
Subject: Cannot allocate memory

Posted by [srv38](#) on Mon, 10 Aug 2009 07:02:34 GMT

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Aug 10 13:10:50 mail postfix/smtpd[20080]: warning: connect #1 to subsystem public/cleanup: Cannot allocate memory
Aug 10 13:10:50 mail postfix/smtpd[20053]: warning: connect #1 to subsystem public/cleanup: Cannot allocate memory
Aug 10 13:10:52 mail amavis[17707]: (17707-17) ClamAV-clamd: Can't create UNIX socket: Cannot allocate memory, retrying (1)
Aug 10 13:10:52 mail amavis[18600]: (18600-16) ClamAV-clamd: Can't connect to UNIX socket /var/run/clamav/clamd.sock: Cannot allocate memory, retrying (1)
Aug 10 13:10:53 mail postfix/qmgr[26513]: warning: connect to transport virtual: Cannot allocate memory
Aug 10 13:10:53 mail postfix/qmgr[26513]: warning: connect to transport retry: Cannot allocate memory
Aug 10 13:10:53 mail amavis[17707]: (17707-17) (!)ClamAV-clamd: Can't create UNIX socket: Cannot allocate memory, retrying (2)
Aug 10 13:10:54 mail postfix/smtpd[20079]: warning: connect #1 to subsystem public/cleanup: Cannot allocate memory
Aug 10 13:10:54 mail postfix/smtpd[19607]: warning: connect #1 to subsystem public/cleanup: Cannot allocate memory
Aug 10 13:10:55 mail postfix/smtpd[20114]: warning: connect #1 to subsystem private/rewrite: Cannot allocate memory
Aug 10 13:11:01 mail amavis[17707]: (17707-17-2) ClamAV-clamd: Can't connect to UNIX socket /var/run/clamav/clamd.sock: Cannot allocate memory, retrying (1)
Aug 10 13:11:02 mail postfix/smtpd[16282]: warning: connect #1 to subsystem public/cleanup: Cannot allocate memory
Aug 10 13:11:02 mail amavis[17707]: (17707-17-2) (!)ClamAV-clamd: Can't connect to UNIX socket /var/run/clamav/clamd.sock: Cannot allocate memory, retrying (2)
Aug 10 13:11:02 mail pop3d: authdaemon: socket() failed: Cannot allocate memory
Aug 10 13:11:02 mail pop3d: authentication error: Cannot allocate memory
Aug 10 13:11:04 mail postfix/smtpd[20079]: warning: connect #2 to subsystem public/cleanup: Cannot allocate memory
Aug 10 13:11:04 mail postfix/smtpd[19607]: warning: connect #2 to subsystem public/cleanup: Cannot allocate memory

```
cat /etc/vz/conf/100.conf
KMEMSIZE="11055923:11377049"
LOCKEDPAGES="256:256"
PRIVVMPAGES="2048M:2304M"
SHMPAGES="21504:21504"
NUMPROC="240:240"
PHYSPAGES="0:2147483647"
VMGUARPAGES="33792:2147483647"
OOMGUARPAGES="26112:2147483647"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:2703360"
TCPRCVBUF="1720320:2703360"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
NUMFILE="9312:9312"
DCACHESIZE="3409920:3624960"
NUMIPTENT="128:128"
AVNUMPROC="180:180"
CPUUNITS="1000"
ONBOOT="yes"
ORIGIN_SAMPLE="vps.basic"
DISKSPACE="63G:64G"
DISKINODES="2000000:2200000"
QUOTATIME="0"
```

```
cat /etc/vz/conf/200.conf
KMEMSIZE="11055923:11377049"
LOCKEDPAGES="256:256"
PRIVVMPAGES="1024M:1280M"
SHMPAGES="21504:21504"
NUMPROC="240:240"
PHYSPAGES="0:2147483647"
VMGUARPAGES="33792:2147483647"
OOMGUARPAGES="26112:2147483647"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:2703360"
```

TCPRCVBUF="1720320:2703360"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
NUMFILE="9312:9312"
DCACHESIZE="3409920:3624960"
NUMIPTENT="128:128"
AVNUMPROC="180:180"
CPUUNITS="1000"
ONBOOT="yes"
ORIGIN_SAMPLE="vps.basic"
DISKSPACE="21G:22G"
DISKINODES="200000:220000"
QUOTATIME="0"

Subject: Re: Cannot allocate memory
Posted by [maratrus](#) on Mon, 10 Aug 2009 12:09:07 GMT
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Quote:

Subject: Re: Cannot allocate memory
Posted by [srv38](#) on Tue, 11 Aug 2009 01:47:28 GMT
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cat /proc/user_beancounters

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt	
200:	kmemsize	1793162	4626191	11055923	11377049		0
	lockedpages	0	0	256	256	0	

privvmpages	43772	55983	262144	327680	0
shmpages	142	142	21504	21504	0
dummy	0	0	0	0	0
numproc	24	55	240	240	0
physpages	15367	17603	0	2147483647	0
vmguarpages	0	0	33792	2147483647	0
oomguarpages	15367	17603	26112	2147483647	0
numtcpsock	5	62	360	360	0
numflock	4	6	188	206	0
numpty	0	1	16	16	0
numsiginfo	0	2	256	256	0
tcpsndbuf	44800	495040	1720320	2703360	0
tcprcvbuf	81920	282816	1720320	2703360	0
othersockbuf	6720	260352	1126080	2097152	0
dgramrcvbuf	0	1216	262144	262144	0
numothersock	18	28	360	360	0
dcachesize	123464	155342	3409920	3624960	0
numfile	602	912	9312	9312	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	20	20	128	128	0
100: kmemsize	6110442	8797689	11055923	11377049	0
lockedpages	0	0	256	256	0
privvmpages	133830	166826	524288	589824	0
shmpages	142	782	21504	21504	0
dummy	0	0	0	0	0
numproc	86	136	240	240	0
physpages	91702	99011	0	2147483647	0
vmguarpages	0	0	33792	2147483647	0
oomguarpages	91702	99011	26112	2147483647	0
numtcpsock	34	68	360	360	0
numflock	19	46	188	206	0
numpty	0	2	16	16	0
numsiginfo	0	3	256	256	0
tcpsndbuf	340160	1618944	1720320	2703360	14076
tcprcvbuf	214208	3355840	1720320	2703360	151
othersockbuf	309504	672384	1126080	2097152	0
dgramrcvbuf	0	86976	262144	262144	0
numothersock	217	360	360	360	6146
dcachesize	385572	497084	3409920	3624960	0
numfile	2417	3628	9312	9312	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	20	20	128	128	0
0: kmemsize	3421998	4558954	2147483647	2147483647	0
lockedpages	10585	10586	2147483647	2147483647	0

privvmpages	7658	14543	2147483647	2147483647	0
shmpages	688	704	2147483647	2147483647	0
dummy	0	0	2147483647	2147483647	0
numproc	69	83	2147483647	2147483647	0
physpages	6155	6677	2147483647	2147483647	0
vmguarpages	0	0	2147483647	2147483647	0
oomguarpages	6201	6723	2147483647	2147483647	0
numtcpsock	5	5	2147483647	2147483647	0
numflock	1	2	2147483647	2147483647	0
numpty	1	2	2147483647	2147483647	0
numsiginfo	0	4	2147483647	2147483647	0
tcpsndbuf	252672	252672	2147483647	2147483647	0
tcprcvbuf	358080	341696	2147483647	2147483647	0
othersockbuf	47040	67968	2147483647	2147483647	0
dgramrcvbuf	0	8576	2147483647	2147483647	0
numothersock	52	56	2147483647	2147483647	0
dcachesize	715720	730900	2147483647	2147483647	0
numfile	1264	1491	2147483647	2147483647	0
dummy	0	0	2147483647	2147483647	0
dummy	0	0	2147483647	2147483647	0
dummy	0	0	2147483647	2147483647	0
numiptent	24	24	2147483647	2147483647	0

Subject: Re: Cannot allocate memory

Posted by [maratrus](#) on Wed, 12 Aug 2009 16:10:26 GMT

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Quote:

tcpsndbuf	340160	1618944	1720320	2703360	14076
tcprcvbuf	214208	3355840	1720320	2703360	151
othersockbuf	309504	672384	1126080	2097152	0
dgramrcvbuf	0	86976	262144	262144	0
numothersock	217	360	360	360	6146

Subject: Re: Cannot allocate memory

Posted by [srv38](#) on Wed, 12 Aug 2009 16:38:18 GMT

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TCPSNDBUF="1720320:2703360"
TCPRCVBUF="1720320:2703360"
NUMOTHERSOCK="360:360"

Subject: Re: Cannot allocate memory
Posted by [maratrus](#) on Wed, 12 Aug 2009 16:59:29 GMT
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<http://www.ndd.ru/al/opencvz/index.html>

Subject: Re: Cannot allocate memory
Posted by [srv38](#) on Fri, 14 Aug 2009 02:40:07 GMT
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(warning) Incorrect quota shutdown for id 100, recalculating disk usage
vzquota : (error) quota check : lstat `1250179819.V11I512009M182784.mail': Stale NFS file handle
vzquota on failed [1]

Aug 13 22:15:01 mail-noda-1 kernel: [4929170.391065] BUG: unable to handle kernel paging request at fffff85
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.391072] IP: [<c0338e6a>]
cfq_set_request+0x30e/0x391
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.391080] *pde = 00007067 *pte = 00000000
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.391086] Oops: 0002 [#1] SMP
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.391174] Modules linked in: vznetdev vzrst vzcpt vzmon vxdquota vzdev drbd simfs scsi_wait_scan test_nx [last unloaded: vzmon]
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.391363]
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] Pid: 286, comm: pdflush Not tainted (2.6.27-openvz-briullov.1-r1 #1 briullov)
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] EIP: 0060:[<c0338e6a>] EFLAGS: 00010287 CPU: 1
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] EIP is at cfq_set_request+0x30e/0x391
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] EAX: 00000001 EBX: f6f99b40 ECX: 00000000 EDX: f7bd3ec8
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] ESI: 00000000 EDI: 00000001 EBP: f7b07a68 ESP: f7b07a2c
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] DS: 007b ES: 007b FS: 00d8 GS: 0000 SS: 0068
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] Process pdflush (pid: 286, veid: 0, ti=f7b06000 task=f7b10000 task.ti=f7b06000)
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] Stack: 00000010 f604b840 f7088000 00000001 00bd209c f7918c00 f7bd3ec8 00000001
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] 00000202 00000010 00011210 f6f99b40 c0338b5c f7088000 00000000 f7b07a78
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] c032d0bd f7088000 f604b840 f7b07a9c c032f42e f6c13e00 00018001 00000001
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] Call Trace:
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0338b5c>] ? cfq_set_request+0x0/0x391
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032d0bd>] ?

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elv_set_request+0x17/0x26
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032f42e>] ?
get_request+0x202/0x302
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032f957>] ?
get_request_wait+0x21/0x147
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<f8f64ec2>] ?
drbd_make_request_26+0x5f1/0x643 [drbd]
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032fe4e>] ?
__make_request+0x28e/0x304
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032eba8>] ?
generic_make_request+0x358/0x386
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c04e1999>] ?
__inet_lookup_established+0xc2/0x16a
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260bc1>] ?
mempool_alloc_slab+0xe/0x10
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260e2e>] ?
mempool_alloc+0x42/0xe0
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260bc1>] ?
mempool_alloc_slab+0xe/0x10
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260e2e>] ?
mempool_alloc+0x42/0xe0
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032ece1>] ? submit_bio+0x10b/0x113
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02a1749>] ?
bio_alloc_bioset+0x50/0x8a
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c029e608>] ? submit_bh+0xbf/0xdc
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c029f949>] ?
sync_dirty_buffer+0x55/0xa3
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02d4a73>] ?
journal_update_superblock+0x6c/0xa0
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02d382f>] ?
cleanup_journal_tail+0xba/0xc0
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02d3888>] ?
log_do_checkpoint+0x17/0x444
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c033941c>] ?
cfq_add_rq_rb+0xa7/0xba
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0339485>] ?
cfq_insert_request+0x56/0x34c
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032dd1d>] ? elv_insert+0x136/0x1cb
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032de27>] ?
__elv_add_request+0x75/0x7a
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032fe95>] ?
__make_request+0x2d5/0x304
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032eba8>] ?
generic_make_request+0x358/0x386
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c032e1e4>] ?
blk_done_softirq+0x4e/0x5b
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260bc1>] ?
mempool_alloc_slab+0xe/0x10

```



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Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260e2e>] ?
mempool_alloc+0x42/0xe0
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0260bc1>] ?
mempool_alloc_slab+0xe/0x10
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c022a596>] ?
lock_timer_base+0x1f/0x3e
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02d3d2f>] ?
__log_wait_for_space+0x7a/0x9f
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02d1fc4>] ?
start_this_handle+0x26f/0x2ae
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c033d341>] ?
radix_tree_gang_lookup_tag_slot+0x76/0x95
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02d212b>] ? journal_start+0x8c/0xb9
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02cc4c1>] ?
ext3_journal_start_sb+0x40/0x42
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02c3f9e>] ?
ext3_ordered_writepage+0x45/0x116
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0263f7f>] ? __writepage+0xb/0x2d
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02647a7>] ?
write_cache_pages+0x1a8/0x2a2
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0263f74>] ? __writepage+0x0/0x2d
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0217d21>] ? update_curr+0x8d/0xf0
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c04a93ad>] ?
sock_fasync+0x2d/0x11b
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02648be>] ?
generic_writepages+0x1d/0x27
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02648f4>] ?
do_writepages+0x2c/0x34
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c029ade5>] ?
__writeback_single_inode+0x16e/0x33e
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0219545>] ?
pick_next_task_fair+0x97/0xd7
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c029b3a3>] ?
generic_sync_sb_inodes+0x25d/0x3a5
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c029b660>] ?
writeback_inodes+0x63/0xa2
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02649fd>] ? wb_kupdate+0x7b/0xe3
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02652de>] ? pdflush+0x100/0x198
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0264982>] ? wb_kupdate+0x0/0xe3
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c0233210>] ? kthread+0x85/0xaf
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c02651de>] ? pdflush+0x0/0x198
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c023318b>] ? kthread+0x0/0xaf
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] [<c020454b>] ?
kernel_thread_helper+0x7/0x10
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] =====
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] Code: 4d cc 8b 55 e4 8b 81 50 01 00 00
e8 79 6d 25 00 8b 45 c8 31 c9 8b 55 dc 89 58 54 89 50 50 8b 43 58 8b 40 14 3d 80 00 00 00 74
6c <f0> ff 40 84 31 c9 eb 64 8b 4d d8 83 79 04 00 74 24 8b 01 8b 80

```

Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] EIP: [<c0338e6a>]
cfq_set_request+0x30e/0x391 SS:ESP 0068:f7b07a2c
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.392015] ---[end trace 72ef8a4665184da0]---
Aug 13 22:15:01 mail-noda-1 kernel: [4929170.400305] pdfflush used greatest stack depth: 4880
bytes left

Subject: Re: Cannot allocate memory
Posted by [pva0xd](#) on Tue, 17 Nov 2009 15:48:35 GMT
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<http://git.openvz.org/?p=linux-2.6.27-openvz;a=commit;h=966af0a67f79797b0349b44f92aef85082deb3ff>

http://bugzilla.openvz.org/show_bug.cgi?id=1240

Subject: Re: Cannot allocate memory
Posted by [koct9i](#) on Tue, 17 Nov 2009 16:31:21 GMT
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