

RE: PE2850 + FreeBSD 5.3-BETA6 – Keyboard not working

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2004-09/2713.html>

Muthu_T_at_Dell.com

Date: 09/30/04

Date: Thu, 30 Sep 2004 01:40:06 -0500

To: <brooks@one-eyed-alien.net>

>*From:* Brooks Davis [mailto:brooks@one-eyed-alien.net]

>*Sent:* Thursday, September 30, 2004 12:17 AM

>>*On Wed, Sep 29, 2004 at 08:42:32AM -0500, Muthu_T@Dell.com wrote:*

>> *All,*

>>

>> *Successfully installed FreeBSD 5.3-BETA6 on Dell PE2860.*

>> *After rebooting in the login prompt the system doesn't accept any*

>> *keystrokes.*

>> *I have 1 USB and 1 PS/2 Keyboard. Both keyboards are working (caps*

>> *on/off, Numlock on/off works), but the characters doesn't comes to*

the

>> *system console.*

>>

>> *Attaching the dmesg output.*

>>

>> *Looks like DELL DRAC (Dell Remote Access Card) card is identified as*

>> *Keyboard.*

>> *See the line: (ukbd0: Dell DRAC4, rev 1.10/0.00, addr 2, iclass 3/1)*

>>

>> *Any fixes?*

>

>*From your other message, I think I see what's happening. The*

information that the PS/2 keyboard works in

>*single user mode was critical. The root problem is that you can have*

one and only one console keyboard

>*today. I'm working on fixing that, but it's going to take time. For*

now we're attempting to work around this >problem by making ukbd0 the
console keyboard in multiuser mode via devd rules.

>*In your case this backfires because ukbd0 is your DRAC card not your*
external USB keyboard. A workaround

>*that should work in your case is to boot into single user and comment*
out the ukbd related lines in >/etc/devd.conf. Then your PS/2 keyboard
will remain your console keyboard.

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Commenting out the ukbd0 stuff in /etc/devd.conf does the magic. Now PS/2 keyboard is working fine!

Installed the 64bit version of FreeBSD on this m/c. Running without any issue. Wonderful Job! :-)

Thanks.

--T. Muthu Mohan

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