
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	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	0	
	dummy	0	0	0	0	0	
	dummy	0	0	0	0	0	
	numiptent	10	10	200	200	0	