Subject: Unable to compile inside VPS
Posted by david.mezquiriz on Wed, 26 Sep 2007 07:43:53 GMT
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Hi all,

I'm getting started with openvz so I'm a bit lost with it, so I hope you can help me.

This is the situation:
I create an VE with centos 4.4.
The hardware node has this kernel "2.6.18-8.1.8.el5.028stab039.1" and it's a centos 4.5 server.

The problem is the following:

I created successfully the VE but unfortunatelly I tried to compile a tar.gz file that I need but I don't have any gcc compiler inside the VE. I found out that inside the yum configuration file there is a restriction on it, glib is excluded from any installation so I don't want to remove it from it.

I know that there is a devel-ce4 package built by Swsoft which can be installed into a VE based on Virtuozzo in order to allow gcc compiler into this VE, but I don't find any package similar to this for openvz.

I would like to ask you if some of you either has been able to compile inside a VE or has been able to build a template like that.

thanks in advance

Best Regards,

David

Subject: Re: Unable to compile inside VPS
Posted by dev on Wed, 26 Sep 2007 08:01:03 GMT
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> can help me.
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> tar.gz file that I need but I don't have any gcc compiler inside the VE.
> I found out that inside the yum configuration file there is a
> restriction on it, glib is excluded from any installation so I don't
> want to remove it from it.

what restriction do you mean?
all you need is to do:
yum install gcc

> I know that there is a devel-ce4 package built by Swsoft which can be
> installed into a VE based on Virtuozzo in order to allow gcc compiler
> into this VE, but I don't find any package similar to this for openvz.

devel package just include binutils/gcc and some other devel rpms.
the installation is still done via yum (in case of EZ templates).

> I would like to ask you if some of you either has been able to compile
> inside a VE or has been able to build a template like that.

after you have installed gcc inside VE, you can create a template
cache from this VE. template cache can be used later to create new
VEs already with preinstalled packages you want (in your case -devel).

Thanks,
Kirill

Subject: Re: Unable to compile inside VPS
Posted by david.mezquiriz on Wed, 26 Sep 2007 11:01:11 GMT
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Hi all,

It's solved the problem,

there was an error on my yum.conf file which had this line on it
"exclude=glib*" and so that I wasn't able to install with you any gcc
package. After removing this package everything went ok.

Thanks a lot for your help,

David

>
>> Hi Kirill,
>>
>> No problem, my VE was based on centos 4.5
>>
>> If I do a
>> # vzpkgls
>> centos-4-i386-minimal
>> centos-4-i386-default
>>
>> It was using the second one.
>>
>> I think someone else put this line into yum.conf by error, I'm not the
>> only person who manipulates this VE, and we have been using VIRTUOZZO
>> for a couple of years or so and we had to put this line into yum.conf in
>> order to get yum application to run. So I think thats what happened, by
>> similarity someone put this line into it. After the conversation with
>> you I removee this line from yum.conf and I was able to do a "yum
>> install gcc" and the VE seems to run ok.
>>
>>
>> Regards,
>> David
>>

>>
>>
>>> you are welcome!
>>> so what was VE based on? just out of curiosity...
>>>
>>> Thanks,
>>> Kirill
>>>
>>>

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>>>
>>>
>>>> Hi Kirill,
>>>>
>>>> Ups...sorry, so I might do a mistake with this template, I'm going to
>>>> create again this VPS with templates from download.openvz.org and let
>>>> you know if everything goes ok..
>>>>
>>>>

>>>> Thanks for your help.
>>>> David
>>>>

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>>>>> What VE template do you use? where did you take it?
>>>>> I've checked centos-4 precached teamplates from download.openvz.org
>>>>> and they have no such issue. They have no yum installed in VE at all :@)
>>>>>
>>>>> Thanks,
>>>>> Kirill
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>>>>>
>>>>>> Hi Kirill,
>>>>>>
>>>>>> Thanks for your answered,
>>>>>>
>>>>>> yes, of course I tried to do a "yum install gcc" on my VPS without any
>>>>>> success because this is the restriction I mentioned,
>>>>>>
>>>>>> if I do a "cat" command look at the last line, I didn't add it, so I
>>>>>> assumed it was a openvz restriction, because I know for sure that
>>>>>> Virtuozzo put this restriction into yum.conf so that I supposed Openvz
>>>>>> did the same, and my doubt is the following, may I remove "exclude=glib*
>>>>>>
>>>>>>
>>>>>>> from yum.conf file?:
>>>>>
>>>>>
>>>>>
>>>>>> ##
>>>>>> # cat /etc/yum.conf
>>>>>> [main]
>>>>>> cachedir=/var/cache/yum
>>>>>> debuglevel=2
>>>>>> logfile=/var/log/yum.log
>>>>>> pkgpolicy=newest
>>>>>> installonlypkgs=kernel kernel-smp kernel-devel kernel-smp-devel
>>>>>> kernel-largesmp kernel-largesmp-devel kernel-hugemem kernel-hugemem-devel
>>>>>> distroverpkg=centos-release

>>>>>> tolerant=1
>>>>>> exactarch=1
>>>>>> retries=20
>>>>>> obsoletes=1
>>>>>> gpgcheck=1
>>>>>> plugins=1
>>>>>>
>>>>>> # PUT YOUR REPOS HERE OR IN separate files named file.repo
>>>>>> # in /etc/yum.repos.d
>>>>>> exclude=glib*
>>>>>> ##
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>>>>>>
>>>>>> Regards,
>>>>>> David
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>>>>>>> Kirill

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