

# Re: platform builder 4.2 debugger cannot connect to target

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*Source:*

<http://www.tech-archive.net/Archive/WindowsCE/microsoft.public.windowsce.platbuilder/2007-01/msg00375.html>

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- *From:* "Paul G. Tobey [eMVP]" <p space tobey no spam AT no instrument no spam DOT com>
  - *Date:* Wed, 10 Jan 2007 14:47:51 -0700
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Based on your settings, what's going on is that PB is expecting debug connections via Ethernet, but your OS is built to actually connect via serial. You could either change the Configure Remote Connection to set the Kernel Transport to Serial (and set the parameters), or change your OAL code to init KITL for Ethernet, not serial as it's doing now.

Paul T.

"catspaw" <hsubbaram@xxxxxxxx> wrote in message  
<news:1168460855.463985.325160@xx>

Hi,

Thanks for your response, Paul.

I have a 10 M Extension Ethernet card. I am using an EMBEST PXA255DB Development platform. Not sure what a VMini network adapter is, how can I find out whether this is part of the image? The board has a network card and I have added the network driver to the image.

Here are the debug components in PB platform settings:

- Enable CE Target Control Support ---- yes
- Enable Eboot Space in Memory ---- yes
- Enable Event Tracking during Boot ---- no
- Enable Full Kernel Mode ---- yes
- Enable Image for Flash ---- yes
- Enable Images Larger than 32 MB ---- yes
- Enable Kernel Debugger ---- yes
- Enable KITL ---- yes
- Enable Profiling ---- no
- Flush Events to Release Directory ---- no

In addition, the following environment variables are defined:

BSP\_LUBBOCK 1  
PLAT\_CIMSUN 1

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I captured the serial port output during the download and boot up.  
During the bootup process, I get the following message:

```
0x82cbe024: ERROR:  
d:\mckendric\private\winceos\coreos\nk\kernel\kwin32.c line 649:  
0x82cbe024: ConnectDebugger failed
```

Guess something is wrong, could you help. (I am attaching the sequence of debug messages output to the serial port below).

Thanks for your help.  
Harish

```
# InitSpecifiedEthDevice(): Checking for CS8900 Ethernet controller...  
Entering CS8900DBG_Init().  
dwEthernetIOBase = 0xBE300300  
CS8900: MAC Address: 0:10:1:10:2:10  
INFO: Probe: CS8900 is detected.  
CS8900 Ethernet controller initialized.  
pDriverGlobals->eth.EbootDevice.(0xA3DC8806 : 0x00000003)  
Device identificatio
```