Subject: centos4 didn't find ovzkernel-devel, maybe give a try for el5 kernel flavor?
Posted by Paparaciz on Mon, 28 Dec 2009 19:53:47 GMT

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I have HN with centos 4.8
so I added openvz.repo, configured to use rhel4 kernel
installed ovzkernel-enterprise-2.6.9-023stab051.3 (server has 4GB ram, arch is i386)

next I will have to build cisco_ipsec kernel module for that kernel. for that reason i need package
ovzkernel-enterprise-devel, but it doesn't exist.
so the question: how to get working kernel source for that? is it possible to make it using given
spec file (I viewed it, didn't found anything).

or maybe just try to install rhel5 kernel? will it work fine on centos4? (Ye, I know it's trivial
question).

it's production server, so it's a little bit difficult to play too much.

Subject: Re: centos4 didn't find ovzkernel-devel, maybe give a try for el5 kernel flavor?
Posted by Paparaciz on Mon, 28 Dec 2009 21:54:56 GMT

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Ok for now all I have is:

probably it's not possible to use rhel5 kernel on centos4 box

I installed ovzkernel-ent-devel-2.6.18-164.2.1.el5.028 and was trying to build cisco_ipsec module
and it complained about glibc at least 2.5 version. in centos4 it is 2.43.

second I installed   http://download.openvz.org/kernel/branches/rhel4-2.6.9/023st
ab051.3/ovzkernel-2.6.9-023stab051.3.src.rpm

and

cd /usr/src/redhat/SPECS
rpmbuild -bp --target=i686 kernel-ovz.spec

then

cd /usr/src/redhat/BUILD/ovzkernel-2.6.9/linux-2.6.9
cp configs/kernel-2.6.9-i686-enterprise.config.ovz .config

then there is good howto:
http://wiki.centos.org/HowTos/BuildingKernelModules

so...

edit Makefile:
edit EXTRAVERSION = -2.6.9-023stab051.3-enterprise
add VZVERSION = 023stab051.3

make oldconfig
make prepare
make modules_prepare

and at least cisco_ipsec module compiles. after some time will try to boot rhel4 openvz kernel and load module

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Subject: [SOLVED] Re: centos4 didn't find ovzkernel-devel, maybe give a try for el5 kernel flavor?
Posted by Paparaciz on Tue, 29 Dec 2009 07:03:42 GMT
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so everything came just fine, cisco_ipsec module loads ant cisco vpn client connects fine.

for the note:
EXTRAVERSION = -2.6.9-023stab051.3-enterprise
should be
EXTRAVERSION = -023stab051.3-enterprise