
Subject: Dell Dimension 4300 - NIC module dmfe missing

Posted by [dowdle](#) on Fri, 09 Dec 2005 19:22:17 GMT

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Installed on an existing FC4 Hardware Host. When booting into the openvz kernel I get an error message when it tries to bring up the network.

My stock FC4 kernel loads the dmfe module for the NIC:

(from /etc/modprobe.conf)

```
alias eth0 dmfe
```

lspci | grep Ethernet

02:09.0 Ethernet controller: Davicom Semiconductor, Inc. 21x4x DEC-Tulip compatible 10/100

Ethernet (rev 31)

Stock kernel has

/lib/modules/2.6.14-1.1644_FC4/kernel/drivers/net/tulip/dmfe .ko while it is missing from openvz kernel.

I know that OpenVZ has many drivers compiled into the kernel rather than as modules but this doesn't seem to be the case for this NIC.

I'd attempt to compile my own kernel but given the complexity of the process, I'm wondering if there is a technical reason it is missing... or if it can eventually be incorporated into OpenVZ stable kernel??

I got OpenVZ working on another machine just fine (with the exception of the sound device)... and am really impressed.