
Subject: Kernel upgrade from 2.6.18 to 2.6.32
Posted by [hkendusers](#) on Tue, 04 Oct 2011 15:42:33 GMT
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Hi all,

I am running a OpenVZ on RHEL 5.1 with kernel 2.6.18-*, I tried to upgrade using "rpm -Uvh" and "yum update", both have errors but I still can restart with the new kernel.

So, can anyone tell me that kernel can be upgraded from 2.6.18-* to 2.6.32-*? Or it is not recommended?

Below are errors that during upgrade.

```
# uname -r
2.6.18-92.1.18.el5.028stab060.2PAE
```

```
=====
upgrade using rpm
=====
```

```
# rpm -Uvh vzctl-3.0.29.3-1.i386.rpm vzctl-lib-3.0.29.3-1.i386.rpm
vzkernel-2.6.32-042stab037.1.i686.rpm vzkernel-firmware-2.6.32-042stab037.1.noarch.rpm
vzquota-3.0.12-1.i386.rpm
```

```
Preparing... ##### [100%]
 1:vzkernel-firmware ##### [ 20%]
 2:vzctl-lib ##### [ 40%]
 3:vzkernel ##### [ 60%]
 4:vzquota ##### [ 80%]
 5:vzctl ##### [100%]
```

FATAL: Module vzevent not found.

Checking vzevent kernel module ...[FAILED]

WARNING: No module uhci-hcd found for kernel 2.6.32-042stab037.1, continuing anyway

WARNING: No module ohci-hcd found for kernel 2.6.32-042stab037.1, continuing anyway

WARNING: No module ehci-hcd found for kernel 2.6.32-042stab037.1, continuing anyway

Usage: new-kernel-pkg [-v] [--mkinitrd] [--rmunitrd]

[--initrdfile=<initrd-image>] [--depmod] [--rmmoddep]

[--kernel-args=<args>] [--remove-args=<args>]

[--banner=<banner>] [--multiboot=multiboot]

[--mbargs=mbargs] [--make-default]

<--install | --remove | --update> <kernel-version>

(ex: new-kernel-pkg --mkinitrd --depmod --install 2.4.7-2)

error: %unknownscript(vzkernel-2.6.32-042stab037.1.i686) scriptlet failed, exit status 1

```
=====
```

upgrade using yum

```
=====
# yum update
Loading "rhnpplugin" plugin
Loading "installonlyn" plugin
Loading "security" plugin
This system is not registered with RHN.
RHN support will be disabled.
Setting up Update Process
Setting up repositories
openvz-utils      100% |=====| 1.2 kB   00:00
openvz-kernel-rhel6 100% |=====| 951 B   00:00
Reading repository metadata in from local files
Skipping security plugin, no data
Resolving Dependencies
Skipping security plugin, no data
--> Populating transaction set with selected packages. Please wait.
---> Package vzctl.i386 0:3.0.29.3-1 set to be updated
---> Package vzquota.i386 0:3.0.12-1 set to be updated
---> Package vzctl-lib.i386 0:3.0.29.3-1 set to be updated
--> Running transaction check
--> Processing Dependency: vzeventmod for package: vzctl
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Package vzkernel.i686 0:2.6.32-042stab037.1 set to be updated
--> Running transaction check
--> Processing Dependency: kernel-firmware >= 2.6.32-131.12.1.el6 for package: vzkernel
--> Restarting Dependency Resolution with new changes.
--> Populating transaction set with selected packages. Please wait.
---> Package vzkernel-firmware.noarch 0:2.6.32-042stab037.1 set to be updated
--> Running transaction check
```

Dependencies Resolved

```
=====
=====
Package           Arch    Version      Repository    Size
=====
Updating:
vzctl             i386    3.0.29.3-1   openvz-utils  159 k
vzctl-lib         i386    3.0.29.3-1   openvz-utils  187 k
vzquota           i386    3.0.12-1     openvz-utils   82 k
Installing for dependencies:
vzkernel          i686    2.6.32-042stab037.1 openvz-kernel-rhel6 23 M
vzkernel-firmware noarch  2.6.32-042stab037.1 openvz-kernel-rhel6 2.9 M
```

Transaction Summary

```
=====
=====
Install    2 Package(s)
Update     3 Package(s)
Remove     0 Package(s)
```

Total download size: 27 M

Is this ok [y/N]: y

Downloading Packages:

```
(1/5): vzctl-3.0.29.3-1.i 100% |=====| 159 kB  00:11
(2/5): vzkern-2.6.32-04 100% |=====| 23 MB  00:34
(3/5): vzkern-firmwar- 100% |=====| 2.9 MB  00:10
(4/5): vzquota-3.0.12-1.i 100% |=====| 82 kB  00:01
(5/5): vzctl-lib-3.0.29.3 100% |=====| 187 kB  00:08
```

Running Transaction Test

FATAL: Could not open '/boot/System.map-2.6.32-042stab037.1': No such file or directory
No modules available for kernel "2.6.32-042stab037.1".

mkinitrd failed

error: %unknownscript(vzkern-2.6.32-042stab037.1.i686) scriptlet failed, exit status 1

Finished Transaction Test

Transaction Test Succeeded

Running Transaction

```
Updating : vzctl-lib                ##### [1/9]
Installing: vzkern-firmwar          ##### [2/9]
Installing: vzkern                  ##### [3/9]
Updating : vzquota                  ##### [4/9]
Updating : vzctl                    ##### [5/9]
```

FATAL: Module vzevent not found.

Checking vzevent kernel module ...[FAILED]

```
Cleanup : vzctl                    ##### [6/9]
Removing : ovzkern-PAE              ##### [7/9]
Cleanup : vzquota                  ##### [8/9]
Cleanup : vzctl-lib                ##### [9/9]
```

WARNING: No module uhci-hcd found for kernel 2.6.32-042stab037.1, continuing anyway

WARNING: No module ohci-hcd found for kernel 2.6.32-042stab037.1, continuing anyway

WARNING: No module ehci-hcd found for kernel 2.6.32-042stab037.1, continuing anyway

Usage: new-kernel-pkg [-v] [--mkinitrd] [--rmunitrd]

[--initrdfile=<initrd-image>] [--depmod] [--rmmoddep]

[--kernel-args=<args>] [--remove-args=<args>]

[--banner=<banner>] [--multiboot=multiboot]

[--mbargs=mbargs] [--make-default]

<--install | --remove | --update> <kernel-version>

(ex: new-kernel-pkg --mkinitrd --depmod --install 2.4.7-2)

error: %unknownscript(vzkern-2.6.32-042stab037.1.i686) scriptlet failed, exit status 1

Dependency Installed: vzkern.i686 0:2.6.32-042stab037.1 vzkern-firmwar.noarch
0:2.6.32-042stab037.1

Updated: vzctl.i386 0:3.0.29.3-1 vzctl-lib.i386 0:3.0.29.3-1 vzquota.i386 0:3.0.12-1
Complete!

Subject: Re: Kernel upgrade from 2.6.18 to 2.6.32
Posted by [hkendusers](#) on Fri, 07 Oct 2011 04:39:10 GMT
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I search around in the internet, someone said using 2.6.32 on RHEL5 requires to set something in /etc/grub.conf, and someone said 2.6.32 is not recommended to run in RHEL5...

So can anyone advise if it is not recommended? Or we can go ahead with bypassing the error?
