
Subject: apt-get dist-upgrade not working for 042stab085.20-amd64

Posted by [shamu](#) on Mon, 31 Mar 2014 14:46:39 GMT

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Hi folks,

so far, i.e. until (including) kernel version 042stab085.17 kernel upgrades on all my debian wheezy systems worked fine!

On 03/24/14 I was announced by the mailing list kernel Kernel RHEL6 042stab085.20 is available. Having had a look at <http://download.openvz.org/debian/dists/wheezy/main/binary-amd64/kernel/> I found the following kernels available there:

linux-image-2.6.32-openvz-042stab081.3-amd64_1_amd64.deb	25-Sep-2013 22:02	42M
linux-image-2.6.32-openvz-042stab081.5-amd64_1_amd64.deb	17-Oct-2013 01:04	42M
linux-image-2.6.32-openvz-042stab081.8-amd64_1_amd64.deb	28-Oct-2013 17:03	42M
linux-image-2.6.32-openvz-042stab083.2-amd64_1_amd64.deb	12-Nov-2013 20:56	42M
linux-image-2.6.32-openvz-042stab084.12-amd64_1_amd64.deb	30-Dec-2013 02:56	42M
linux-image-2.6.32-openvz-042stab084.14-amd64_1_amd64.deb	16-Jan-2014 17:48	42M
linux-image-2.6.32-openvz-042stab084.17-amd64_1_amd64.deb	16-Jan-2014 18:05	42M
linux-image-2.6.32-openvz-042stab085.20-amd64_1_amd64.deb	24-Mar-2014 12:56	45M
linux-image-2.6.32-openvz-amd64_042stab085.17_amd64.deb	13-Mar-2014 14:45	45M
linux-image-openvz-amd64_042stab085.20_amd64.deb	24-Mar-2014 12:58	3.8K

I.e. the one I need (bold) is available there too. Although the download path

'deb <http://download.openvz.org/debian> wheezy main'

is right in my sources.list and 'apt-get update' works fine the new kernel won't be downloaded. I tried several times, automated by script and cron job and manually. But, the result is the same - no new kernel downloaded.

Any idea what's going wrong? It's the same behavior on four totally different machines in four different nets. Any suggestions what to do next or what may happen?

Thanks in advance and greetinx

shamu

Subject: Re: apt-get dist-upgrade not working for 042stab085.20-amd64

Posted by [Paparaciz](#) on Mon, 31 Mar 2014 18:46:27 GMT

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I suspect that this thread in mailing list will help your problem:

[https://lists.openvz.org/pipermail/users/2014-March/005532.h tml](https://lists.openvz.org/pipermail/users/2014-March/005532.html)
<https://lists.openvz.org/pipermail/users/2014-March/005528.h tml>
<https://lists.openvz.org/pipermail/users/2014-March/005487.h tml>

As I understood you have to remove openvz kernel and install again it. sorry, I didn't readed this messages in mailing list carefully because I don't use debian.
hope it helps.

Subject: Re: apt-get dist-upgrade not working for 042stab085.20-amd64
Posted by [shamu](#) on Tue, 01 Apr 2014 07:19:36 GMT
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Thanks for your quick feedback which points to the right way!

I followed the discussion (which is being continued) on the mentioned list and found a description of the current installation's state problem [when using 'apt-get dist-upgrade' to upgrade OpenVZ kernel in Wheezy (stable)] here:

<https://lists.openvz.org/pipermail/users/2014-March/005541.h tml>

This is what users end up with:

```
# apt-cache policy linux-image-openvz-amd64
linux-image-openvz-amd64:
  Installed: 042+1
  Candidate: 042+1
  Version table:
*** 042+1 0
    100 /var/lib/dpkg/status
    042stab085.20 0
    500 http://download.openvz.org/debian/ wheezy/main amd64
Packages
```

Currently, users now have to remove and reinstall in order to get a working package, which is unlucky.

As long as this issue isn't fixed in the *openvz*.deb-package(s) a kernel upgrade from 042stab085.17 to 042stab085.20 won't be possible by 'apt-get dist-upgrade'. I'll continue reading the list mentioned above and will see when and which solution the package maintainer will perform.

Again, thanks for pointing me to the right way!

Greetinx

shamu

Subject: Re: apt-get dist-upgrade not working for 042stab085.20-amd64
Posted by [shamu](#) on Tue, 29 Apr 2014 09:39:19 GMT
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I solved the problem this way:

* Before installling current OpenVZ kernel: *

~# dpkg -l | grep openvz

```
ii linux-image-2.6.32-openvz-amd64 042stab085.17 amd64 Linux kernel binary image for
version 2.6.32-openvz-amd64
ii linux-image-openvz-amd64 042+1 amd64 OpenVZ Linux kernel (meta-package)
```

~# uname -r

2.6.32-openvz-amd64

* Installling current OpenVZ kernel: *

~# apt-get update

~# apt-get dist-upgrade

```
Paketlisten werden gelesen... Fertig
Abhängigkeitsbaum wird aufgebaut.
Statusinformationen werden eingelesen.... Fertig
Paketaktualisierung (Upgrade) wird berechnet... Fertig
0 aktualisiert, 0 neu installiert, 0 zu entfernen und 0 nicht aktualisiert.
```

Note: Sadly, apt-get doesn't see any new OpenVZ kernel(s), although they are available in the repository.

Therefor update to new kernel manually be exactly telling apt-get what to install:

~# apt-get install linux-image-2.6.32-openvz-042stab088.4-amd64

=> installs new kernel image package:
linux-image-2.6.32-openvz-042stab088.4-amd64_1_amd64.deb

~# apt-get remove --purge linux-image-openvz-amd64

=> removes old kernel meta package: linux-image-openssl-amd64_042+1_amd64.deb

~# apt-get install linux-image-openssl-amd64

=> installs new kernel meta package: linux-image-openssl-amd64_042stab088.4_amd64.deb

~# dpkg -l | grep openssl

```
ii linux-image-2.6.32-openssl-042stab088.4-amd64 1 amd64 Linux kernel binary image
for version 2.6.32-openssl-042stab088.4-amd64
ii linux-image-2.6.32-openssl-amd64 042stab085.17 amd64 Linux kernel binary image
for version 2.6.32-openssl-amd64
ii linux-image-openssl-amd64 042stab088.4 amd64 OpenVZ Linux kernel
(meta-package)
```

~# reboot (hint: check grub.cfg before restarting)

~# uname -r

2.6.32-openssl-042stab088.4-amd64

~# dpkg -l | grep openssl

```
ii linux-image-2.6.32-openssl-042stab088.4-amd64 1 amd64 Linux kernel binary image
for version 2.6.32-openssl-042stab088.4-amd64
ii linux-image-2.6.32-openssl-amd64 042stab085.17 amd64 Linux kernel binary image
for version 2.6.32-openssl-amd64
ii linux-image-openssl-amd64 042stab088.4 amd64 OpenVZ Linux kernel
(meta-package)
```

~# apt-get remove --purge linux-image-2.6.32-openssl-amd64

=> removes old kernel image package:
linux-image-2.6.32-openssl-amd64_042stab085.17_amd64.deb

* After installing current OpenVZ kernel: *

~# dpkg -l | grep openssl

```
ii linux-image-2.6.32-openssl-042stab088.4-amd64 1 amd64 Linux kernel binary image
for version 2.6.32-openssl-042stab088.4-amd64
ii linux-image-openssl-amd64 042stab088.4 amd64 OpenVZ Linux kernel
(meta-package)
```

~# uname -r

2.6.32-openvz-042stab088.4-amd64

~# apt-get clean

~# rm -rf /lib/modules/2.6.32-openvz-amd64

May be, the description above will help anyone.

Greetinx

shamu
