Subject: compiling kernel without module support
Posted by globi on Tue, 23 Jan 2007 06:35:55 GMT
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I have the habit to compile my Linux kernels without module support for security reasons.

As far as I could try, it is not possible to compile a linux kernel for openvz unless some of openvz's features are built into the kernel as a module.

I've been doing a try and catch all day, and these seem to be the modules that I cannot convert into static built-ins:

```
INSTALL drivers/net/tulip/tulip.ko
INSTALL drivers/net/vzethdev.ko
INSTALL drivers/net/vznetdev.ko
INSTALL fs/simfs.ko
INSTALL fs/vzdquota.ko
INSTALL kernel/cpt/vzcpt.ko
INSTALL kernel/cpt/vzrst.ko
INSTALL kernel/ve/vzdev.ko
INSTALL kernel/ve/vzmon.ko
INSTALL kernel/ve/vzwdog.ko
```

I may add that the compiling _does_ work when I do everything without modules, but vzctl won't work after rebooting:

```
vzctl start 10
Starting VE ...
VE is mounted
Adding IP address(es): 10.0.0.11
RTNETLINK answers: No such device
vps-net_add ERROR: Unable to add route /sbin/ip route add 10.0.0.11 dev venet0
VE start failed
Stopping VE ...
VE was stopped
VE is unmounted
```

Any clues on this?

OS: Debian 3.1
Kernel: 2.6.18

Thanks,

Andy

Subject: Re: compiling kernel without module support
Posted by dim on Tue, 23 Jan 2007 09:10:42 GMT
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Which vzctl version do you use?
Version 3.0.14 has a couple of fixes for this case.

Subject: Re: compiling kernel without module support
Posted by globi on Tue, 23 Jan 2007 09:34:54 GMT
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This is what I am using:

vzctl version 3.0.14-1dso31.2

It is a precompiled version from apt via the tree:

http://debian.systs.org/

I have also tried building vzctl from source, but the story is pretty much the same...

Subject: Re: compiling kernel without module support
Posted by dim on Tue, 23 Jan 2007 09:37:22 GMT
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Please, fill the bug at the http://bugzilla.openvz.org/ as a reminder for us.

Subject: Re: compiling kernel without module support
Posted by globi on Tue, 23 Jan 2007 21:11:00 GMT
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You are saying this is a bug?

So for now there is no straightforward solution to this?

Subject: Re: compiling kernel without module support
Posted by Vasily Tarasov on Wed, 24 Jan 2007 07:48:35 GMT
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Yes, this is a bug. Please, file a report to bugzilla.openvz.org and it'll be fixed ASAP.

Thanks.

Subject: Re: compiling kernel without module support
Posted by Uuops on Fri, 09 Mar 2007 15:51:39 GMT
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kernel 2.6.18 028test018.1 not resolved? no bug in bugzilla?

Subject: Re: compiling kernel without module support
Posted by Vasily Tarasov on Sun, 11 Mar 2007 07:19:23 GMT
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As far as I know, it is not resolved. Moreover the problem is not related to kernel - it is related to vzctl. Please, fill the bug and we won't forget about fixing it.

Thanks!

Subject: Re: compiling kernel without module support
Posted by dev on Sun, 11 Mar 2007 12:38:29 GMT
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Does
ifconfig up venet
ifconfig venet0 0

help before first VE start?