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Subject: Re: Fatal resource shortage: privvmpages  
Posted by [marsvin](#) on Mon, 11 Dec 2006 20:14:51 GMT  
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Thanks a lot for replying so quickly

The increased vmpages fixed the problem. The error was popping up at hardware boot btw, before I did anything at all, so there was no "before" counter.

I'm seeing a new error pop up though, numproc is listing a failcnt of 1. I have 5 processes currently running in the VPS with maxheld, barrier and limit at 65.

After toying around a bit (logging in with ssh, vim'ing some files and so on) it doesn't seem to increase.

Here's the list at boot.

By the way, is that limit set for physpages, vmguarpages and oomguarpages sane?

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
101:	kmemsize	445083	2081471	5242880	5592405	
0						
	lockedpages	0	0	32	32	0
	privvmpages	1146	146808	500000	750000	
0						
	shmpages	0	65	8192	8192	0
	dummy	0	0	0	0	0
	numproc	5	65	65	65	1
	physpages	485	1887	0	9223372036854775807	
0						
	vmguarpages	0	0	6144	9223372036854775807	
0						
	oomguarpages	485	1887	6144	9223372036854775807	
0						
	numtcpsock	1	2	80	80	0
	numflock	1	2	100	110	0
	numpty	0	0	16	16	0
	numsiginfo	0	2	256	256	0
	tcpsndbuf	0	0	319488	524288	0
	tcprcvbuf	0	0	319488	524288	0
	othersockbuf	2344	3664	132096	336896	
0						
	dgramrcvbuf	0	0	132096	132096	0
	numothersock	1	4	120	120	0
	dcachesize	0	0	1048576	1097728	0
	numfile	121	1105	2048	2048	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0

dummy	0	0	0	0	0
numiptent	10	10	128	128	0

And here it is after some action:

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
101:	kmemsize	433380	2081471	5242880	5592405	
0						
	lockedpages	0	0	32	32	0
	privvmpages	1147	146808	500000	750000	
0						
	shmpages	0	656	8192	8192	0
	dummy	0	0	0	0	0
	numproc	5	65	65	65	1
	physpages	486	1975	0	9223372036854775807	
0						
	vmguarpages	0	0	6144	9223372036854775807	
0						
	oomguarpages	486	1975	6144	9223372036854775807	
0						
	numtcpsock	1	2	80	80	0
	numflock	1	2	100	110	0
	numpty	0	1	16	16	0
	numsiginfo	0	2	256	256	0
	tcpsndbuf	0	9376	319488	524288	0
	tcprcvbuf	0	4392	319488	524288	0
	othersockbuf	2344	7920	132096	336896	
0						
	dgramrcvbuf	0	8488	132096	132096	0
	numothersock	1	6	120	120	0
	dcachesize	0	0	1048576	1097728	0
	numfile	119	1105	2048	2048	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	10	10	128	128	0