file called ‘
ifcfg-eth0-range1
‘ with the
CLONENUM_START
start with
5
(setting up the number in
CLONENUM_START
is very important here to avoid the ip overwritten, as the first range will use up to the
eth0:4
the second range should start with
eth0:5
to work properly).

ONBOOT=yes
IPADDR_START=204.45.90.2
IPADDR_END=204.45.90.6
NETMASK=255.255.255.248
CLONENUM_START=5

Save your works and restart the network service. You can do the same for the other ip ranges left with carefully numbering the **CLONENUM_START**. Use the **ifconfig** command to check the **eth0:X** number everytime you restarts. After adding all the ranges, use ping to check the ips to make sure they are added properly.