Subject: vzkernel repos gone?
Posted by Rene on Sun, 16 Oct 2011 09:23:42 GMT
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What's going on with the vzkernel repos? Seems 042stab037.1 is now the most recent kernel stored anywhere? Was there a global disk crash or something?

[root@server14 ~]# yum install vzkernel.x86_64
Loaded plugins: presto
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package vzkernel.x86_64 0:2.6.32-042stab039.3 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

```
================================================================================
================================================================================
================================================
 Package                 Arch                    Version
 Repository                              Size
================================================================================
================================================================================
================================================
Installing:
 vzkernel                x86_64                  2.6.32-042stab039.3
        openvz-kernel-rhel6                 25 M

Transaction Summary
================================================================================
================================================================================
================================================
Install       1 Package(s)

Total download size: 25 M
Installed size: 110 M
Is this ok [y/N]: y
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 25 M
http://download.openvz.org/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x8
6_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
```

http://openvz-mirror1.rapidvps.com/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://ftp.iij.ad.jp/pub/openvz/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://mirror.yandex.ru/mirrors/download.openvz.org/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://ftp.wicks.co.nz/pub/openvz/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://openvz.proserve.nl/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://mirrors.xservers.ro/openvz/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://mirror.as24220.net/pub/openvz/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"
Trying other mirror.
http://mirrors.ircam.fr/openvz/kernel/branches/rhel6-2.6.32/current/vzkernel-2.6.32-042stab039.3.x86_64.rpm: [Errno 14] PYCURL ERROR 22 - "The requested URL returned error: 404"

File Attachments

1) vz.PNG, downloaded 1468 times

Subject: Re: vzkernel repos gone?
Posted by Ales on Sun, 16 Oct 2011 16:27:27 GMT
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Newer RHEL 6 kernels were moved from stable into testing, the news are posted on the openvz main page.

Subject: Re: vzkernel repos gone?
Posted by Rene on Sun, 16 Oct 2011 19:43:24 GMT
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I see. It would probably have been nice to know these kernels were not considered stable before we put them on production servers.

So what is the best approach from here for those of us who happened to install testing kernels? Backtrack back to the 042stab037.1.

Subject: Re: vzkernel repos gone?
Posted by Rene on Fri, 21 Oct 2011 11:16:28 GMT
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I guess so. Booted back to 37.1 on those servers who have this kernel installed.

One server only has 39.3 - how can I force yum to install 37.1?

```
# yum install vzkernel-2.6.32-042stab037.1.x86_64
Setting up Install Process
No package vzkernel-2.6.32-042stab037.1.x86_64 available.
Error: Nothing to do
```

Subject: Re: vzkernel repos gone?
Posted by Rene on Sat, 22 Oct 2011 03:46:51 GMT
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Ok, well here is the answer for posterity:

There don't seem to be an easy way to do this with yum, so the solution is to simply grab the kernel from the openvz repository and install it with rpm:

```
# wget  http://download.openvz.org/kernel/branches/rhel6-2.6.32-test
ing/042stab037.1/vzkernel-2.6.32-042stab037.1.x86_64.rpm
# rpm -ivh vzkernel-2.6.32-042stab037.1.x86_64.rpm --force
```

In my case /boot/grub/grub.conf was automatically configured to boot this kernel, but it's always a good idea to check, regardless of using yum or rpm.

Subject: Re: vzkernel repos gone?
Posted by mustardman on Sun, 30 Oct 2011 06:31:34 GMT
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It's kind of unfortunate how the developers went about this. First they recommended everyone

upgrade to the RHEL6 branch as soon as it went stable. Then when a bunch of people did this they had all kinds of stability problems. Then after people (like me) upgraded to the latest stable kernel to fix the problems the developers then decided they wanted a testing branch and put my supposedly stable kernel into the testing branch. Then I ended up having high I/O problems with my kernel after a few weeks and have now downgraded to the supposedly stable (not really) 37.1 kernel.

This all seems kind of unusual to me to have the developers jerk everyone around like this. I know it caused me more problems then it should have simply because I listened to the developers who recommended I upgrade rather than just delaying production rollout of the RHEL6 kernel and take a wait and see approach. Now I'm kind of stuck with the only stable RHEL6 kernel (37.1) which isn't all that stable.

But OpenVZ is open source so what can I do but just live with it, file bug reports and hope for the best I guess.

Subject: Re: vzkernel repos gone?
Posted by seanfulton on Sun, 30 Oct 2011 13:22:58 GMT
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I don't think splitting stable and development as separate branches means RHEL6 is not stable. It's exactly the same format they used on RHEL5 and it worked.

I found that many of the "testing" kernels on RHEL5 were as stable as the "stable" kernels (sometimes more so). But the fact is, RHEL6 is very stable and production quality. I have two machines (25.1 and 37.1) which have no problems. 36.6 does have some bite to it though.

The real question is why does yum update vzkernel try to download 39.3 when 37.1 is the latest stable. And why does it try to download a kernel that isn't stable. It seems to me that yum update vzkernel should do the right thing, whatever the developers feel that is.

Seems the repo might need some work.

Great job on RHEL6 though!

sean

Subject: Re: vzkernel repos gone?
Posted by Ales on Sun, 30 Oct 2011 19:34:58 GMT
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I've looked into the openvz main repo, and things look fine. It sounds like one (or more) of the

mirros haven't removed the testing kernels from the stable repository. Probably a buggy rsync script at their side...

Perhaps you could check which mirror is it and file a bug or contact this mirror's maintainer? This should also fix itself once the next stable kernel gets published, since the new stable kernel will have a higher version number.

Subject: Re: vzkernel repos gone?
Posted by mustardman on Mon, 31 Oct 2011 08:00:17 GMT
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seanfulton wrote on Sun, 30 October 2011 09:22I don't think splitting stable and development as separate branches means RHEL6 is not stable. It's exactly the same format they used on RHEL5 and it worked.

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Seems the repo might need some work.

Great job on RHEL6 though!

sean

Lot's of people having problems with 37.1 kernel which is currently the ONLY stable branch kernel for RHEL6. Just because you are not having problems does not mean it's stable.
