Forum: CentOS 5 - Networking Support

Topic: CentOS 5.3 nvidia nForce network bugs, kernel panics (forcedeth, MCP67)

Subject: Re: CentOS 5.3 nvidia nForce network bugs, kernel panics (forcedeth, MCP67)

Posted by: AlanBartlett

Posted on: 2009/6/19 15:43:30

Quote:
I have downloaded the src.rpm of kmod-forcedeth and rebuilded it by mock for my kernel version. Very resourceful.

I'm interesting what should I do to activate this module ? Does it activate automatically after installation ? And what a procedure for updating ? I.e. after installing a new openvz kernel, I should also rebuild the forcedeth-kmod and only after this reboot the server ?
After installing it (**rpm -ivh kmod-forcedeth-*.rpm**), check that the driver module is present under your **/lib/modules/`uname -r`/extra/** directory and that a **/etc/depmod.d/forcedeth.conf** file now exists.

In general, you should stop the network service (**service network stop**), unload the older version of the driver from the kernel (**modprobe -r forcedeth**) and then restart the network (**service network start**). Often, people prefer to take the simpler option of rebooting the system.

You will need to manually update -- i.e. do all of the above -- for each and every new kernel that is installed. That is *unless* those *openvz* kernels do retain their own ABI consistency. (You could check for that by executing a **find /lib/modules -name forcedeth.ko** command after a new kernel has been installed. If there is a symbolic link from the *new* kernel's *weak-updates/* directory to the *extra/* directory of this, your current kernel, it would appear that the *openvz* kernels do retain some degree of ABI consistency.)