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Subject: Out of socket memory  
Posted by [coolvds](#) on Sat, 04 Mar 2006 14:24:44 GMT  
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vzctl)

```
free
      total    used    free   shared  buffers   cached
Mem:   1033220  978532   54688        0    57568   334596
-/+ buffers/cache:  586368   446852
Swap:   3004144    2048   3002096
```

```
vmstat -a 1
procs -----memory----- ---swap-- -----io----- --system-- ----cpu----
 r b swpd free inact active si so bi bo in cs us sy id wa
34 0  2048 54688 117860 647888 0 0 3 4 16 15 1 0 99 0
34 0  2048 54688 117860 647888 0 0 0 0 1010 62233 0 0 100 0
34 0  2048 54688 117860 647896 0 0 0 12 1017 62295 0 0 100 0
34 0  2048 54600 117860 647912 0 0 0 0 1017 61419 1 0 100 0
34 0  2048 54600 117860 647912 0 0 0 0 1006 61741 0 0 100 0
34 0  2048 54600 117860 647912 0 0 0 76 1015 60033 0 0 100 0
34 0  2048 54600 117860 647912 0 0 0 0 1007 58942 0 0 100 0
34 0  2048 54644 117860 647928 0 0 4 188 1052 58462 1 0 99 0
34 0  2048 54644 117860 647928 0 0 0 0 1009 58985 0 0 100 0
```

```
cat /proc/user_beancounters
Version: 2.5
```

uid	resource	held	maxheld	barrier	limit	failcnt
0:	kmemsize	5275140	6280229	2147483647	2147483647	0
	lockedpages	0	0	2147483647	2147483647	0
	privvmpages	15106	19340	2147483647	2147483647	0
	shmpages	2262	4838	2147483647	2147483647	0
	dummy	0	0	2147483647	2147483647	0
	numproc	75	102	2147483647	2147483647	0
	physpages	7548	8228	2147483647	2147483647	0
	vmguarpages	0	0	2147483647	2147483647	0
	oomguarpages	7721	8401	2147483647	2147483647	0
	numtcpsock	7	9	2147483647	2147483647	0
	numflock	1	8	2147483647	2147483647	0
	numpty	5	9	2147483647	2147483647	0
	numsiginfo	3	20	2147483647	2147483647	0
	tcpsndbuf	11140	64612	2147483647	2147483647	0
	tcprcvbuf	0	200972	2147483647	2147483647	0
	othersockbuf	21740	372372	2147483647	2147483647	0
	dgramrcvbuf	0	286704	2147483647	2147483647	0
	numothersock	11	21	2147483647	2147483647	0
	dcachesize	3654297	3678979	2147483647	2147483647	0
	numfile	412	668	2147483647	2147483647	0
	dummy	0	0	2147483647	2147483647	0
	dummy	0	0	2147483647	2147483647	0
	dummy	0	0	2147483647	2147483647	0
	numiptent	0	0	2147483647	2147483647	0
121:	kmemsize	3441624	4496617	10485760	10485760	0
	lockedpages	0	0	128	128	0
	privvmpages	31974	44533	65536	65536	0
	shmpages	165	1461	8192	8192	0
	dummy	0	0	0	0	0
	numproc	58	83	100	100	0
	physpages	19963	27659	0	2147483647	0
	vmguarpages	0	0	32768	32768	0
	oomguarpages	20003	27699	32768	32768	0
	numtcpsock	11	19	80	80	0
	numflock	15	27	1024	1024	0
	numpty	0	2	10	10	0
	numsiginfo	0	3	256	256	0
	tcpsndbuf	0	47148	319488	524288	0
	tcprcvbuf	0	55588	319488	524288	0
	othersockbuf	155960	191968	319488	524288	0
	dgramrcvbuf	0	12828	132096	132096	0
	numothersock	123	139	500	500	0
	dcachesize	292740	353584	524288	548864	0
	numfile	718	1014	5120	5120	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0

numiptent	0	0	80	80	0	
150: kmemsize	481933	1202531	20971520	20971520		0
lockedpages	0	0	256	256	0	
privvmpages	2430	10829	131072	131072		0
shmpages	0	0	8192	8192	0	
dummy	0	0	0	0	0	
numproc	10	25	220	220	0	
physpages	1507	4530	0	2147483647		0
vmguarpages	0	0	65536	65536		0
oomguarpages	1561	4530	65536	65536		0
numtcpsock	2	4	200	200	0	
numflock	4	7	1000	1000	0	
numpty	0	0	25	25	0	
numsiginfo	0	3	256	256	0	
tcpsndbuf	0	70532	319488	524288		0
tcprcvbuf	0	70352	319488	524288		0
othersockbuf	6684	17368	319488	524288		0
dgramrcvbuf	0	8372	132096	132096		0
numothersock	9	19	280	280	0	
dcachesize	55104	88970	524288	548864		0
numfile	152	322	20000	20000	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	0	0	200	200	0	
201: kmemsize	1348634	2000286	5242880	5242880		0
lockedpages	0	0	64	64	0	
privvmpages	16665	32768	131072	131072		12
shmpages	652	1308	8192	8192		0
dummy	0	0	0	0	0	
numproc	42	60	60	60	0	
physpages	7530	24081	0	2147483647		0
vmguarpages	0	0	16384	16384		0
oomguarpages	7583	24134	16384	16384		0
numtcpsock	13	35	40	40	0	
numflock	4	8	500	500	0	
numpty	1	3	5	5	0	
numsiginfo	9	16	256	256	0	
tcpsndbuf	4456	153732	319488	524288		0
tcprcvbuf	0	316424	319488	524288		0
othersockbuf	21588	28272	319488	524288		0
dgramrcvbuf	0	8552	132096	132096		0
numothersock	14	18	120	120	0	
dcachesize	138908	172774	524288	548864		0
numfile	309	523	2500	2500	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	

numiptent	0	0	40	40	0	
202: kmemsize	2944379	6154063	10485760	10485760		0
lockedpages	0	0	128	128	0	
privvmpages	28526	66320	65536	65536	1147815	
shmpages	132	132	8192	8192	0	
dummy	0	0	0	0	0	
numproc	65	100	100	100	32	
physpages	11894	40524	0	2147483647	0	
vmguarpages	0	0	32768	32768	0	
oomguarpages	12086	40524	32768	32768	0	
numtcpsock	9	80	80	80	125130	
numflock	3	19	1000	1000	0	
numpty	0	2	10	10	0	
numsiginfo	0	66	256	256	0	
tcpsndbuf	5660	326492	319488	524288	39	
tcprcvbuf	0	329252	319488	524288	26742	
othersockbuf	196064	319444	319488	524288	12870	
dgramrcvbuf	0	34208	132096	132096	0	
numothersock	158	197	500	500	0	
dcachesize	233044	359324	524288	548864	0	
numfile	644	1071	5000	5000	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	0	0	80	80	0	
203: kmemsize	3013279	3873209	10485760	10485760		0
lockedpages	0	0	128	128	0	
privvmpages	12851	24086	65536	65536	0	
shmpages	14	1950	8192	8192	0	
dummy	0	0	0	0	0	
numproc	58	80	100	100	0	
physpages	4152	10423	0	2147483647	0	
vmguarpages	0	0	32768	32768	0	
oomguarpages	4152	10423	32768	32768	0	
numtcpsock	10	14	80	80	0	
numflock	19	21	1024	1024	0	
numpty	0	3	10	10	0	
numsiginfo	0	9	256	256	0	
tcpsndbuf	0	39632	319488	524288	0	
tcprcvbuf	0	34208	319488	524288	0	
othersockbuf	144820	164208	319488	524288	0	
dgramrcvbuf	0	8372	132096	132096	0	
numothersock	115	126	160	160	0	
dcachesize	203770	292740	524288	548864	0	
numfile	629	854	5120	5120	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	

numiptent	0	0	80	80	0	
204: kmemsize	4695132	5225788	10485760	10485760		0
lockedpages	0	0	128	128	0	
privvmpages	35727	45293	65536	65536	0	
shmpages	165	165	8192	8192	0	
dummy	0	0	0	0	0	
numproc	91	100	100	100	22	
physpages	20659	27168	0	2147483647	0	
vmguarpages	0	0	32768	32768	0	
oomguarpages	20659	27168	32768	32768	0	
numtcpsock	15	50	80	80	0	
numflock	9	32	1024	1024	0	
numpty	0	3	10	10	0	
numsiginfo	0	12	256	256	0	
tcpsndbuf	2228	133052	319488	524288	0	
tcprcvbuf	0	144440	319488	524288	0	
othersockbuf	167100	212988	319488	524288	0	
dgramrcvbuf	0	8552	132096	132096	0	
numothersock	125	146	160	160	0	
dcachesize	328902	371952	524288	548864	0	
numfile	847	1055	5120	5120	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
numiptent	0	0	80	80	0	
205: kmemsize	7738251	11894035	20971520	20971520		0
lockedpages	0	8	256	256	0	
privvmpages	64927	82390	131072	131072	0	
shmpages	91	747	8192	8192	0	
dummy	0	0	0	0	0	
numproc	131	174	200	200	6	
physpages	41791	59027	0	2147483647	0	
vmguarpages	0	0	65536	65536	0	
oomguarpages	41791	59253	65536	65536	0	
numtcpsock	79	200	200	200	783	
numflock	1	16	2048	2048	0	
numpty	0	3	15	15	0	
numsiginfo	0	114	256	256	0	
tcpsndbuf	82436	320168	319488	524288	473	
tcprcvbuf	179592	327744	319488	524288	23334	
othersockbuf	28272	319268	319488	524288	1	
dgramrcvbuf	0	132060	132096	132096	6325	
numothersock	29	66	200	200	0	
dcachesize	300202	322014	524288	548864	0	
numfile	1458	1613	10240	10240	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	
dummy	0	0	0	0	0	

numiptent	0	0	120	120	0
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