Disable ipv6 support

Apache

By default, Apache will listen on all IPs, both IPv6 and IPv4. This is controlled by the Listen directive:

```
Listen 80
```

To turn off IPv6 in Apache, just change the Listen directive in `/etc/apache2/ports.conf` to

```
Listen 0.0.0.0:80
```

Repeat this for port 443 for HTTPS connections.

Then restart apache

```
/etc/init.d/apache2 restart
```

SSHD

By default, SSHD will listen on all IPs. This is configured in `/etc/ssh/sshd_config` as ListenAddress option. To force SSHD to only listen to IPv4 explicitly set this:

```
ListenAddress 0.0.0.0
```

Then restart SSHD

```
/etc/init.d/ssh restart
```

postfix

```
vi /etc/postfix/main.cf
```

Add inet_protocols line after inet_interfaces:

```
inet_protocols = ipv4
```

and restart postfix

```
/etc/init.d/postfix restart
```

Dovecot

```
vi /etc/dovecot/dovecot.conf
```

and add/change listen after the protocols = imap etc line, so it reads

```
listen = *
```

and restart dovecot

```
/etc/init.d/dovecot restart
```

EXIM

```
vi /etc/exim4/update-exim4.conf.conf
```

and change dc_local_interfaces so it reads

```
dc_local_interfaces='127.0.0.1'
```

and restart exim

```
/etc/init.d/exim4 restart
```

x11vnc

x11vnc has a -no6 option. This was broken in libvncserver1 package before 0.9.11.

```
x11vnc -no6
```

System wide

```
cat > /etc/sysctl.d/99-disable-ipv6.conf << EOD
# Disable IPv6
net.ipv6.conf.all.disable_ipv6 = 1
net.ipv6.conf.default.disable_ipv6 = 1
net.ipv6.conf.lo.disable_ipv6 = 1
EOD
sysctl --system
```

reboot system at some point

Confirm open connections

```
lsof -i
```

From:
http://wuff.dyndns.org/ - **Wulf's Various Things**

Permanent link:
http://wuff.dyndns.org/doku.php?id=linux:ipv6

Last update: **2026/08/07 11:41**