Subject: VM memory settings
Posted by tradmin on Wed, 04 Nov 2009 21:58:28 GMT
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Hello

I ran into an issue where the VM errors out with
-bash: fork: Cannot allocate memory

From this output it looks like it's running out of memory or the host is limiting the amount of ram that can be used.

This is a 4GB server I'd like to be able to give this VM 3GB.

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
11:	kmemsize	12194045	13709435	12752512	12752512	181
	lockedpages	0	0	256	256	3
	privvmpages	156501	314456	786432	786432	841
	shmpages	6917	17130	21504	21504	0
	dummy	0	0	0	0	0
	numproc	238	240	240	240	74707
	physpages	85310	223632	0	2147483647	0
	vmguarpages	0	0	786432	786432	0
	oomguarpages	85438	223761	786432	786432	0
	numtcpsock	151	360	360	360	26568
	numflock	4	8	188	206	0
	numpty	6	11	16	16	0
	numsiginfo	0	55	256	256	0
	tcpsndbuf	232544	1480232	1720320	2703360	0
	tcprcvbuf	213304	1711952	1720320	2703360	0
	othersockbuf	205692	679108	1126080	2097152	0
	dgramrcvbuf	0	25140	262144	262144	0
	numothersock	196	400	400	720	1559
	dcachesize	333161	499043	3409920	3624960	0
	numfile	4764	5293	9312	9312	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	14	14	128	128	0

VEID CPUUNITS
---
0 1000
10 50000
11 250000
Current CPU utilization: 301000

Power of the node: 613169

Thanks for the help

Subject: Re: VM memory settings
Posted by tradmin on Wed, 04 Nov 2009 22:00:07 GMT
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Better formatting http://pastie.org/684002

Subject: Re: VM memory settings
Posted by maratrus on Fri, 06 Nov 2009 11:43:52 GMT
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Hi,

I would recommend you to pay attention at the last column.
The constantly increasing failcounters indicate that your VE has lack of resources.
You can read wiki pages about managing them
http://wiki.openvz.org/UBC
