
Subject: Re: Memory usage

Posted by [eugenio pacheco](#) on Mon, 10 Apr 2006 20:51:57 GMT

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Hi,

Thanks a lot for your answer...

Yes, I do believe that the limit would be the privvmpages setting... What is the unit used by privvmpages? I had a VPS running with 95862:105448 and I couldn't run 1 ircd, 1 shoutcast and 30 eggdrops... It got memory shortage. Is that suppose to be like that? I'm not sure how much memory an eggdrop or a shoutcast uses... Here is what my ps aux showed:

```
[root@t248 ~]# vzctl exec 104 ps aux
USER      PID %CPU %MEM  VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.0  0.0 1504  512 ?        Ss   Apr08   0:00 ini
root      6126  0.0  0.0 1560  592 ?        Ss   Apr08   0:00 /sbin/syslogd
root      6134  0.0  0.1 3468 1520 ?        Ss   Apr08   0:01 /usr/sbin/sshd
nobody    7255  0.0  0.2 4068 2092 ?        Ss   Apr08   0:00 proftpd: (accepting connections)
daemon    7258  0.0  0.0 1684  628 ?        Ss   Apr08   0:00 /usr/sbin/atd
root      7261  0.0  0.0 1764  816 ?        Ss   Apr08   0:00 /usr/sbin/cron
ircd      7328  0.0  0.4 5936 4892 ?        Ss   Apr08   0:10 ./ircd
egg      11789  0.0  0.2 12376 2660 ?        S    Apr08   0:00 ./eggdrop-1.6.17 egg1.conf
bonan     20451  0.0  0.2 29740 2152 ?        S    Apr08   0:00 ./sc_serv
egg      27810  0.0  0.2 12376 2664 ?        S    Apr08   0:00 ./eggdrop -m eggdrop.conf
egg      27844  0.0  0.2 12376 2684 ?        S    Apr08   0:00 ./eggdrop -m eggdrop.conf
egg     14291  0.0  0.2 12376 2736 ?        S    Apr09   0:01 ./eggdrop -m v2sis.conf
egg      1421  0.0  0.2 12376 2740 ?        S    Apr09   0:00 ./eggdrop -m 01.conf
egg      1904  0.0  0.2 12376 2740 ?        S    Apr09   0:00 ./eggdrop -m 02.conf
egg      8083  0.0  0.2 12364 2632 ?        S    01:47   0:00 ./eggdrop -m egg11.conf
egg      9346  0.0  0.2 12376 2720 ?        S    02:00   0:00 ./eggdrop -m egg13.conf
egg      9806  0.0  0.2 12376 2664 ?        S    02:05   0:00 ./eggdrop -m egg14.conf
egg     10096  0.0  0.2 12376 2736 ?        S    02:28   0:00 ./eggdrop -m egg15.conf
egg     10099  0.0  0.2 12376 2740 ?        S    02:28   0:00 ./eggdrop -m egg16.conf
egg     10102  0.0  0.2 12364 2716 ?        S    02:29   0:00 ./eggdrop -m egg17.conf
egg     10105  0.0  0.2 12376 2748 ?        S    02:29   0:00 ./eggdrop -m egg18.conf
egg     10223  0.0  0.2 12376 2740 ?        S    02:30   0:00 ./eggdrop -m egg19.conf
egg     10232  0.0  0.2 12364 2712 ?        S    02:32   0:00 ./eggdrop -m egg20.conf
egg     10235  0.0  0.2 12364 2716 ?        S    02:32   0:00 ./eggdrop -m egg21.conf
egg     10239  0.0  0.2 12364 2716 ?        S    02:33   0:00 ./eggdrop -m egg22.conf
egg     11268  0.0  0.2 12364 2712 ?        S    02:35   0:00 ./eggdrop -m egg23.conf
egg     11302  0.0  0.2 12364 2716 ?        S    02:35   0:00 ./eggdrop -m egg24.conf
egg     11311  0.0  0.2 12364 2716 ?        S    02:37   0:00 ./eggdrop -m egg25.conf
egg     11342  0.0  0.2 12364 2712 ?        S    02:39   0:00 ./eggdrop -m egg26.conf
egg     11408  0.0  0.2 12376 2740 ?        S    02:40   0:00 ./eggdrop -m egg27.conf
egg     11424  0.0  0.2 12376 2740 ?        S    02:42   0:00 ./eggdrop -m egg28.conf
egg     11428  0.0  0.2 12376 2740 ?        S    02:43   0:00 ./eggdrop -m egg29.conf
egg     11431  0.0  0.2 12376 2728 ?        S    02:44   0:00 ./eggdrop -m egg30.conf
```

```

egg 11465 0.0 0.2 12376 2732 ? S 02:45 0:00 ./eggdrops -m egg31.conf
egg 11470 0.0 0.2 12376 2732 ? S 02:46 0:00 ./eggdrops -m egg32.conf
egg 11473 0.0 0.2 12376 2736 ? S 02:46 0:00 ./eggdrops -m egg33.conf
egg 11482 0.0 0.2 12376 2740 ? S 02:47 0:00 ./eggdrops -m egg34.conf
egg 11485 0.0 0.2 12376 2732 ? S 02:47 0:00 ./eggdrops -m egg35.conf
egg 11488 0.0 0.2 12376 2732 ? S 02:48 0:00 ./eggdrops -m egg36.conf
egg 11491 0.0 0.2 12376 2736 ? S 02:48 0:00 ./eggdrops -m egg37.conf
egg 11494 0.0 0.2 12376 2616 ? S 02:49 0:00 ./eggdrops -m egg38.conf
egg 11497 0.0 0.2 12376 2740 ? S 02:49 0:00 ./eggdrops -m egg39.conf
egg 11563 0.0 0.2 12376 2736 ? S 02:53 0:00 ./eggdrops -m egg42.conf
root 2791 0.0 0.0 2492 840 ? Rs 20:43 0:00 ps aux

```

And here is the user_beancounters:

```
[root@t248 ~]# vzctl exec 104 cat /proc/user_beancounters
```

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt	
104:	kmemsize	2829599	3083390	5141514	8855665		0
	lockedpages	0	0	836	836	0	
	privvmpages	90317	97727	95862	105448		81
	shmpages	0	1632	9586	9586	0	
	dummy	0	0	0	0		
	numproc	82	90	800	800	0	
	physpages	10135	10804	0	2147483647		0
	vmguarpages	0	0	15977	2147483647		0
	oomguarpages	10135	10804	15977	2147483647		0
	numtcpsock	116	122	800	800	0	
	numflock	2	8	668	734	0	
	numpty	0	2	80	80	0	
	numsiginfo	1	5	1024	1024	0	
	tcpsndbuf	93576	373564	2437038	5713838		0
	tcprcvbuf	0	1021384	2437038	5713838		0
	othersockbuf	80208	142592	1218519	4495319		0
	dgramrcvbuf	0	12040	1218519	1218519		0
	numothersock	72	101	800	800	0	
	dcachesize	204480	226064	3740085	3852288		0
	numfile	1305	1358	6688	6688	0	
	dummy	0	0	0	0		
	dummy	0	0	0	0		
	dummy	0	0	0	0		
	numiptent	10	10	200	200	0	