
Subject: ***SOLVED*** Apache2 error: Cannot allocate memory: apr_thread_create: unable to create worker thread

Posted by [nalle](#) on Fri, 19 May 2006 12:26:03 GMT

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[Fri May 19 11:24:06 2006] [notice] Apache/2.0.55 (Debian) configured -- resuming normal operations

[Fri May 19 11:24:06 2006] [alert] (12)Cannot allocate memory: apr_thread_create: unable to create worker thread

And then the alerts just keep on coming until either the virtual machine locks up or the server gets and unexpected shutdown.

Also some stuff happens in the meantime:

```
web:/var/log/apache2# ps aux
```

Signal 11 (SEGV) caught by ps (procps version 3.2.1).

Please send bug reports to <feedback@lists.sf.net> or <albert@users.sf.net>

and once it told me that no processes had memory left to play with, couldn't even use cd or ls

Anyone have a clue on why this is happening?

Subject: Re: Apache2 error: Cannot allocate memory: apr_thread_create: unable to create worker thread

Posted by [Vasily Tarasov](#) on Fri, 19 May 2006 12:31:18 GMT

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Quote:[Fri May 19 11:24:06 2006] [notice] Apache/2.0.55 (Debian) configured -- resuming normal operations

[Fri May 19 11:24:06 2006] [alert] (12)Cannot allocate memory: apr_thread_create: unable to create worker thread

please, look at /proc/user_beancounters output.

May be some memory limits are hitted?

Also, please, provide your kernel version.

Subject: Re: Apache2 error: Cannot allocate memory: apr_thread_create: unable to create worker thread

Posted by [nalle](#) on Fri, 19 May 2006 12:34:56 GMT

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web:~# cat /proc/user_beancounters

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt
1: kmemsize	331779	827022	2752512	2936012	0
lockedpages	0	0	32	32	0
privvmpages	4052	49146	49152	53575	20
shmpages	640	992	8192	8192	0
dummy	0	0	0	0	0
numproc	8	40	65	65	0
physpages	934	1907	0	2147483647	0
vmguarpages	0	0	32768	32768	0
oomguarpages	934	1907	6144	2147483647	0
numtcpsock	2	4	80	80	0
numflock	2	4	100	110	0
numpty	1	1	16	16	0
numsiginfo	0	7	256	256	0
tcpsndbuf	4440	24420	319488	524288	0
tcprcvbuf	0	5124	319488	524288	0
othersockbuf	2220	8880	132096	336896	0
dgramrcvbuf	0	2220	132096	132096	0
numothersock	1	9	80	80	0
dcachesize	46280	69680	1048576	1097728	0
numfile	98	211	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

Kernel is 2.6.16-026test012

Subject: Re: Apache2 error: Cannot allocate memory: apr_thread_create: unable to create worker thread

Posted by [Vasily Tarasov](#) on Fri, 19 May 2006 12:42:20 GMT

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privvmpages 4052 49146 49152 53575 2020 in last column means, that 20 times privvmpages barrier/limit was hit. Thus 49152/53575 pages aren't enough for your situation.

Just increase this limit:

vzctl set 1 --privvmpages 100000 --saveAnd retry to start apache. After that check /proc/user_beancounters to be sure, that 100000 pages are enough.

Good luck.

Subject: Re: Apache2 error: Cannot allocate memory: apr_thread_create: unable to create worker thread

Posted by [nalle](#) on Fri, 19 May 2006 12:45:11 GMT

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Thanks that solved it maxheld ended up at 61657 and the errors are gone

Subject: Re: *SOLVED* Apache2 error: Cannot allocate memory: apr_thread_create: unable to create worker threa

Posted by [HappyAlex](#) on Mon, 11 Sep 2006 12:10:25 GMT

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I got same problem

Quote:

```
-bash-3.1# cat /proc/user_beancounters
```

Version: 2.5

uid resource	held	maxheld	barrier	limit	failcnt
101: kmemsize	654460	1681938	2060288	2060288	0
lockedpages	0	0	32	32	0
privvmpages	4049	99780	100000	100000	4
shmpages	0	52	8192	8192	0
dummy	0	0	0	0	0
numproc	9	49	5000	5000	0
physpages	1006	2117	0	2147483647	0
vmguarpages	0	0	6144	2147483647	0
oomguarpages	1006	2117	6144	2147483647	0
numtcpsock	1	3	80	80	0
numflock	1	4	100	110	0
numpty	1	1	16	16	0
numsiginfo	0	2	256	256	0
tcpsndbuf	0	0	319488	524288	0
tcprcvbuf	16384	0	4096000	4096000	0
othersockbuf	6708	7408	132096	336896	0
dgramrcvbuf	0	8380	132096	132096	0
numothersock	6	11	80	80	0
dcachesize	0	0	1048576	1097728	0
numfile	219	892	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

[Mon Sep 11 16:12:21 2006] [notice] Apache/2.0.59 (Unix) configured -- resuming normal operations

[Mon Sep 11 16:12:21 2006] [alert] (12)Cannot allocate memory: apr_thread_create: unable to create worker thread

[Mon Sep 11 16:12:21 2006] [alert] (12)Cannot allocate memory: apr_thread_create: unable to create worker thread

[Mon Sep 11 16:12:23 2006] [alert] No active workers found... Apache is exiting!

Subject: Re: *SOLVED* Apache2 error: Cannot allocate memory:
apr_thread_create: unable to create worker threa

Posted by [Vasily Tarasov](#) on Mon, 11 Sep 2006 12:28:17 GMT

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Hi,

then, increase limits, like in this thread!

<http://forum.openvz.org/index.php?t=tree&th=607&mid=3270&&rev=&reveal=>

Subject: Re: *SOLVED* Apache2 error: Cannot allocate memory:
apr_thread_create: unable to create worker threa

Posted by [HappyAlex](#) on Mon, 11 Sep 2006 13:32:53 GMT

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vzctl set 101 --privvmpages 150000 --save

Subject: Re: *SOLVED* Apache2 error: Cannot allocate memory:
apr_thread_create: unable to create worker threa

Posted by [Vasily Tarasov](#) on Mon, 11 Sep 2006 13:47:08 GMT

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Please, only in English in this forum.

You should check for failcounters in /proc/user_beancounters,
And increase appropriate parameter.
