

一、未关闭ipv6的情况下，使用ifconfig 或者ip a时可以查看到ipv6的信息

```
[root@NOC-JP-ZABBIX ~]# ifconfig
eno1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 45.192.176.23 netmask 255.255.255.248 broadcast 45.192.176.23
    inet6 fe80::9eb6:54ff:fe8d:36ec prefixlen 64 scopeid 0x20<link>
    ether 9c:b6:54:8d:36:ec txqueuelen 1000 (Ethernet)
    RX packets 4232379207 bytes 632288428233 (588.8 GiB)
    RX errors 3 dropped 12796752 overruns 0 frame 3
    TX packets 4381114965 bytes 905086710168 (842.9 GiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xf7c00000-f7d00000
```

二、执行关闭ipv6

编辑/etc/sysctl.conf 文件，增加下列三行：

```
net.ipv6.conf.all.disable_ipv6 = 1
```

```
net.ipv6.conf.lo.disable_ipv6 = 1
```

```
net.ipv6.conf.eno1.disable_ipv6 = 1    (标红为网卡名)
```

刷新使之生效：

```
sudo sysctl -p /etc/sysctl.conf
```

或者直接重启。

三、验证IPV6信息

```
[root@NOC-JP-ZABBIX ~]# ifconfig
eno1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 45.192.176.23 netmask 255.255.255.248 broadcast 45.192.176.23
    ether 9c:b6:54:8d:36:ec txqueuelen 1000 (Ethernet)
    RX packets 4232385191 bytes 632288859807 (588.8 GiB)
    RX errors 3 dropped 12796935 overruns 0 frame 3
    TX packets 4381116305 bytes 905086975400 (842.9 GiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xf7c00000-f7d00000 没有ipv6信息
```

```
2: eno1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP qlen 1000
    link/ether 9c:b6:54:8d:36:ec brd ff:ff:ff:ff:ff:ff
    inet 45.192.176.23 scope global eno1
       valid_lft forever preferred_lft forever 没有ipv6信息
```

四、此外还有多种关闭方式，理论就是在操作系统启动时即禁用ipv6，或修改内核，或修改环境变量。

