
Subject: Re: yum install vzkernel

Posted by [Rene](#) on Sun, 20 Nov 2011 07:14:45 GMT

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I'd like to warn anyone not to try this.

I added following to /etc/yum.conf:

```
installonlypkgs=vzkernel*
installonly_limit=5
exclude=kernel*
```

Then ran yum update:

Quote:

```
]# yum update
openvz-kernel-rhel6                | 951 B    00:00
openvz-utils                       | 1.2 kB   00:00
sl                                 | 3.2 kB   00:00
sl-security                       | 1.9 kB   00:00
Setting up Update Process
Resolving Dependencies
--> Running transaction check
---> Package bind-libs.x86_64 32:9.7.3-2.el6_1.P3.2 will be updated
---> Package bind-libs.x86_64 32:9.7.3-2.el6_1.P3.3 will be an update
---> Package bind-utils.x86_64 32:9.7.3-2.el6_1.P3.2 will be updated
---> Package bind-utils.x86_64 32:9.7.3-2.el6_1.P3.3 will be an update
---> Package kernel-firmware.noarch 0:2.6.32-131.17.1.el6 will be obsoleted
---> Package nspr.x86_64 0:4.8.7-1.el6 will be updated
---> Package nspr.x86_64 0:4.8.8-1.el6_1 will be an update
---> Package nss.x86_64 0:3.12.9-12.el6_1 will be updated
---> Package nss.x86_64 0:3.12.10-2.el6_1 will be an update
---> Package nss-sysinit.x86_64 0:3.12.9-12.el6_1 will be updated
---> Package nss-sysinit.x86_64 0:3.12.10-2.el6_1 will be an update
---> Package nss-util.x86_64 0:3.12.9-1.el6 will be updated
---> Package nss-util.x86_64 0:3.12.10-1.el6_1 will be an update
---> Package vzkernel.x86_64 0:2.6.32-042stab037.1 will be updated
---> Package vzkernel.x86_64 0:2.6.32-042stab039.3 will be updated
---> Package vzkernel.x86_64 0:2.6.32-042stab039.10 will be updated
---> Package vzkernel.x86_64 0:2.6.32-042stab039.11 will be an update
---> Package vzkernel-firmware.noarch 0:2.6.32-042stab039.11 will be obsoleting
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
=====
```

Package	Arch	Version	Repository	Size
=====				
Installing:				
vzkernel-firmware	noarch	2.6.32-042stab039.11	openvz-kernel-rhel6	2.9 M
replacing kernel-firmware.noarch 2.6.32-131.17.1.el6				
Updating:				
bind-libs	x86_64	32:9.7.3-2.el6_1.P3.3	sl-security	838 k
bind-utils	x86_64	32:9.7.3-2.el6_1.P3.3	sl-security	176 k
nspr	x86_64	4.8.8-1.el6_1	sl-security	109 k
nss	x86_64	3.12.10-2.el6_1	sl-security	773 k
nss-sysinit	x86_64	3.12.10-2.el6_1	sl-security	27 k
nss-util	x86_64	3.12.10-1.el6_1	sl-security	45 k
vzkernel	x86_64	2.6.32-042stab039.11	openvz-kernel-rhel6	25 M

Transaction Summary

```

=====
Install      1 Package(s)
Upgrade     7 Package(s)

```

Total download size: 30 M

Is this ok [y/N]: y

Downloading Packages:

```

(1/8): bind-libs-9.7.3-2.el6_1.P3.3.x86_64.rpm      | 838 kB   00:00
(2/8): bind-utils-9.7.3-2.el6_1.P3.3.x86_64.rpm     | 176 kB   00:00
(3/8): nspr-4.8.8-1.el6_1.x86_64.rpm                | 109 kB   00:00
(4/8): nss-3.12.10-2.el6_1.x86_64.rpm               | 773 kB   00:00
(5/8): nss-sysinit-3.12.10-2.el6_1.x86_64.rpm       | 27 kB    00:00
(6/8): nss-util-3.12.10-1.el6_1.x86_64.rpm          | 45 kB    00:00
(7/8): vzkernel-2.6.32-042stab039.11.x86_64.rpm    | 25 MB    00:03
(8/8): vzkernel-firmware-2.6.32-042stab039.11.noarch.rpm | 2.9 MB   00:00

```

```

-----
Total                               6.3 MB/s | 30 MB   00:04

```

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

```

Updating   : nspr-4.8.8-1.el6_1.x86_64                1/18
Updating   : nss-util-3.12.10-1.el6_1.x86_64          2/18
Updating   : nss-sysinit-3.12.10-2.el6_1.x86_64       3/18
Updating   : nss-3.12.10-2.el6_1.x86_64              4/18
Installing : vzkernel-firmware-2.6.32-042stab039.11.noarch 5/18
Updating   : 32:bind-libs-9.7.3-2.el6_1.P3.3.x86_64   6/18
Updating   : 32:bind-utils-9.7.3-2.el6_1.P3.3.x86_64 7/18
Updating   : vzkernel-2.6.32-042stab039.11.x86_64     8/18
Cleanup    : vzkernel.x86_64                          9/18

```

Non-fatal POSTUN scriptlet failure in rpm package vzkernel

```

Cleanup   : vzkernel.x86_64                                10/18
warning: %postun(vzkernel-2.6.32-042stab039.10.x86_64) scriptlet failed, exit status 1
Cleanup   : vzkernel.x86_64                                11/18
Non-fatal POSTUN scriptlet failure in rpm package vzkernel
Cleanup   : nss-3.12.9-12.el6_1.x86_64                    12/18
warning: %postun(vzkernel-2.6.32-042stab039.3.x86_64) scriptlet failed, exit status 1
Cleanup   : nss-sysinit-3.12.9-12.el6_1.x86_64            13/18
Cleanup   : nss-util-3.12.9-1.el6.x86_64                  14/18
Cleanup   : 32:bind-utils-9.7.3-2.el6_1.P3.2.x86_64       15/18
Erasing   : kernel-firmware-2.6.32-131.17.1.el6.noarch    16/18
Cleanup   : 32:bind-libs-9.7.3-2.el6_1.P3.2.x86_64       17/18
Cleanup   : nspr-4.8.7-1.el6.x86_64                       18/18

```

Installed:

```
vzkernel-firmware.noarch 0:2.6.32-042stab039.11
```

Updated:

```

bind-libs.x86_64 32:9.7.3-2.el6_1.P3.3      bind-utils.x86_64 32:9.7.3-2.el6_1.P3.3
nspr.x86_64 0:4.8.8-1.el6_1                  nss.x86_64 0:3.12.10-2.el6_1
nss-sysinit.x86_64 0:3.12.10-2.el6_1         nss-util.x86_64 0:3.12.10-1.el6_1
vzkernel.x86_64 0:2.6.32-042stab039.11

```

Replaced:

```
kernel-firmware.noarch 0:2.6.32-131.17.1.el6
```

Complete!

But when all is said and done all but the latest kernel rpm was removed.

Quote:

```

# rpm -qa | grep kernel
vzkernel-2.6.32-042stab039.11.x86_64
dracut-kernel-004-53.el6.noarch
vzkernel-firmware-2.6.32-042stab039.11.noarch
kernel-2.6.32-131.17.1.el6.x86_64

```

I had to manually force-install the previous kernel rpms to at least have one backup in case of a problem after rebooting.

Quote:

```

# wget http://download.openvz.org/kernel/branches/rhel6-2.6.32/042s
tab039.10/vzkernel-2.6.32-042stab039.10.x86_64.rpm
--2011-11-20 07:07:01-- http://download.openvz.org/kernel/branches/rhel6-2.6.32/042s
tab039.10/vzkernel-2.6.32-042stab039.10.x86_64.rpm
Resolving download.openvz.org... 64.131.90.11

```

Connecting to download.openvz.org|64.131.90.11|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 26424091 (25M) [application/x-rpm]
Saving to: âvzkernel-2.6.32-042stab039.10.x86_64.rpmâ

100%[===== >]
26,424,091 9.75M/s in 2.6s

2011-11-20 07:07:04 (9.75 MB/s) - âvzkernel-2.6.32-042stab039.10.x86_64.rpmâ

```
# wget http://download.openvz.org/kernel/branches/rhel6-2.6.32/042s
tab039.10/vzkernel-firmware-2.6.32-042stab039.10.noarch.rpm
--2011-11-20 07:07:13-- http://download.openvz.org/kernel/branches/rhel6-2.6.32/042s
tab039.10/vzkernel-firmware-2.6.32-042stab039.10.noarch.rpm
Resolving download.openvz.org... 64.131.90.11
Connecting to download.openvz.org|64.131.90.11|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3082298 (2.9M) [application/x-rpm]
Saving to: âvzkernel-firmware-2.6.32-042stab039.10.noarch.rpmâ
```

100%[===== >] 3,082,298
4.51M/s in 0.7s

2011-11-20 07:07:14 (4.51 MB/s) - âvzkernel-firmware-2.6.32-042stab039.10.noarch.rpmâ

```
# rpm -ivh vzkernel* --force
Preparing... ##### [100%]
 1:vzkernel-firmware ##### [ 50%]
 2:vzkernel ##### [100%]
[root@server15 ~]# rpm -qa | grep kernel
vzkernel-2.6.32-042stab039.11.x86_64
vzkernel-2.6.32-042stab039.10.x86_64
dracut-kernel-004-53.el6.noarch
vzkernel-firmware-2.6.32-042stab039.11.noarch
vzkernel-firmware-2.6.32-042stab039.10.noarch
kernel-2.6.32-131.17.1.el6.x86_64
```