
Subject: Problems with plesk + openvz
Posted by [aseques](#) on Fri, 09 Nov 2007 08:33:05 GMT
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Good morning

I've got a plesk installation on a openvz as the single VeID in the machine (vzsplit -n 1).
The box has 3.5 Gb of memory, and is a 2000GHz Dual Core.
For around of 200 domains the machine should be fine i guess.
But, all the time we are being left with no memory.
Almost every day privvmpages break the counter in user_beancounters.
And after restarting apache2 everything goes fine.

It's a problem with plesk eating all the memory, apache2-mpm-prefork,
openvz memory management or what?

Thanks in advance

Subject: Re: Problems with plesk + openvz
Posted by [porridge](#) on Fri, 09 Nov 2007 10:18:30 GMT
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On Fri, Nov 09, 2007 at 09:33:05AM +0100, Joan wrote:
> It's a problem with plesk eating all the memory, apache2-mpm-prefork,
> openvz memory management or what?

Probably PHP.

--
Marcin Owsiany <marcin@owsiany.pl> <http://marcin.owsiany.pl/>
GnuPG: 1024D/60F41216 FE67 DA2D 0ACA FC5E 3F75 D6F6 3A0D 8AA0 60F4 1216

"Every program in development at MIT expands until it can read mail."
-- Unknown

Subject: Re: Problems with plesk + openvz
Posted by [aseques](#) on Fri, 09 Nov 2007 12:06:31 GMT
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Well, 3.5Gb should be a fair amount of memory for that amount of domains as I experienced with physical machines.
I would like to know what approaches have taken the people experiecing similar issues...

2007/11/9, Marcin Owsiany <marcin@owsiany.pl>:
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Subject: Re: Problems with plesk + openvz
Posted by [porridge](#) on Fri, 09 Nov 2007 22:25:36 GMT
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On Fri, Nov 09, 2007 at 01:06:31PM +0100, Joan wrote:
> Well, 3.5Gb should be a fair amount of memory for that amount of
> domains as I experienced with physical machines.
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Limit MaxClients, MinSpareServers, MaxSpareServers and most importantly
MaxRequestsPerChild. This way PHP will not have much time to leak too
much memory, which should keep the usage down a bit.

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-- Unknown

Subject: Re: Problems with plesk + openvz
Posted by [aseques](#) on Sat, 10 Nov 2007 00:25:44 GMT
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2007/11/9, Marcin Owsiany <marcin@owsiany.pl>:
> On Fri, Nov 09, 2007 at 01:06:31PM +0100, Joan wrote:
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>
I tuned the following Timeout, MaxKeepAliveRequests, KeepAliveTimeout.
And also the ones that you've told, specially MaxClients and
MaxRequestsPerChild which seem to be the most important ones.

Will see how it goes for the next days!

Cheers

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> -- Unknown

Subject: Re: Problems with plesk + openvz
Posted by [aseques](#) on Sun, 11 Nov 2007 17:50:49 GMT
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2007/11/10, Joan <aseques@gmail.com>:

> 2007/11/9, Marcin Owsiany <marcin@owsiany.pl>:
> > On Fri, Nov 09, 2007 at 01:06:31PM +0100, Joan wrote:
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> Will see how it goes for the next days!
Too bad, nothing changes, memory keeps increasing everytime until
everything crashes silently, thanks to the alarms everytime it happens
I can reboot the services, but it's not normal...
Tomorrow I'll compare the parameters (ps, lsof, netsat) in the critical
moments with the ones in normal time and see.

Cheers

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> > Marcin Owsiany <marcin@owsiany.pl> <http://marcin.owsiany.pl/>
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Subject: Re: Problems with plesk + openvz
Posted by [aseques](#) on Fri, 16 Nov 2007 10:38:43 GMT
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>
> 2007/11/10, Joan <aseques@gmail.com>:
> > 2007/11/9, Marcin Owsiany <marcin@owsiany.pl>:
> > > On Fri, Nov 09, 2007 at 01:06:31PM +0100, Joan wrote:
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> > moments with the ones in normal time and see.

Ok, finally got time to check

After some time of restarting the whole VeID lsof brings me some
information:

lsof | wc -l -> Has a value of 8560

In the moment where it has almost no memory:
wc -l lsof_with_problems -> The value is 30006

Analyzing the file a bit further I can see that out of 30006 open files, the owner of 28266 is apache2

I would guess that somehow apache is not closing the files, either for memory problems with openvz, or maybe because the non-threading configuration that can slowdown the apache process.
Any clue?

Shall I go to ask to apache mailing list? Or could it somehow be related to openVZ?

Cheers

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> > >
> > > "Every program in development at MIT expands until it can read mail."
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> > > Unknown

Subject: Re: Problems with plesk + openvz
Posted by [Kirill Korotaev](#) on Sun, 18 Nov 2007 09:38:26 GMT
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Joan wrote:

> 2007/11/10, Joan <aseques@gmail.com <mailto:aseques@gmail.com>>:
> > 2007/11/9, Marcin Owsiany <marcin@owsiany.pl
> > <mailto:marcin@owsiany.pl>>:
> > > On Fri, Nov 09, 2007 at 01:06:31PM +0100, Joan wrote:
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 > configuration that can slowdown the apache process.
 > Any clue?
 >
 > Shall I go to ask to apache mailing list? Or could it somehow be related
 > to openVZ?

Nope, it looks purely like apache problem.

You can also check the following:

- what are these files? ls -la /proc/pid/fds
 i.e. it can be sockets or files. what are they?
 `netstat -natp` output can be helpful as well
 - plz post /proc/user_beancounters output.
 it always helps to analyze the resource shortage problems.
 - what does apache say in the log when problem begin?
- you can also ask Plesk support if issue is related to Plesk product.

Thanks,
 Kirill