Subject: Fedora Core 6 ready to use template?
Posted by Jan Tomasek on Tue, 10 Apr 2007 14:34:35 GMT
View Forum Message <> Reply to Message

Hello,

one of my users asked me for VE with Fedora Core 6 installed. It is't
part of precreated packages:
 http://download.openvz.org/template/precreated/

Is precreated template of this system somewhere else?

Thanks
--

Jan Tomasek aka Semik
http://www.tomasek.cz/

Subject: Re: Fedora Core 6 ready to use template?
Posted by Vasily Tarasov on Thu, 12 Apr 2007 08:39:39 GMT
View Forum Message <> Reply to Message

Hello,

There is no precreated template cache for FC6 at the moment at
openvz.org. Probably somebody from OpenVZ users has created it, but I
haven't heard about it.

I guess, you can install FC5 precreated template cache, create a VE
based on this template, then upgrade VE up to FC6 from inside VE using
usual means (up2date, yum). After that clean VE from needless
information (network settings, users, ...) and create a tar.gz archive
of VE - it'll be a template cache for FC6.

HTH,
Vasily

Jan Tomasek wrote:
> Hello,
>
> one of my users asked me for VE with Fedora Core 6 installed. It is't
> part of precreated packages:
> http://download.openvz.org/template/precreated/
>
> Is precreated template of this system somewhere else?
>
> Thanks

>
>
> ---------- ----------
>

Subject: Re: Fedora Core 6 ready to use template?
Posted by mhw on Fri, 13 Apr 2007 14:02:36 GMT
View Forum Message <> Reply to Message

On Thu, 2007-04-12 at 12:39 +0400, Vasily Tarasov wrote:
> Hello,
>
> There is no precreated template cache for FC6 at the moment at
> openvz.org. Probably somebody from OpenVZ users has created it, but I
> haven't heard about it.

> I guess, you can install FC5 precreated template cache, create a VE
> based on this template, then upgrade VE up to FC6 from inside VE using
> usual means (up2date, yum). After that clean VE from needless
> information (network settings, users, ...) and create a tar.gz archive
> of VE - it'll be a template cache for FC6.

I was able to replicate the vz/template/fedora/5 directory over to vz/template/fedora/6 and then modify the .../i386/conf/yum.conf file appropriately (just change all the instances of 5 to 6). I was then able to use vzcachepkg to create and manage the templates. I've got several VE's running based on that template now. It would be nice if someone could package this up and add it to the template repositories. This one is not to terribly hard to create.

OTOH... I've just been working with CentOS 5. It's a friggen nightmare. There's a "conflicts with kernel < 2.6.12" built into the initscripts rpm that's hosing everything and I've been totally unable to build a centos-5 template. Even adding the kernel package to the package lists doesn't help (is it excluded somewhere, somehow).

Even updating from CentOS 4 to CentOS 5 isn't working. The conflict exists if it doesn't find a kernel package it likes (in this case it doesn't even exist). You can install the kernel package (which can be removed later, if you care) and then vzyum will update a bunch of packages, including initscripts, and update even more when you run a final vzyum update after the vzyum install. But the resulting VE in non functional. Trying to enter the running VE, I get a "Unable to open pty: No such file or directory". No joy either way.

Really strange, since they've got an RHEL 5 kernel on the OpenVZ site. No templates for VE's, though. If CentOS 5 won't build into a template,

I would guess RHEL 5 is going to be the same trouble.

CentOS 5 was just released yesterday and the OpenVZ team doesn't even
have an FC6 template in the repositories yet, so I'm not holding my
breath.

> HTH,
> Vasily

Mike

> Jan Tomasek wrote:
> > Hello,
> >
> > one of my users asked me for VE with Fedora Core 6 installed. It is't
> > part of precreated packages:
> > http://download.openvz.org/template/precreated/
> >
> > Is precreated template of this system somewhere else?
> >
> > Thanks
> >
> >
> > ---------- ----------
> >
--
Michael H. Warfield (AI4NB) | (770) 985-6132 | mhw@WittsEnd.com
  /\/\|=mhw=|\/\/ | (678) 463-0932 | http://www.wittsend.com/mhw/
  NIC whois: MHW9 | An optimist believes we live in the best of all
PGP Key: 0xDF1DD471 | possible worlds. A pessimist is sure of it!

Subject: Re: Fedora Core 6 ready to use template?
Posted by dev on Fri, 13 Apr 2007 16:07:08 GMT
View Forum Message <> Reply to Message

> Really strange, since they've got an RHEL 5 kernel on the OpenVZ site.
> No templates for VE's, though. If CentOS 5 won't build into a template,
> I would guess RHEL 5 is going to be the same trouble.
>
> CentOS 5 was just released yesterday and the OpenVZ team doesn't even
> have an FC6 template in the repositories yet, so I'm not holding my
> breath.

I think both FC6 and CentOS5 templates will be ready next week.

Thanks,
Kirill

Subject: Re: Fedora Core 6 ready to use template?
Posted by Peter Hackl on Fri, 13 Apr 2007 16:14:42 GMT
View Forum Message <> Reply to Message

> On Thu, 2007-04-12 at 12:39 +0400, Vasily Tarasov wrote:
>> Hello,
>>
>> There is no precreated template cache for FC6 at the moment at
>> openvz.org. Probably somebody from OpenVZ users has created it, but I
>> haven't heard about it.
>
>> I guess, you can install FC5 precreated template cache, create a VE
>> based on this template, then upgrade VE up to FC6 from inside VE using
>> usual means (up2date, yum). After that clean VE from needless
>> information (network settings, users, ...) and create a tar.gz archive
>> of VE - it'll be a template cache for FC6.
>
> I was able to replicate the vz/template/fedora/5 directory over to
> vz/template/fedora/6 and then modify the .../i386/conf/yum.conf file
> appropriately (just change all the instances of 5 to 6). I was then
> able to use vzcachepkg to create and manage the templates. I've got
> several VE's running based on that template now. It would be nice if
> someone could package this up and add it to the template repositories.
> This one is not to terribly hard to create.
>
> OTOH... I've just been working with CentOS 5. It's a friggen
> nightmare. There's a "conflicts with kernel < 2.6.12" built into the
> initscripts rpm that's hosing everything and I've been totally unable to
> build a centos-5 template. Even adding the kernel package to the
> package lists doesn't help (is it excluded somewhere, somehow).
>
> Even updating from CentOS 4 to CentOS 5 isn't working. The conflict
> exists if it doesn't find a kernel package it likes (in this case it
> doesn't even exist). You can install the kernel package (which can be
> removed later, if you care) and then vzyum will update a bunch of
> packages, including initscripts, and update even more when you run a
> final vzyum update after the vzyum install. But the resulting VE in non
> functional. Trying to enter the running VE, I get a "Unable to open
> pty: No such file or directory". No joy either way.
>

i tried yesterday the same and got centos5 ve under centos5 running.
what i did:
1) fetched precreated centos-4-i386-default.tar.gz and installed
2) updated ve to centos 4.4 (yum update)
3) cleaned yum cache, fetched from centos5:
  -> centos-release-5-0.0.el5.centos.2.i386.rpm
  -> centos-release-notes-5.0.0-2.i386.rpm
installed them (see upgrading centos4 to centos5 on wiki.centos.org)

4) tried yum upgrade, which failed because of konflikt of httpd and
initscripts
5) fetched initscripts from centos5
  -> initscripts-8.45.14.EL-1.el5.centos.1.i386.rpm
and updated them rpm -Fvh --force
initscripts-8.45.14.EL-1.el5.centos.1.i386.rpm
force is needed becaus of complaining wrong kernel
6) yum upgrade

vzctl stop & start,
vzctl enter failed with complaining about missing devices (centos5 is
using udev !)
vzctl stop and edited /etc/rc.sysinit, commented out start_udev and copied
missing
devices from a default centos4 ve.

i haven't checked if everything else is ok, but primary goal was getting
centos 6 with apache, php and mysql vor webserver running.

i will test the ve over the weekend and will report again.

peter

> Really strange, since they've got an RHEL 5 kernel on the OpenVZ site.
> No templates for VE's, though. If CentOS 5 won't build into a template,
> I would guess RHEL 5 is going to be the same trouble.
>
> CentOS 5 was just released yesterday and the OpenVZ team doesn't even
> have an FC6 template in the repositories yet, so I'm not holding my
> breath.
>
>> HTH,
>> Vasily
>
> Mike
>
>> Jan Tomasek wrote:
>> > Hello,
>> >
>> > one of my users asked me for VE with Fedora Core 6 installed. It is't
>> > part of precreated packages:
>> > http://download.openvz.org/template/precreated/
>> >
>> > Is precreated template of this system somewhere else?
>> >
>> > Thanks
>> >

Subject: Re: Fedora Core 6 ready to use template?
Posted by kir on Fri, 13 Apr 2007 16:36:19 GMT
View Forum Message <> Reply to Message

Kirill Korotaev wrote:
>> Really strange, since they've got an RHEL 5 kernel on the OpenVZ site.
>> No templates for VE's, though. If CentOS 5 won't build into a template,
>> I would guess RHEL 5 is going to be the same trouble.
>>
>> CentOS 5 was just released yesterday and the OpenVZ team doesn't even
>> have an FC6 template in the repositories yet, so I'm not holding my
>> breath.
>>
>
> I think both FC6 and CentOS5 templates will be ready next week.
FC6/i686 (precreated only) is now available from
http://download.openvz.org/template/precreated/fedora-core-6 -i686-default.tar.gz
FC6/x86_64 will follow next week.

CentOS 5 -- we will start working on it next week.

Subject: Re: Fedora Core 6 ready to use template?
Posted by kir on Fri, 13 Apr 2007 16:42:10 GMT
View Forum Message <> Reply to Message

Michael H. Warfield wrote:
> Even updating from CentOS 4 to CentOS 5 isn't working. The conflict
> exists if it doesn't find a kernel package it likes (in this case it
> doesn't even exist). You can install the kernel package (which can be
> removed later, if you care) and then vzyum will update a bunch of
> packages, including initscripts, and update even more when you run a
> final vzyum update after the vzyum install. But the resulting VE in non
> functional. Trying to enter the running VE, I get a "Unable to open
> pty: No such file or directory". No joy either way.
>
All I can provide now are a few hints. CentOS 5 template will be
available in a few weeks or so.

1. Check if /dev is hosted on tmpfs. If yes -- find out where in
initscripts /dev is mounted using tmpfs, and get rid of this mount.

2. Try to (forcibly I suppose) remove udev package from the VE, and
install back vzdev package.

3. Copy the /dev/ttyp* and /dev/ptyp* devices from VE0 into VE.

4. Make sure /dev/pts is mounted inside a VE.

5. Check if your kernel is compiled with the following options:

CONFIG_UNIX98_PTYS=y
CONFIG_LEGACY_PTYS=y

Subject: Re: Fedora Core 6 ready to use template?
Posted by Jan Tomasek on Fri, 13 Apr 2007 20:18:27 GMT
View Forum Message <> Reply to Message

Hello Kir,

> FC6/i686 (precreated only) is now available from
> http://download.openvz.org/template/precreated/fedora-core-6 -i686-default.tar.gz

Thank you very much! I already installed FC6 into VMWare, transfered it
into OpenVZ and I was fighting with udev and yum. I was beaten first
time when I missed that yum is going remove yum and rpm ;) Second try
was better but still not very good (I just edited /sbin/start_udev to
not start it and provided static /dev).

Maybe you can reconsider some of packages inside, such as lm_sensors.
They are not necasary for VE and on other hand I was missing yum inside,
I'm not very used to rpm, I'm mainly using Debian. yum is in my option
much user-friendly than plain rpm.

Your template is much better than mine attempt. Thanks you very much,
your help is very appreciated! Thanks :)

--

Jan Tomasek aka Semik
http://www.tomasek.cz/