Subject: Memory problem, please help
Posted by pennywize on Thu, 01 Feb 2007 20:02:28 GMT
View Forum Message <> Reply to Message

Hello,

I am running openVZ at a 256MB dedicated server.
I want install an apache2 VE with 128MB RAM and an SQL Server at 2nd VE with 64MB RAM memory.
OK, back to point. VE #101 contains apache2 installment (Debian Sarge). Always appears in logs a message like this
(12)Cannot allocate memory: apr_thread_create: unable to create worker thread

My setup for that VE is this:

vzctl set 101 --privvmpages 32768:34000 --save

user_beancounters looks like this:

cat /proc/user_beancounters
Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
101:	kmemsize	390061	999538	2752512	2936012	0
	lockedpages	0	0	32	32	0
	privvmpages	1062	32917	32768	34000	13
	shmpages	0	52	8192	8192	0
	dummy	0	0	0	0	0
	numproc	7	29	65	65	0
	physpages	692	1492	0	2147483647	0
	vmguarpages	0	0	6144	2147483647	0
	oomguarpages	692	1492	6144	2147483647	0
	numtcpsock	1	2	80	80	0
	numflock	1	2	100	110	0
	numpty	1	1	16	16	0
	numsiginfo	0	2	256	256	0
	tcpsndbuf	0	0	319488	524288	0
	tcprcvbuf	0	0	319488	524288	0
	othersockbuf	2232	2928	132096	336896	0
	dgramrcvbuf	0	0	132096	132096	0
	numothersock	1	4	120	120	0
	dcachesize	0	0	1048576	1097728	0
	numfile	133	592	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	

Its environment is a Debian Etch with Kernel 2.6.18-1-openvz

Memory: 256. I know it isn´t very much but it is there for testing purposes only. My boss want see openVZ in action and may to find an alternative to chroot areas and/or Xen.
Xen is running fine without probs with these memory settings.
The SQL VE should have 64MB RAM. Any hints about how to set up proper entries for RAM to each VE?

Many thanks for your help

Jasmin

Subject: Re: Memory problem, please help
Posted by pennywize on Fri, 02 Feb 2007 18:25:43 GMT
View Forum Message <> Reply to Message

Many thanks for your great "support".
No worries, I won´t pestering again this community with my question.
I´ll try again with different settings, in case it doesn´t work, there´s a nice OS reinstall option and f*ck off OVZ.

Subject: Re: Memory problem, please help
Posted by victorskl on Sun, 04 Feb 2007 05:27:34 GMT
View Forum Message <> Reply to Message

no patient at all..
look around vmguarpages and read the wiki bean_counter manual.. you have to increase it as well. But just <256MB, u should try those low resource consumption like lighthttpd..

Subject: Re: Memory problem, please help
Posted by Vasily Tarasov on Mon, 05 Feb 2007 10:52:04 GMT
View Forum Message <> Reply to Message

Hello,

Don't be so severe with OpenVZ community . We try to help all persons as soon as possible, but occasionally time presure is rather great. Moreover your initial post was on friday, and most of people don't work on weekends .

As concerns the problem. You should increase pivvmpages limit. Privvmpages is not a RAM. It is a limit for allocated memory! Most of applications allocate huge amounts of memory but use only 20% of it. You can get more information about it at
http://wiki.openvz.org/UBC_secondary_parameters

HTH,
Vasily.
