
Subject: Problem with RAM and swap

Posted by [nubio](#) on Thu, 21 Oct 2010 18:41:12 GMT

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Hello everybody,

I need help to understand why my containers don't swap !

[Hardware@node]# free -m

	total	used	free	shared	buffers	cached
Mem:	7957	7863	93	0	494	1627
-/+ buffers/cache:		5741	2215			
Swap:	76316	14	76301			

Memory used by a container

[Hardware@node]# vzctl exec 122 free -m

	total	used	free	shared	buffers	cached
Mem:	2048	1446	601	0	0	0
-/+ buffers/cache:		1446	601			
Swap:	4194303	0	4194303			

It doesn't swap .. and i usely have cannot allowed memory ..

[Hardware@node]# vzctl exec 122 cat /proc/user_beancounters

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
122:	kmemsize	12454306	17769132	29491200		32440320
0	lockedpages	0	8	256	256	0
	privvmpages	370196	451812	524288	524288	
2	shmpages	3547	34020	131072	131072	
0	dummy	0	0	0	0	0
	numproc	127	167	450	450	0
	physpages	118534	189254	1024	2147483647	
0	vmguarpages	0	0	524288	524288	0
	oomguarpages	118916	191761	2147483647		524288
0	numtcpsock	36	133	4500	4500	0
	numflock	12	60	270	297	0
	numpty	0	3	20	20	0
	numsiginfo	0	18	1024	1024	0

0	tcpsndbuf	632472	3914920	36864000	48384000	
0	tcprcvbuf	589824	6492384	36864000	48384000	
0	othersockbuf	247464	1004464	1126080	12646080	
0	dgramrcvbuf	0	134312	262144	262144	
0	numothersock	152	422	4500	4500	0
0	dcachesize	2473536	3032101	8847360	9732096	
	numfile	3271	4945	11250	11250	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	18	18	400	400	0

Could you help me or explain me why ?
Thanks in advance !