
Subject: kernel path?

Posted by [johan_hammy](#) on Sat, 07 Jan 2006 06:53:34 GMT

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I'm setting up Asterisk on a VPS. I've set it up on a standard system just fine before, but this part bothers me:

Before compiling the Zaptel drivers on a system running a Linux 2.4 kernel, you should verify that /usr/src/ contains a symbolic link named linux-2.4 pointing to your kernel source. If the symbolic link doesn't exist, you can create it with the following command (assuming you've installed the source in /usr/src/):

```
# ln -s /usr/src/`uname -r` /usr/src/linux-2.4
```

Computers running Linux 2.6 kernel-based distributions do not usually require the use of the symbolic link, as these distributions will search for the kernel build directory automatically. However, if you've placed the build directory in a nonstandard place (i.e., somewhere other than /lib/modules/<kernel version>/build/), you will require the use of the symbolic link.

Subject: Re: kernel path?

Posted by [kir](#) on Sat, 07 Jan 2006 13:00:58 GMT

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You _probably_ need kernel header files -- and you can copy them from the host system into your VPS (with the ID of NNN in the below example -- please substitute with your VPS ID) like this (on the host system):

```
vzctl mount NNN
```

```
mkdir -p /vz/root/NNN/lib/modules/`uname -r`/build
```

```
cp -r /lib/modules/`uname -r`/build/ /vz/root/NNN/lib/modules/`uname -r`/build
```

Subject: Re: kernel path?

Posted by [johan_hammy](#) on Sat, 07 Jan 2006 14:14:37 GMT

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Thanks much

Subject: Re: kernel path?

Posted by [johan_hammy](#) on Sun, 08 Jan 2006 13:54:35 GMT

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close, but I had a build dir within a build dir then. I just moved the contents of the second build dir down one level and all was well.

Subject: Re: kernel path?

Posted by [johan_hammy](#) on Mon, 23 Jan 2006 21:59:32 GMT

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To further build upon that:

```
In -s /usr/src/linux-2.6.8-1.521 /usr/src/linux-2.6
```

```
In -s /usr/src/linux-2.6.8-1.521 /lib/modules/`uname -r`/build
```

That was in someone else's description of an issue. Do I point it to the same place, or....

Subject: Re: kernel path?

Posted by [babazoid](#) on Tue, 09 Jan 2007 07:19:09 GMT

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Hi there,

If I cannot get the Kernel headers from my host, and know that they are running ovzkernel-smp-2.6.8-022stab078.10.i686.rpm, can I just download the RPM?

Second question, I am in Ubuntu -- any recommendations on how I should go about extracting the RPM?

Thanks
Mark

Subject: Re: kernel path?

Posted by [kir](#) on Tue, 09 Jan 2007 07:26:55 GMT

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1. I suppose yes

2. Find and use rpm2cpio.

Subject: Re: kernel path?

Posted by [babazoid](#) on Tue, 09 Jan 2007 07:38:26 GMT

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Thanks for the advice.

I am virtually a n00b to the VPS environment and Asterisk for that matter. I have it running on my box at home, but I am scratching my head a little when it comes to compiling 1.4 on my VPS.

I have searched everywhere for a resource that explains what exactly I'll need (to compile 1.4) for a setup as such:

- All I want to do is use Asterisk for SIP and maybe IAX phones remotely, obviously no local hardware.
- Conferencing would be really nice, but it's not necessary.

I am really confused with where I should start...

I swear when I get this done I'm putting it in the WIKI so others like me don't have to scour for info

Any advice you could give would be great.

Subject: Re: kernel path?

Posted by [kir](#) on Tue, 09 Jan 2007 07:49:37 GMT

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There is already one article about it:

http://wiki.openvz.org/Asterisk_in_VE_with_debian_stable

Unfortunately I don't know a bit about Asterisk...

Subject: Re: kernel path?

Posted by [babazoid](#) on Tue, 09 Jan 2007 07:55:49 GMT

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Yeah,

unfortunately the Asterisk in the Ubuntu repository is very old. I'll give 'er a try and post the info as soon as I figure it all out.

Again, if anyone else knows anything please let me know!

Thanks
Mark
