

Turn Off IPV6 (*If not in use*)

- Internet Protocol version 6 (IPv6) provides a new Internet layer of the TCP/IP protocol suite that replaces Internet Protocol version 4 (IPv4) and provides many benefits
- If you are NOT using IPv6 simply disable it
- Check if ipv6 is enabled
 - **ifconfig | grep inet6**
- **Turn off ipv6 from grub (CentOS/Redhat 7+)**
 - Take a snapshot
 - As root **vi /etc/default/grub**
 - Go to the following line and add as highlighted
 - **GRUB_CMDLINE_LINUX="ipv6.disable=1 crashkernel=auto ...**
 - Save the file
 - Update the grub configuration
 - **grub2-mkconfig -o /boot/grub2/grub.cfg**
 - Reboot the server
 - **reboot**
- **Turn off ipv6 (CentOS/Redhat 6 and older)**
 - Take a snapshot
 - **ifconfig | grep inet6**
 - As root create **/etc/modprobe.d/ipv6.conf** if not already present with below parameter
 - **options ipv6 disable=1**
 - Disable ipt6tables service
 - **chkconfig ip6tables off**

- Reboot the server
 - **reboot**
- **Turn off ipv6** (Debian/Ubuntu)
 - Take a snapshot
 - **ifconfig | grep inet6**
 - As root **vi /etc/modprobe.d/aliases**
 - Find the line:
 - **alias net-pf-10 ipv6**
 - Replace with:
 - **alias net-pf-10 off**
 - **alias ipv6 off**
 - Reboot the server
 - **reboot**