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Subject: Re: Memory  
Posted by [Hsilamot](#) on Sat, 05 May 2007 06:07:35 GMT  
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i have get rid of the problem raising the kmemsize but whold like to know what should be the best size

```
root@man:[/]  
# cat /proc/user_beancounters  
Version: 2.5
```

uid resource	held	maxheld	barrier	limit	failcnt
128: kmemsize	7099477	18527131	1342177280	1342177280	20326611
lockedpages	0	8	4501	4501	0
privvmpages	136137	180944	153471	168818	379679
shmpages	731	9848	15347	15347	0
dummy	0	0	0	0	0
numproc	123	245	2048	3192	0
physpages	51203	84320	0	2147483647	0
vmguarpages	0	0	196000	2147483647	0
oomguarpages	51203	94088	153471	2147483647	0
numtcpsock	47	216	4000	4000	0
numflock	9	70	1000	1000	0
numpty	1	3	400	400	0
numsignifo	0	88	1024	1024	0
tcpsndbuf	100080	2870928	14347059	30731059	19
tcprcvbuf	2400	521520	14347059	30731059	0
othersockbuf	39504	668112	7173529	23557529	0
dgramrcvbuf	0	120000	7173529	7173529	0
numothersock	34	96	2000	2000	0
dcachesize	727196	977248	20132038	20736000	0
numfile	1450	3751	36000	36000	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	57	110	200	200	0

```
root@azx:[/etc/sysconfig/vz-scripts]  
# vzmemcheck -v  
Output values in %
```

veid	LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
	util	commit	util	util	commit	util	commit	limit
117	0.48	10.50	1.60	0.62	20.37	4.20	20.37	22.28
128	1.99	388.96	20.74	6.63	62.96	17.24	68.27	64.88
137	1.10	10.50	21.02	6.72	20.37	12.19	20.37	22.28
140	0.34	2.35	2.31	0.96	3.17	2.42	3.17	3.17
141	0.24	2.35	1.45	0.55	0.78	1.92	0.78	3.17
142	0.24	2.35	1.00	0.53	0.78	1.90	0.78	3.17
143	0.25	2.35	1.45	0.55	0.78	1.92	0.78	3.17
148	1.24	5.25	10.36	3.31	19.78	7.81	19.78	21.69

Summary: 5.89 424.61 59.94 19.87 128.96 49.62 134.28 143.82

root@azx:[/etc/sysconfig/vz-scripts]# vzmemcheck -v -A

Output values in Mbytes

veid	LowMem util	LowMem commit	RAM util	MemSwap commit	MemSwap util	MemSwap commit	Alloc limit	Alloc	Alloc
117	1.69	36.93	16.03	19.47	636.42	131.40	636.42	696.37	
128	7.27	1367.92	214.35	214.35	1967.42	547.74	2133.55	2027.37	
137	3.39	36.93	205.70	205.70	636.42	374.03	636.42	696.37	
140	1.21	8.27	23.10	30.10	99.04	75.77	99.04	99.04	
141	0.86	8.27	14.53	17.10	24.27	60.08	24.27	99.04	
142	0.86	8.27	9.95	16.43	24.27	59.40	24.27	99.04	
143	0.86	8.27	14.48	17.09	24.27	60.05	24.27	99.04	
148	4.34	18.46	103.51	103.51	617.96	244.07	617.96	677.91	

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Summary: 20.47 1493.32 601.64 623.75 4030.08 1552.53 4196.21 4494.20  
351.00 351.00 999.00 3124.00 3124.00 3124.00 3124.00 3124.00

is the VE 128 the one with the CPANEL

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Other question, do you know if there's a way to evade the "fork: memory allocation fail" when the memory is full (i think that because the vz sees the 1 gb of ram it tries to allocate the memory, i would like to know if there's some way that the virtualz only sees the ram that has available for himself)

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