

Re: FreeBSD 6.2-RELEASE install boot halts

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2007-04/msg00658.html>

- *From:* "Victor Engmark" <victor.engmark@xxxxxxxxxx>
 - *Date:* Tue, 10 Apr 2007 15:36:51 +0200
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On 4/4/07, Victor Engmark <victor.engmark@xxxxxxxxxx> wrote:

I've downloaded and burned the boot CD for the i386 6.2-RELEASE. I've used the CD to install a very well running system on my laptop, but it halts during boot when I try to install with the same CD on my desktop PC. The last line it outputs before halting is the following:
acd0: DVDR <PLEXTOR DVDR PX-708A/1.12> at ata1-master UDMA33

The install doesn't actually crash – I can still enable / disable Num Lock, Caps Lock, and Scroll Lock, and the Ctrl-Alt-Space shortcut works. It just never seems to continue (unless I actually have to wait for several minutes).

This drive is the only CD/DVD drive, and, hence, the one which the boot CD is in. The drive works in both Windows and SUSE. Taking out the CD after the boot image has been loaded doesn't help.

I've tried to boot in safe mode and with ACPI disabled, but I get the same result.

Some other things noted during boot:

\$PIR: No matching entry for 0.1.INTA

\$PIR: No matching entry for 0.2.INTA

\$PIR: No matching entry for 0.2.INTB

\$PIR: No matching entry for 0.2.INTC

\$PIR: No matching entry for 0.4.INTA

\$PIR: No matching entry for 0.5.INTA

\$PIR: No matching entry for 0.6.INTA

\$PIR: No matching entry for 0.13.INTA

[...]

`ptable-probe: MPConfig Table has bad signature: [yes, the first character is a spade]

[...]

unknown: <PNP0303> can't assign resources (port)

unknown: <PNP0c01> can't assign resources (memory)

[...]

Correcting nForce2 C1 CPU disconnect hangs [that would be my ASUS

[...]

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pci0: <memory, RAM> at device 0.1 (no driver attached)
pci0: <memory, RAM> at device 0.2 (no driver attached)
pci0: <memory, RAM> at device 0.3 (no driver attached)
pci0: <memory, RAM> at device 0.4 (no driver attached)
pci0: <memory, RAM> at device 0.5 (no driver attached)

More information from SUSE:

lspci

00:00.0 Host bridge: nVidia Corporation nForce2 AGP (different version?)
(rev a2)
00:00.1 RAM memory: nVidia Corporation nForce2 Memory Controller 1 (rev
a2)
00:00.2 RAM memory: nVidia Corporation nForce2 Memory Controller 4 (rev
a2)
00:00.3 RAM memory: nVidia Corporation nForce2 Memory Controller 3 (rev
a2)
00:00.4 RAM memory: nVidia Corporation nForce2 Memory Controller 2 (rev
a2)
00:00.5 RAM memory: nVidia Corporation nForce2 Memory Controller 5 (rev
a2)
00:01.0 ISA bridge: nVidia Corporation nForce2 ISA Bridge (rev a3)
00:01.1 SMBus: nVidia Corporation nForce2 SMBus (MCP) (rev a2)
00:02.0 USB Controller: nVidia Corporation nForce2 USB Controller (rev a3)

00:02.1 USB Controller: nVidia Corporation nForce2 USB Controller (rev a3)
00:02.2 USB Controller: nVidia Corporation nForce2 USB Controller (rev a3)
00:04.0 Ethernet controller: nVidia Corporation nForce2 Ethernet
Controller (rev a1)
00:05.0 Multimedia audio controller: nVidia Corporation nForce Audio
Processing Unit (rev a2)
00:06.0 Multimedia audio controller: nVidia Corporation nForce2 AC97 Audio
Controler (MCP) (rev a1)
00:08.0 PCI bridge: nVidia Corporation nForce2 External PCI Bridge (rev
a3)
00:09.0 IDE interface: nVidia Corporation nForce2 IDE (rev a2)
00:0d.0 FireWire (IEEE 1394): nVidia Corporation nForce2 FireWire (IEEE
1394) Controller (rev a3)
00:1e.0 PCI bridge: nVidia Corporation nForce2 AGP (rev a2)
01:07.0 Multimedia video controller: Brooktree Corporation Bt878 Video
Capture (rev 11)
01:07.1 Multimedia controller: Brooktree Corporation Bt878 Audio Capture
(rev 11)
02:00.0 VGA compatible controller: ATI Technologies Inc Radeon R300 NE
[Radeon 9500 Pro]
02:00.1 Display controller: ATI Technologies Inc Radeon R300 [Radeon 9500
Pro] (Secondary)

lsusb

Bus 002 Device 001: ID 0000:0000
Bus 001 Device 003: ID 046d:c041 Logitech, Inc.
Bus 001 Device 001: ID 0000:0000

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Bus 003 Device 003: ID 1058:0901 Western Digital Technologies, Inc.
Bus 003 Device 004: ID 05ac:1260 Apple Computer, Inc.
Bus 003 Device 001: ID 0000:0000

Does anyone have any tips for what might be wrong? Do you need more information?

Some clarification:

- I've used the DVD drive on Windows and Linux (in the same machine) for years, and it still works with those.
- I was able to install FreeBSD 6.0-RELEASE or 6.1-RELEASE using the same drive.

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Victor Engmark

Quidquid latine dictum sit, altum videtur - What is said in Latin, sounds profound

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