

Stop 0x7B (0xF7B4E640,0x34,0x0,0x0) on native boot after VMware

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2004-04/8976.html>

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Date: 04/09/04

Date: Fri, 9 Apr 2004 11:44:16 -0700

On my new ThinkPad G40, I shrank the NTFS, installed Mandrake 10 dual boot. XP worked fine when booted. Then installed VMWare and ran XP as a VMWare guest (after defining a new hardware profile for VMWare's use as well as extracting the non-acpi HAL and a separate ntkrnl file for VMWare and creating a new boot.ini entry. XP works fine now under VMWare. But when I try to boot XP native now, I get: Stop 0x0000007B (0xF7B4E640,0x00000034,0x00000000,0x00000000).

I've googled everywhere but can't find reference to the F7B4E640 value. I'm guessing that when XP detected the VMWare "disk", even though it's a raw disk, it somehow disabled the driver for the "real" disk in the registry, and ntldr chokes. I've been over KB article 324103 and all its derivatives to no avail.

FWIW, here's the "real" hardware list:

00:00.0 Host bridge: Intel Corp. 82852/855GM Host Bridge (rev 01)
00:00.1 System peripheral: Intel Corp.: Unknown device 3584 (rev 01)
00:00.3 System peripheral: Intel Corp.: Unknown device 3585 (rev 01)
00:02.0 VGA compatible controller: Intel Corp. 82852/855GM Integrated Graphics Device (rev 01)
00:02.1 Display controller: Intel Corp. 82852/855GM Integrated Graphics Device (rev 01)
00:1d.0 USB Controller: Intel Corp. 82801DB USB (Hub #1) (rev 01)
00:1d.1 USB Controller: Intel Corp. 82801DB USB (Hub #2) (rev 01)
00:1d.2 USB Controller: Intel Corp. 82801DB USB (Hub #3) (rev 01)
00:1d.7 USB Controller: Intel Corp. 82801DB USB2 (rev 01)
00:1e.0 PCI bridge: Intel Corp. 82801BAM/CAM PCI Bridge

microsoft.public.windowsxp.general: Stop 0x7B (0xF7B4E640,0x34,0x0,0x0) on native boot after VMware

(rev 81)

00:1f.0 ISA bridge: Intel Corp. 82801DBM LPC Interface Controller (rev 01)

00:1f.1 IDE interface: Intel Corp. 82801DBM Ultra ATA Storage Controller (rev 01)

00:1f.3 SMBus: Intel Corp. 82801DB/DBM SMBus Controller (rev 01)

00:1f.5 Multimedia audio controller: Intel Corp. 82801DB AC'97 Audio Controller (rev 01)

00:1f.6 Modem: Intel Corp. 82801DB AC'97 Modem Controller (rev 01)

02:00.0 Ethernet controller: Broadcom Corporation: Unknown device 170d (rev 01)

02:01.0 CardBus bridge: Texas Instruments PCI1410 PC card Cardbus Controller (rev 02)

And here it is in numeric:

00:00.0 Class 0600: 8086:3580 (rev 01)

00:00.1 Class 0880: 8086:3584 (rev 01)

00:00.3 Class 0880: 8086:3585 (rev 01)

00:02.0 Class 0300: 8086:3582 (rev 01)

00:02.1 Class 0380: 8086:3582 (rev 01)

00:1d.0 Class 0c03: 8086:24c2 (rev 01)

00:1d.1 Class 0c03: 8086:24c4 (rev 01)

00:1d.2 Class 0c03: 8086:24c7 (rev 01)

00:1d.7 Class 0c03: 8086:24cd (rev 01)

00:1e.0 Class 0604: 8086:2448 (rev 81)

00:1f.0 Class 0601: 8086:24cc (rev 01)

00:1f.1 Class 0101: 8086:24ca (rev 01)

00:1f.3 Class 0c05: 8086:24c3 (rev 01)

00:1f.5 Class 0401: 8086:24c5 (rev 01)

00:1f.6 Class 0703: 8086:24c6 (rev 01)

02:00.0 Class 0200: 14e4:170d (rev 01)

02:01.0 Class 0607: 104c:ac50 (rev 02)

TIA,

Rick