
Subject: can't allocate memory

Posted by [sander19](#) on Mon, 23 Apr 2007 16:15:44 GMT

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I think I have something wrong, I'm constantly getting memory exhausted errors and stuff, can't allocated memory blabla.

I just try to do some silly commmands but all have too little memory.

I understood that the privvmpages were the amount that a process can take. I've put this high enough but still it's hitting the limits. What am I doing wrong ?

Below you can find my specs:

client w:

```
root@*****/:/# w
```

```
Inconsistency detected by ld.so: dl-minimal.c: 84: __libc_memalign: Assertion `page != ((void *) -1)' failed!
```

server vzctl:

```
*****/:/home/sander# vzctl enter 101
```

```
entered into VE 101
```

```
Inconsistency detected by ld.so: dl-minimal.c: 84: __libc_memalign: Assertion `page != ((void *) -1)' failed!
```

client top:

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
26225	clamav	16	0	51016	38m	928	S	0.0	3.8	0:02.04	clamd
26223	amavis	16	0	36032	30m	2188	S	0.0	3.1	0:00.41	amavisd-new
26224	amavis	16	0	35876	30m	2188	S	0.0	3.0	0:00.23	amavisd-new
26207	amavis	16	0	35112	29m	2156	S	0.0	3.0	0:00.27	amavisd-new
26347	mysql	16	0	117m	24m	4812	S	0.0	2.4	0:18.13	mysqld
32526	www-data	16	0	24148	13m	2948	S	0.0	1.3	0:08.88	apache2
32177	www-data	16	0	23472	12m	3056	S	0.0	1.3	0:12.82	apache2
28585	www-data	15	0	23204	12m	3180	S	0.0	1.3	0:06.16	apache2
30533	www-data	16	0	23156	12m	3200	S	0.0	1.3	0:03.45	apache2
32525	www-data	16	0	23172	12m	2956	S	0.0	1.2	0:00.45	apache2
32529	www-data	15	0	23052	12m	2832	S	0.0	1.2	0:00.19	apache2
32528	www-data	16	0	18440	8172	2996	S	0.0	0.8	0:00.34	apache2

server beancounters:

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt	
101:	kmemsize	4252389	5210322	7752512	8936012		0
	lockedpages	0	5	32	32	0	
	privvmpages	96595	105237	98304	131000	2672	
	shmpages	702	1998	8192	8192	0	
	dummy	0	0	0	0	0	
	numproc	58	73	128	128	6	
	physpages	48643	54437	0	2147483647	0	
	vmguarpages	0	0	98304	2147483647	0	
	oomguarpages	48643	54437	100196	2147483647		0
	numtcpsock	16	59	80	80	0	
	numflock	10	21	100	110	0	
	numpty	1	3	16	16	0	
	numsiginfo	0	26	256	256	0	
	tcpsndbuf	6708	297388	319488	524288	0	
	tcprcvbuf	4472	175312	319488	524288	0	
	othersockbuf	172172	425560	1585883	2937563		137
	dgramrcvbuf	0	20124	132096	132096	0	
	numothersock	122	144	520	520	307	
	dcachesize	0	0	1048576	1097728	0	
	numfile	1423	1731	2048	2048	0	
	dummy	0	0	0	0	0	
	dummy	0	0	0	0	0	
	dummy	0	0	0	0	0	
	numiptent	30	90	128	128	0	

Free command server:

	total	used	free	shared	buffers	cached
Mem:	1029844	1017256	12588	0	115040	176528
-/+ buffers/cache:	725688	304156				
Swap:	4000168	2072	3998096			