Subject: Patch to turn a centos-4 metadata into a centos-5 version
Posted by Chris Turan on Mon, 24 Dec 2007 11:46:35 GMT
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I've recently put together this patch to convert a vanilla centos-4
metadata into one for centos-5. Template works flawlessly for me.

Instructions to apply the patch:
1) wget
http://download.openvz.org/template/metadata/centos-4/src/vztmpl-centos-4.src.tar.bz2
2) tar xvjf vztmpl-centos-4.src.tar.bz2
3) cd centos-4
4) patch -p1 < /path/to/attached/centos-5-metadata.diff
5) yum install createrepo
6) make clean
7) make rpms

If your arch is i386, the metadata rpm should now be located in:
/usr/src/redhat/RPMS/i386/vztmpl-centos-5-2.0-2.i386.rpm

Notes:
- "kernel = 2.6.18" is needed to fix the "Error: initscripts conflicts
with kernel < 2.6.12"
- udevd must be disabled when the vps starts up

I'd very much be interested in seeing this become an official metadata
template on openvz.org. I'd like to get centos-5 out of the user
contrib area.

-Chris

File Attachments
1) centos-5-metadata.diff, downloaded 2167 times

Subject: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by khorenko on Mon, 24 Dec 2007 13:14:17 GMT
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Hello Chris,

sorry, and could you please post the patch itself?

--
Konstantin.

Update:
Sorry, i forgot that forum strips some attachments. Found it, thank you.

Subject: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by Chris Turan on Sun, 06 Jan 2008 04:39:47 GMT
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Has anyone had any luck with template I provided earlier? A copy of my
earlier e-mail is below.

-Chris

Chris Turan wrote:
> I've recently put together this patch to convert a vanilla centos-4
> metadata into one for centos-5. Template works flawlessly for me.
>
> Instructions to apply the patch:
> 1) wget
> http://download.openvz.org/template/metadata/centos-4/src/vztmpl-centos-4.src.tar.bz2
>
> 2) tar xvjf vztmpl-centos-4.src.tar.bz2
> 3) cd centos-4
> 4) patch -p1 < /path/to/attached/centos-5-metadata.diff
> 5) yum install createrepo
> 6) make clean
> 7) make rpms
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> If your arch is i386, the metadata rpm should now be located in:
> /usr/src/redhat/RPMS/i386/vztmpl-centos-5-2.0-2.i386.rpm
>
>
> Notes:
> - "kernel = 2.6.18" is needed to fix the "Error: initscripts conflicts
> with kernel < 2.6.12"
> - udevd must be disabled when the vps starts up
>
>
> I'd very much be interested in seeing this become an official metadata
> template on openvz.org. I'd like to get centos-5 out of the user
> contrib area.
>
> -Chris

Subject: Re: Patch to turn a centos-4 metadata into a centos-5 version

Posted by Chris Turan on Tue, 08 Jan 2008 10:12:50 GMT
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This is an updated version of my previous diff. I missed documenting
a step in the first version. This caused an error in the build process.

A binary and the diff are provided at:
http://www.neonhost.com/openvz/

This patch to convert a vanilla centos-4 metadata into one for centos-5.

Instructions to apply the patch:
1. mkdir /tmp/openvz
2. cd /tmp/openvz
3. wget
http://download.openvz.org/template/metadata/centos-4/src/vztmpl-centos-4.src.tar.bz2
4. wget http://www.neonhost.com/openvz/centos-5-metadata-v2.diff
5. tar xvjf vztmpl-centos-4.src.tar.bz2
6. mv centos-4 centos-5
7. cd centos-5
8. patch -p1 < ../centos-5-metadata-v2.diff
9. yum install createrepo
10. make clean
11. make rpms

If your arch is i386, the metadata rpm should now be located in:
/usr/src/redhat/RPMS/i386/vztmpl-centos-5-2.0-2.i386.rpm

Notes:
- "kernel = 2.6.18" is needed to fix the "Error: initscripts conflicts
with kernel < 2.6.12"
- udevd must be disabled when the vps starts up

I'd very much be interested in seeing this become an official
metadata template on openvz.org. I'd like to get centos-5 out of the
user contrib area.

Subject: Re: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by rmello on Thu, 10 Jan 2008 00:38:04 GMT
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I don't know much about templates, but I'd like to create a new VE
with CentOS 5.

Would you be so kind as to guide me to the appropriate documentation
that tells me what to do with your patch so I can accomplish that

goal?

Thanks in advance,

Roberto

On Jan 8, 2008 3:12 AM, Chris Turan <lists@christuran.com> wrote:
> This is an updated version of my previous diff. I missed documenting
> a step in the first version. This caused an error in the build process.
>
> A binary and the diff are provided at:
> http://www.neonhost.com/openvz/
>
> This patch to convert a vanilla centos-4 metadata into one for centos-5.

Subject: Re: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by Chris Turan on Thu, 10 Jan 2008 00:58:40 GMT
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Roberto Mello wrote:
> I don't know much about templates, but I'd like to create a new VE
> with CentOS 5.
>
> Would you be so kind as to guide me to the appropriate documentation
> that tells me what to do with your patch so I can accomplish that
> goal?

Hi Roberto,

You can either do one of the following:

1) Download the pre-built metadata rpm I created from
http://www.neonhost.com/openvz/vztmpl-centos-5-2.0-2.i386.rpm

- or -

2) Create the metadata rpm using the patch I provided. Follow the instructions at http://www.neonhost.com/openvz/ Copy and paste every line from those numbered steps.

Afterwards, you'll have to install the template on your host system, run vzpkgcache, and run vzctl create but there already some very good documentation on the openvz.org website. The OpenVZ User's Manual is a good place to start.

-Chris

Subject: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by bcomisky on Sat, 12 Jan 2008 14:59:15 GMT
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Chris Turan wrote:
> This is an updated version of my previous diff. I missed documenting
> a step in the first version. This caused an error in the build process.
>
> A binary and the diff are provided at:
> http://www.neonhost.com/openvz/
>
[snip]
> I'd very much be interested in seeing this become an official
> metadata template on openvz.org. I'd like to get centos-5 out of the
> user contrib area.

Chris,

FYI your patch worked great for me on x86_64.

After following your instructions, I used the instructions at the link
below to get vzpkgcache working for Centos5 x86_64 (I'm assuming they
are still required for x86_64):

http://http://wiki.openvz.org/Install_OpenVZ_on_a_x86_64_system_Centos-Fedora

I had to make one additional change (replacing vzrpm44 shared library
below) not documented on this page because I was getting a "wrong ELF
class: ELFCLASS32" error:
cp /usr/lib64/python2.4/site-packages/rpm/_rpmmodule.so
/usr/share/vzpkgtools/vzrpm44/lib/python2.4/site-packages/rpm

I had already removed a related vzrpm43 library as per the
instructions mentioned above:
rm /usr/share/vzpkgtools/vzrpm43/lib/python2.4/site-packages/rpmmodule.so

thanks for the patch to get me started!
Bill

--
Bill Comisky
bcomisky@pobox.com

Subject: Re: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by Chris Turan on Mon, 14 Jan 2008 16:08:44 GMT
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Bill Comisky wrote:
> FYI your patch worked great for me on x86_64.

Excellent! I have not had the opportunity to try it out on a x86_64 system yet. My own openvz systems are i386.

> After following your instructions, I used the instructions at the link
> below to get vzpkgcache working for Centos5 x86_64 (I'm assuming they
> are still required for x86_64):

Yes, that is a known issue. I'm not sure of the specifics of why vzrpm can't use a common repository but the workaround is to do it on a per-ve basis. Not sure what they estimated fix time for the issue is either.

> thanks for the patch to get me started!

Keep us/me posted. Would definitely like to hear some feedback. If you have patches for it on an x86_64 system, would you send them my way?

-Chris

Subject: Re: Re: Patch to turn a centos-4 metadata into a centos-5 version
Posted by rmello on Mon, 14 Jan 2008 16:30:43 GMT
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On Jan 9, 2008 5:58 PM, Chris Turan <lists@christuran.com> wrote:
>
> Afterwards, you'll have to install the template on your host system, run
> vzpkgcache, and run vzctl create but there already some very good

Running vzpkgcache was the missing bit of information for me. Thanks a lot for the patch. Worked great for me!

-Roberto
