Subject: cannot compile ovzkernel-2.6.18-8.1.14.el5.028stab045.1 from source
Posted by efishing on Sun, 14 Oct 2007 08:14:33 GMT
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I download ovzkernel-2.6.18-8.1.14.el5.028stab045.1.src.rpm and try to compile new kernel according to http://wiki.openvz.org/Kernel_build. I change kernel-ovz.spec not to incluing XEN as following:
%define buildxen 0
then use the command:
rpmbuild -ba --target=x86_64
I only get ovzkernel-2.6.18-.1.14.el5.028stab045.1.src.rpm,
and can't get other rpms like:
ovzkernel-2.6.18-8.1.8.el5.028stab045.1.x86_64.rpm,
ovzkernel-devel-2.6.18-8.1.8.el5.028stab045.1.x86_64.rpm
ovzkernel-header-2.6.18-8.1.8.el5.028stab039.1.x86_64.rpm
but I can use the same method to complie kernel from
ovzkernel-2.6.18-8.1.8.el5.028stab039.1.src.rpm.
My OS is CentOS 5.0 x86_64.
I need help.

Subject: Re: cannot compile ovzkernel-2.6.18-8.1.14.el5.028stab045.1 from source
Posted by vaverin on Sun, 14 Oct 2007 17:05:30 GMT
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Could you please describe the problem in more details?

Subject: Re: cannot compile ovzkernel-2.6.18-8.1.14.el5.028stab045.1 from source
Posted by efishing on Mon, 15 Oct 2007 07:46:59 GMT
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rpm -ivh ovzkernel-2.6.18-8.1.14.el5.028stab045.1.src.rpm
cd /usr/src/redhat/SPECS
rpmbuild -ba --target=x86_64 kernel-ovz.spec
after patching, I got following output:
Executing(%build): /bin/sh -e /var/tmp/rpm-tmp.11008
+ umask 022
+ cd /usr/src/redhat/BUILD
+ cd ovzkernel-2.6.18
+ LANG=C
+ export LANG
+ unset DISPLAY
+ rm -rf /var/tmp/kernel-2.6.18-8.1.14.el5.028stab045.1.nic-root
+ mkdir -p /var/tmp/kernel-2.6.18-8.1.14.el5.028stab045.1.nic-root/boot

```
+ cd linux-2.6.18.x86_64
+ exit 0
Executing(%install): /bin/sh -e /var/tmp/rpm-tmp.11008
+ umask 022
+ cd /usr/src/redhat/BUILD
+ cd ovzkernel-2.6.18
+ LANG=C
+ export LANG
+ unset DISPLAY
+ cd linux-2.6.18.x86_64
+ /usr/lib/rpm/find-debuginfo.sh /usr/src/redhat/BUILD/ovzkernel-2.6.18
0 blocks
find:  /var/tmp/kernel-2.6.18-8.1.14.el5.028stab045.1.nic-root/usr/ lib: No such file or directory
+ /usr/lib/rpm/redhat/brp-compress
+ /usr/lib/rpm/redhat/brp-strip-static-archive /usr/bin/strip
+ /usr/lib/rpm/redhat/brp-strip-comment-note /usr/bin/strip /usr/bin/objdump
+ /usr/lib/rpm/brp-python-bytecompile
+ /usr/lib/rpm/redhat/brp-java-repack-jars
Checking for unpackaged file(s): /usr/lib/rpm/check-files
/var/tmp/kernel-2.6.18-8.1.14.el5.028stab045.1.nic-root
Wrote:  /usr/src/redhat/SRPMS/ovzkernel-2.6.18-8.1.14.el5.028stab045 .1.nic.src.rpm
Executing(%clean): /bin/sh -e /var/tmp/rpm-tmp.76453
+ umask 022
+ cd /usr/src/redhat/BUILD
+ cd ovzkernel-2.6.18
+ rm -rf /var/tmp/kernel-2.6.18-8.1.14.el5.028stab045.1.nic-root
+ exit 0
```

so only kernel-*src.rpm was created.

Subject: Re: cannot compile ovzkernel-2.6.18-8.1.14.el5.028stab045.1 from source
Posted by vaverin on Mon, 15 Oct 2007 08:53:35 GMT
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It looks like you have modified kernel-ovz.spec file incorrectly.
Please remove broken file version, re-install ovzkernel-2.6.18-8.1.14.el5.028stab045.1.src.rpm, make your changes carefully and restart the compilation

Thank you,
Vasily Averin

Subject: Re: [Solved] cannot compile ovzkernel-2.6.18-8.1.14.el5.028stab045.1 from source
Posted by efishing on Mon, 15 Oct 2007 13:08:43 GMT
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according to your suggestion, I compared the kernel-ovz.spec file from 2.6.18-8.1.14.el5.028stab045.1 to the one from 2.6.18-8.1.8.el5.028stab039.1, and found :
in 2.6.18-8.1.8.el5.028stab039.1
%define buildup 1
...
%define buildxen 0
but in 2.6.18-8.1.14.el5.028stab045.1:
%define buildup 0
...
%define buildxen 1
so kernel will not be compliled. I changed "buildup" to 1 , "buildxen" to 0, then I got the right result. I think *.src.rpm should include kernel-*-xen.config.ovz, otherwise I can't get kernel package supporting xen.

Thank you, Vasily Averin
