
Subject: Kernel module missing (in host, outside openvz environment)

Posted by [gnumoksha](#) on Wed, 03 Sep 2014 00:43:09 GMT

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I have one ethernet usb adapter on host, this not function with openvz-kernel.

I following this tutorial openvz.org/Installation_on_Debian with additional steps:

```
vim /etc/default/grub
[...]  
GRUB_DEFAULT=2  
[...]
```

```
update-grub
```

The adaptor use dm9601 module. In normal kernel lsmod is:

```
lsmod | grep -i dm9601  
dm9601          13188  0  
usbnet         18027  1 dm9601  
mii            12675  2 usbnet,dm9601  
usbcore        128741  5 ehci_hcd,usbhid,usbnet,dm9601
```

I have inserted this in /etc/modules:

```
usbcore  
mii  
usbnet  
dm9601
```

In openvz kernel lsmod is:

```
lsmod | grep -i dm9601  
dm9601          7341  0  
usbnet         40910  1 dm9601  
mii            5392  2 usbnet,dm9601
```

I guess the problem is miss of module usbcore:

```
modprobe usbcore  
libkmod: ERROR ../libkmod/libkmod.c:505 kmod_lookup_alias_from_builtin_file: could not open  
builtin file '/lib/modules/2.6.32-openvz-042stab093.4-amd64/modules.builtin.bin'
```

The dir modules is:

```
ls /lib/modules/  
2.6.32-openvz-042stab093.4-amd64 3.2.0-4-amd64
```

If i use `modprobe --set-version=3.2.0-4-amd64 usbcore` instead, the command run usually, but the adapter still not working
