

Hi,

There is lots of information available for how to split resources between containers for a given hardware node and how to use user\_beancounter to monitor requirements but I can't find much about recommended configs for different types of containers.

I've just tried to set up Apache/MySQL/PHP on a external hosted VZ for which the UBC values can't be changed and am getting lots of kmemsize failcounts. If I reduce the number of Apache processes I then get lots of tcpsndbuf failcounts.

Does anyone have any recommendations for what is feasible for given UBC values? If Apache/MySQL/PHP is not possible on the VZ I've got I'll give up now and buy one elsewhere.

I've included my user\_beancounters output below.

Thanks,

Gabriel

---

Version: 2.5

resource	held	maxheld	barrier	limit	failcnt
kmemsize	5131983	5175590	31457280		34603008
1130					
lockedpages	0	0	512	512	0
privvmpages	54580	54687	1048576		1153433
0					
shmpages	658	658	32768	32768	0
dummy	0	0	9223372036854775807	9223372036854775807	
0					
numproc	34	34	128	128	0
physpages	16527	16505	2147483647		2147483647
0					
vmguarpages	0	0	262144	2147483647	
0					
oomguarpages	16527	16505	9223372036854775807		
2147483647	0				
numtcpsock	7	7	720	720	0
numflock	4	4	376	413	0
numpty	1	1	32	32	0
numsiginfo	0	1	512	512	0
tcpsndbuf	122528	122528	3440640		5406720
0					

0	tcprcvbuf	114688	114688	3440640	5406720	
0	othersockbuf	6984	6984	2252160	4194304	
	dgramrcvbuf	0	0	524288	576716	0
	numothersock	5	5	720	720	0
0	dcachesize	376160	379916	5242880	5767168	
	numfile	1490	1494	8192	8192	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	numiptent	18	18	200	205	0

---

Subject: Re: Minimum UBC Workable Settings For Templates

Posted by [kir](#) on Thu, 22 Dec 2011 12:54:24 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

[http://wiki.openvz.org/Resource\\_shortage](http://wiki.openvz.org/Resource_shortage)

or yet better

<http://wiki.openvz.org/VSwap>

---



---

Subject: Re: Minimum UBC Workable Settings For Templates

Posted by [gabrielharrison](#) on Thu, 22 Dec 2011 17:00:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I was looking recommended minimum for typical templates.

For example a LAMP template has proved to be too much for the 64bit VZs with only 30Mb of kmemsize at 1and1.co.uk but there was no way to know this up front.

I've now emailed several hosting providers to ask for their UBC values but without recommended minimums its difficult to choose a provider.

Gabriel

---



---

Subject: Re: Minimum UBC Workable Settings For Templates

Posted by [Ales](#) on Thu, 22 Dec 2011 22:36:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

I think what you're asking is impossible to specify. You can take a template, happily run Apache

with a small static site and have it work well for the next five years. And you could take the same template, start up Apache & Tomcat and max resources out just by starting the services.

I guess one could only come up with some general numbers through methodical testing, ie. one could specify that one needs at least this much resources to:

- start up apache with php and a mysql server on SL 6 stock template without any visitors/users
- start up the same config with stock Wordpress added, without any visitors
- start up the same config and serve 10 concurrent Wordpress visitors
- etc. etc.

But then you take that stock Wordpress, install a custom theme, a plugin or two, add one or two .js scripts and... kaboom. Your resource needs are completely different.

Same goes for OS settings. Give me a stock openvz SL6 template to start with and about 20 seconds and a couple of conf file edits later, my VPS will use a completely different amount of resources than it used to.

So, my advice would be - choose a provider that can offer you good support, clear line of resource upgrades if your site grows, etc. That's pretty much all you can do.

Then set everything up as good as you can, test your OS template and code and see how much resources you really need.

---