
Subject: ***SOLVED*** Network Card Support
Posted by [galactic77](#) on Wed, 27 Sep 2006 04:10:35 GMT
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I have noticed on my test machine (at home), it has an odd network card in it and I have found that the openvz kernel does not have the network card driver for it compiled into it due to errors when I boot it. I just recently bought a dedicated server and have a few questions.

I ran the command `lspci` to find which network card the dedicated server has:
01:03.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL-8139/8139C/8139C+ (rev 10)

Is this driver compiled into the kernel already? I don't want to set the openvz kernel to boot permanently as this kernel fearing that I will not have ssh access to the server. Then I have to have a technician come out and fix it, which costs \$\$.

Any help is appreciated, thank you!
-Daniel

Subject: Re: Network Card Support
Posted by [Vasily Tarasov](#) on Wed, 27 Sep 2006 06:09:59 GMT
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This driver is compiled as a module in OpenVZ kernel.
So this module should be loaded on Linux start for example by adding appropriate alias in `modprobe.conf`.
Look also at thread <http://forum.openvz.org/index.php?t=tree&th=1074&mid=6030&&rev=&reveal=>

HTH,
vass.

Subject: Re: Network Card Support
Posted by [HaroldB](#) on Wed, 27 Sep 2006 06:10:33 GMT
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8139 is the most common and most well supported NIC for Linux that I have seen. All of the openvz kernels support it. Safe to reboot!

Subject: Re: Network Card Support
Posted by [galactic77](#) on Wed, 27 Sep 2006 08:03:22 GMT

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Thanks for the help guys.

I changed the default value in the grub.conf file to boot to the openvz kernel and it worked great. No boot up problems at all. I really appreciate your help.

Subject: Re: ***SOLVED*** Network Card Support
Posted by [galactic77](#) on Fri, 29 Sep 2006 17:26:43 GMT

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Alright, I just recieved another dedicated server and wonder if the network card module is compiled into the kernel.

00:12.0 Ethernet controller: VIA Technologies, Inc. VT6102 [Rhine-II] (rev 78)

Thanks!

Subject: Re: ***SOLVED*** Network Card Support
Posted by [Vasily Tarasov](#) on Sat, 30 Sep 2006 21:21:56 GMT

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This driver is also compiled as a module in OpenVZ rpms.
BTW, you can easily find out it using kernel config files from download section. For example, in <http://download.openvz.org/kernel/stable/022stab078.21/configs/kernel-2.6.8-022stab078-i686-enterprise.config.ovz>, we can see CONFIG_VIA_RHINE=m.
