

Installing on Centos5 server ...



[kbensch](#) 7 posts since

Oct 10, 2007

Hi

I am installing the server on a centos5 installation and am asked for the following:

What is the location of the directory of C header files that match your running kernel?

Can anybody shed some light on this for me please. First time vmware user.

Thanks

Kobus



[Aldebaran](#) 188 posts since

Apr 16, 2007 **1. Re: Installing on Centos5 server** Oct 10, 2007 2:22 PM

See the information here and see if it helps:

<http://www.amikkelsen.com/index.php?paged=2>

Jeff



[SMB](#) 403 posts since

Mar 14, 2006 **2. Re: Installing on Centos5 server** Oct 10, 2007 2:32 PM

Install kernel-header and kernel-devel packages.



[kbensch](#) 7 posts since

Oct 10, 2007 **3. Re: Installing on Centos5 server** Oct 10, 2007 2:36 PM

 in response to: [SMB](#)

Thank you for the answers


Once i have done this how do i answer this question during /usr/bin/vmware-config.pl

What is the location of the directory of C header files that match your running kernel? [/usr/src/linux/include]



[VRComm](#) 2 posts since

Oct 10, 2007 **4. Re: Installing on Centos5 server** Oct 10, 2007 3:16 PM

 in response to: [kbensch](#) I am attempting to install VMware-server-1.0.4-56528 on a Sun AMD 64-bit environment running CentOS5 x86_64 (64-bit)

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Did a bit of searching and found a few sites the better of which was:

<http://www.cyberciti.biz/tips/vmware-on-centos5-rhel5-64-bit-version.html>

Follow along and I I hit the following issue:

|----- snip start

The directory of kernel headers (version 2.6.18-8.1.14.el5) does not match your running kernel (version 2.6.18-8.1.14.el5xen). Even if the module were to compile successfully, it would not load into the running kernel.

What is the location of the directory of C header files that match your running kernel? [/usr/src/linux/include]

|----- snip end

Even after creating a link and messing around with the directory names, still the same.

Here is the output of 'uname -r' : 2.6.18-8.1.14.el5xen

It looks like the yum update for 64-bit has a different idea about what the kernel vs. the headers. Yes, I rebooted after installing the update, just in case you are wondering.

Also tried doing this via the RPM and got the same results. At this point I may have to use the native virtualization in CentOS 5 but I would rather use VMware, that's the point of this whole exercise.

Has anyone managed to successfully get past this point given the configuration above?



[kbensch](#) 7 posts since

Oct 10, 2007 **5. Re: Installing on Centos5 server** Oct 11, 2007 12:24 AM

in response to: [VRComm](#) Hi

Thank you for the answers. My VMware is up and running and I am plying. I at one stage got the following message just like VRComm: The directory of kernel headers (version 2.6.18-8.1.14.el5) does not match your running kernel (version 2.6.18-8.1.14.el5xen). Even if the module were to compile successfully, it would not load into the running kernel.

What is the location of the directory of C header files that match your running kernel? [/usr/src/linux/include]

and sorted this by updating my kernel so that it is the same version as the devel and kernel packages.

I really at this stage have 2 more questions please.

1. At the bottom of the VMWare console it says You do not have VMWare tools installed. I have searched the site but cant find the tools or I am looking right at them and dont know what i am looking at.
2. When installing the os it keeps on black screen. It i then click on home then back onto the new server i can contiue but only for around 10 seconds at a time.

Thanks again

Kobus

Installing on Centos5 server ...



saxa 1,338 posts since

Jun 2, 2006 6. **Re: Installing on Centos5 server** Oct 11, 2007 1:51 AM

↑ in response to: kbensch You shouldn't use xen-enabled kernel on a VMware host. Reboot the machine into a 2.6.18-8.1.14.el5 and remove the xen kernel.

Then, run the config script once more.

In order to install VMware Tools on the console click VM -> Install VMware Tools. It will mount a Tools CD-ISO to your VM. You'll have to install them inside the guest.

When installing the OS it keeps on black screen. If I then click on home then back onto the new server I can continue but only for around 10 seconds at a time.

Please be more elaborate.



VRComm 2 posts since

Oct 10, 2007 7. **Re: Installing on Centos5 server** Oct 11, 2007 1:07 PM

↑ in response to: saxa For those following this thread I hope this helps and it's a direct follow up to my last post.

Thanks to all of those who responded couldn't have done it without their input.

Had to rebuild the kernel as indicated above.

Get instructions at :

http://wiki.centos.org/HowTos/Custom_Kernel

but used: `rpm -i http://isoredirect.centos.org/centos/5/updates/SRPMS/kernel-2.6.18-8.1.8.el5.src.rpm` (Used this for install source for 5 vs. 4)

make sure you rebuild as non-root I created the user and group "mockbuild" this works out well particularly given the use of the line above.

I edited `/home/mockbuild/rpmbuild/SPECS/kernel-2.6.spec` file to change `"%define signmodules 1"` to `"%define signmodules 0"`. It may be in multiple places but I only ran into one.

Had to do ``yum install unifdef`` (as root)

(Follow the instructions, if you aren't doing something funky just do the rebuild don't modify too much)

At the end I had to :

`rpm --force -ivh kernel-*.rpm` (Couldn't get it to install until I forced it.)