
Subject: Kmemsize - Always failing and super huge
Posted by [edeis](#) on Tue, 29 Jun 2010 05:00:35 GMT
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Is my kmemsize unusually large? I am running centos via openVZ kernel
2.6.18-194.3.1.el5.028stab069.6

It always seems to be going over the barrier and failing.

Res: kmemsize
Held: 70693474
* Maxheld: 78986195
Barrier: 78970880
Limit: 81264640
* Failcnt: 106

In every example I've seen that talks about setting kmemsize, the value is usually much smaller.
Am I doing something wrong? What is the best way to calculate the proper size for kmemsize?

```
# cat /proc/user_beancounters
```

```
Version: 2.5
```

uid	resource	held	maxheld	barrier	limit	failcnt
121:	kmemsize	61415845	78986195	78970880		81264640
	106					
	lockedpages	0	9	256	256	0
	privvmpages	334148	430906	1048576	1310720	
0						
	shmpages	7791	8159	21504	21504	
0						
	dummy	0	0	0	0	0
	numproc	184	233	240	240	0
	physpages	209933	282741	0	9223372036854775807	
0						
	vmguarpages	0	0	524288	9223372036854775807	
0						
	oomguarpages	209933	282741	524288		
9223372036854775807		0				
	numtcpsock	73	91	360	360	0
	numflock	14	32	188	206	0
	numpty	1	2	16	16	0
	numsiginfo	0	230	256	256	0
	tcpsndbuf	1278912	2473560	10731520	20971520	
0						
	tcprcvbuf	1196032	1707840	10731520	20971520	
0						
	othersockbuf	549872	994952	4504320	8388608	
0						
	dgramrcvbuf	0	21512	1048576	1048576	

0

numothersock	292	411	1440	1440	0
dcachesize	0	0	3409920	3624960	0
numfile	6363	7827	9312	9312	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	58	59	128	128	0

Subject: Re: Kmemsize - Always failing and super huge [SOLVED]

Posted by [edeis](#) on Tue, 29 Jun 2010 06:03:30 GMT

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Hey, I just discovered the command "vzsplit" it will evenly divide your machine into the appropriate amount of containers and maximize the memory. I wish someone would have told me about this one a while ago.

Thread closed!
