Subject: *SOLVED* 3Ware 8006-2LP
Posted by SixtyClear on Fri, 20 Jul 2007 07:10:56 GMT
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Hi.

I have a 3Ware 8006-2LP controller in my system, and have installed OpenVZ, I'm not a beginner in the slightest.

Now the kernel doesn't have a driver for this card, and by looking through the configurations I can only see an entry for the 9xxx card.

Does anyone know the entry for an 8xxx card so that I can custom compile the kernel so that the 3Ware Disk Management utility will work.

Chris

Subject: Re: 3Ware 8006-2LP
Posted by khorenko on Fri, 20 Jul 2007 07:21:51 GMT
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Hello Chris,

could you please post `lspci` and `lspci -n` output for this controller?
It will be also useful if you know any kernel which does support this controller.

Thank you.
Konstantin.

Subject: Re: 3Ware 8006-2LP
Posted by SixtyClear on Fri, 20 Jul 2007 07:26:57 GMT
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LSPCI

[root@fa-0-1 ~]# lspci
00:00.0 Host bridge: VIA Technologies, Inc. P4M900 Host Bridge
00:00.1 Host bridge: VIA Technologies, Inc. P4M900 Host Bridge
00:00.2 Host bridge: VIA Technologies, Inc. P4M900 Host Bridge
00:00.3 Host bridge: VIA Technologies, Inc. P4M900 Host Bridge
00:00.4 Host bridge: VIA Technologies, Inc. P4M900 Host Bridge
00:00.5 PIC: VIA Technologies, Inc. P4M900 I/O APIC Interrupt Controller
00:00.6 Host bridge: VIA Technologies, Inc. P4M900 Security Device
00:00.7 Host bridge: VIA Technologies, Inc. P4M900 Host Bridge
00:01.0 PCI bridge: VIA Technologies, Inc. VT8237 PCI Bridge

00:02.0 PCI bridge: VIA Technologies, Inc. P4M900 PCI to PCI Bridge Controller (rev 80)
00:03.0 PCI bridge: VIA Technologies, Inc. P4M900 PCI to PCI Bridge Controller (rev 80)
00:0f.0 IDE interface: VIA Technologies, Inc.: Unknown device 5337 (rev 07)
00:10.0 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
00:10.1 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
00:10.2 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
00:10.3 USB Controller: VIA Technologies, Inc. VT82xxxxx UHCI USB 1.1 Controller (rev a0)
00:10.4 USB Controller: VIA Technologies, Inc. USB 2.0 (rev 86)
00:11.0 ISA bridge: VIA Technologies, Inc. VT8237A PCI to ISA Bridge
00:11.7 Host bridge: VIA Technologies, Inc. VT8251 Ultra VLINK Controller
00:13.0 Host bridge: VIA Technologies, Inc. VT8237A Host Bridge
00:13.1 PCI bridge: VIA Technologies, Inc. VT8237A PCI to PCI Bridge
01:00.0 VGA compatible controller: VIA Technologies, Inc. Chrome9 HC IGP (rev 01)
04:04.0 Ethernet controller: Realtek Semiconductor Co., Ltd. RTL-8139/8139C/8139C+ (rev 10)
04:07.0 RAID bus controller: 3ware Inc 7xxx/8xxx-series PATA/SATA-RAID (rev 01)

LSPCI -N
[root@fa-0-1 ~]# lspci -n
00:00.0 Class 0600: 1106:0364
00:00.1 Class 0600: 1106:1364
00:00.2 Class 0600: 1106:2364
00:00.3 Class 0600: 1106:3364
00:00.4 Class 0600: 1106:4364
00:00.5 Class 0800: 1106:5364
00:00.6 Class 0600: 1106:6364
00:00.7 Class 0600: 1106:7364
00:01.0 Class 0604: 1106:b198
00:02.0 Class 0604: 1106:a364 (rev 80)
00:03.0 Class 0604: 1106:c364 (rev 80)
00:0f.0 Class 0101: 1106:5337 (rev 07)
00:10.0 Class 0c03: 1106:3038 (rev a0)
00:10.1 Class 0c03: 1106:3038 (rev a0)
00:10.2 Class 0c03: 1106:3038 (rev a0)
00:10.3 Class 0c03: 1106:3038 (rev a0)
00:10.4 Class 0c03: 1106:3104 (rev 86)
00:11.0 Class 0601: 1106:3337
00:11.7 Class 0600: 1106:287e
00:13.0 Class 0600: 1106:337b
00:13.1 Class 0604: 1106:337a
01:00.0 Class 0300: 1106:3371 (rev 01)
04:04.0 Class 0200: 10ec:8139 (rev 10)
04:07.0 Class 0104: 13c1:1001 (rev 01)

It was working on the default CentOS 4.5 x64 kernel, 2.6.9-55.ELsmp.

I just wanted to see if there is a workaround, 3dm at the moment outputs.

[root@fa-0-1 ~]# 3dmd

Error: opendir() failed - No such file or directory. Check if the driver is loaded.
[root@fa-0-1 ~]# Error: opendir() failed - No such file or directory. Check if the driver is loaded.
Error: Could not initialize 3ware controller.
(error code 0) (e003/0)

However it worked before installing the 2.6.18-ovz028stab035.1-smp kernel.

Chris

Subject: Re: 3Ware 8006-2LP
Posted by khorenko on Fri, 20 Jul 2007 08:33:22 GMT
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well, it looks i find the root of the problem:

http://www.ussg.iu.edu/hypermail/linux/kernel/0409.2/1833.ht ml

Quote:The /proc/scsi interface is being deprecated by the SCSI subsystem maintainers.

Support for /proc/scsi/3w-xxxx has been removed from the driver and sysfs support has been added. Please download the newer 3dm2 tools from the 3ware software "In-Engineering Development" website, or, keep your older kernel and tools.

Hope 3dm2 will help.

P.S. sorry, this might was not clear - the above words were not mine, this was a quotation from the link.
