

Squid_Issue,_Etch_and_a_2.4_Kernel

The latest version of Squid Proxy in Etch requires a 2.6 kernel. Debian no longer support 2.4 kernels. For a some reason, VMware workstation will not accept any 2.6kernel.

Diagnosis

Squid would not start. Looking in /var/log/syslog showed:

```
Apr 12 23:36:36 kartbuilding squid[27092]: Squid Parent: child process 27098 started
Apr 12 23:36:36 kartbuilding (squid): comm_select_init: epoll_create(): (38) Function not implemented
Apr 12 23:36:36 kartbuilding squid[27092]: Squid Parent: child process 27098 exited due to signal 6
```

Doing a google led me to this page (<http://comments.gmane.org/gmane.linux.debian.devel.bugs.general/121631>) where it was explained that epoll() was only in the 2.6 kernel.

Workaround

As much as I tried to get this VMware machine to load a 2.6 kernel it wouldnt. So I removed squid and installed it from a sarge deb.

```
apt-get remove squid
apt-get remove squid-common
cp /etc/squid/squid.conf /root/
dpkg -P squid
dpkg -P squid-common
cd /root
wget http://security.debian.org/debian-security/pool/updates/main/s/squid/squid-common\_2.5.9-10sarge2\_all.deb
wget http://security.debian.org/debian-security/pool/updates/main/s/squid/squid\_2.5.9-10sarge2\_i386.deb
dpkg -i squid-common_2.5.9-10sarge2_all.deb squid_2.5.9-10sarge2_i386.deb
cp /root/squid.conf /etc/squid/
```

That solved it and got squid back working.