
Subject: Apache don't start Cannot allocate memory

Posted by [gaper](#) on Fri, 11 May 2007 19:26:25 GMT

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Hi guys first I apologize for my terrible English ... I have a server (HN) with two VE's, this VE's are going to run "trac", trac needs apache, mod_python and litesql, but I just can't start apache, /var/log/apache2/error.log sayd:

```
Fri May 11 13:48:09 2007] [notice] mod_python: using mutex_directory /tmp
```

```
[Fri May 11 13:48:09 2007] [notice] Apache/2.2.3 (Debian) mod_python/3.2.10 Python/2.4.4  
configured -- resuming normal operations
```

```
[Fri May 11 13:48:09 2007] [alert] (12)Cannot allocate memory: apr_thread_create : unable to  
create worker thread
```

```
[Fri May 11 13:48:09 2007] [alert] (12)Cannot allocate memory: apr_thread_create : unable to  
create worker thread
```

```
[Fri May 11 13:48:11 2007] [alert] No active workers found... Apache is exiting!
```

```
julius:~#
```

My enviroment its:

```
piso-7-48:~# vzlist
```

| VPSID | NPROC | STATUS | IP_ADDR | HOSTNAME |
|-------|-------|---------|---------------|----------|
| 101 | 7 | running | 192.168.7.201 | julius |
| 102 | 5 | running | 192.168.7.202 | dalton |

```
piso-7-48:~#
```

I have 512mb of ram ... I tried:

```
vzctl set 101 --vmguarpages 224M --save
```

```
vzctl set 101 --oomguarpages 224M --save
```

```
vzctl set 101 --privvmpages 100000 --save
```

But not working so I reloaded the old and default config:

```
vzctl set 101 --vmguarpages 6144:2147483647 --save
```

```
vzctl set 101 --oomguarpages 6144:2147483647 --save
```

```
vzctl set 101 --privvmpages 49152:53575 --save
```

With the default config I got this in /proc/user_beancounters:

```
piso-7-48:~# cat /proc/user_beancounters
```

```
Version: 2.5
```

```
uid resource      held  maxheld  barrier  limit  failcnt
```

| | | | | | |
|---------------|--------|--------|---------|------------|---|
| 102: kmemsize | 295987 | 953952 | 2752512 | 2936012 | 0 |
| lockedpages | 0 | 0 | 32 | 32 | 0 |
| privvmpages | 795 | 49416 | 49152 | 53575 | 2 |
| shmpages | 0 | 136 | 8192 | 8192 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| numproc | 5 | 32 | 65 | 65 | 0 |
| physpages | 489 | 2689 | 0 | 2147483647 | 0 |
| vmguarpages | 0 | 0 | 6144 | 2147483647 | 0 |
| oomguarpages | 489 | 2689 | 6144 | 2147483647 | 0 |
| numtcpsock | 1 | 3 | 80 | 80 | 0 |
| numflock | 1 | 2 | 100 | 110 | 0 |
| numpty | 0 | 0 | 16 | 16 | 0 |
| numsiginfo | 0 | 4 | 256 | 256 | 0 |
| tcpsndbuf | 0 | 0 | 319488 | 524288 | 0 |
| tcprcvbuf | 0 | 0 | 319488 | 524288 | 0 |
| othersockbuf | 2232 | 2928 | 132096 | 336896 | 0 |
| dgramrcvbuf | 0 | 8376 | 132096 | 132096 | 0 |
| numothersock | 2 | 5 | 80 | 80 | 0 |
| dcachesize | 0 | 0 | 1048576 | 1097728 | 0 |
| numfile | 132 | 612 | 2048 | 2048 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| numiptent | 10 | 10 | 128 | 128 | 0 |
| 101: kmemsize | 266605 | 911208 | 2752512 | 2936012 | 0 |
| lockedpages | 0 | 0 | 32 | 32 | 0 |
| privvmpages | 795 | 49060 | 49152 | 53575 | 2 |
| shmpages | 0 | 136 | 8192 | 8192 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| numproc | 5 | 32 | 65 | 65 | 0 |
| physpages | 488 | 2558 | 0 | 2147483647 | 0 |
| vmguarpages | 0 | 0 | 6144 | 2147483647 | 0 |
| oomguarpages | 488 | 2558 | 6144 | 2147483647 | 0 |
| numtcpsock | 1 | 3 | 80 | 80 | 0 |
| numflock | 1 | 2 | 100 | 110 | 0 |
| numpty | 0 | 0 | 16 | 16 | 0 |
| numsiginfo | 0 | 4 | 256 | 256 | 0 |
| tcpsndbuf | 0 | 0 | 319488 | 524288 | 0 |
| tcprcvbuf | 0 | 0 | 319488 | 524288 | 0 |
| othersockbuf | 2232 | 2928 | 132096 | 336896 | 0 |
| dgramrcvbuf | 0 | 8376 | 132096 | 132096 | 0 |
| numothersock | 2 | 5 | 80 | 80 | 0 |
| dcachesize | 0 | 0 | 1048576 | 1097728 | 0 |
| numfile | 132 | 604 | 2048 | 2048 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| dummy | 0 | 0 | 0 | 0 | 0 |
| numiptent | 10 | 10 | 128 | 128 | 0 |

```

0: kmemsize      2075423  2455127 2147483647 2147483647 0
  lockedpages    0          0 2147483647 2147483647 0
  privvmpages    3088      8076 2147483647 2147483647 0
  shmpages       655       671 2147483647 2147483647 0
  dummy          0          0 2147483647 2147483647 0
  numproc        42         58 2147483647 2147483647 0
  physpages      1508      1508 2147483647 2147483647 0
  vmguarpages    0          0 2147483647 2147483647 0
  oomguarpages   1508      1508 2147483647 2147483647 0
  numtcpsock     2          2 2147483647 2147483647 0
  numflock       1          6 2147483647 2147483647 0
  numpty         1          1 2147483647 2147483647 0
  numsiginfo     0          3 2147483647 2147483647 0
  tcpsndbuf      17856     0 2147483647 2147483647 0
  tcprcvbuf      32768     0 2147483647 2147483647 0
  othersockbuf   13392     18080 2147483647 2147483647 0
  dgramrcvbuf    0          8376 2147483647 2147483647 0
  numothersock   21         25 2147483647 2147483647 0
  dcachesize     0          0 2147483647 2147483647 0
  numfile        783       948 2147483647 2147483647 0
  dummy          0          0 2147483647 2147483647 0
  dummy          0          0 2147483647 2147483647 0
  dummy          0          0 2147483647 2147483647 0
  numiptent      10         10 2147483647 2147483647 0

```

pis0-7-48:~#

I will estimate your help. Tnks.

att: gaper

p.d: live net !!!