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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

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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

System wide

```
echo "# Disable IPv6" >> /etc/sysctl.conf
echo "net.ipv6.conf.all.disable_ipv6 = 1" >> /etc/sysctl.conf
echo "#" >> /etc/sysctl.conf
sysctl -p
```

reboot system at some point

Confirm open connections

```
lsof -i
```

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