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Subject: Re: Apache don't start Cannot allocate memory

Posted by [swindmill](#) on Sat, 12 May 2007 04:17:58 GMT

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The default Debian Apache2 install uses the worker MPM which seems to eat up memory at initialization.

I edited my /etc/apache2/apache2.conf to look like this:

...

```
<IfModule mpm_worker_module>
```

```
#Default is 2
```

```
StartServers      1
```

```
#Default is 150
```

```
MaxClients       80
```

```
#Default is 25
```

```
MinSpareThreads  5
```

```
MaxSpareThreads  75
```

```
#Default is 25
```

```
ThreadsPerChild  5
```

```
MaxRequestsPerChild 0
```

```
</IfModule>
```

...

And apache2 starts up properly on a VE and uses MUCH less memory.

You can also install libapache2-mod-php5 and Debian will switch Apache2 to use the prefork MPM which needs less memory.

```
apt-get install lib-apache2-mod-php5
```

You can check which MPM apache2 is set to use by running /usr/sbin/apache2 -l

You'll see either prefork.c or worker.c? (I'm not currently using worker) in the output.

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