
Subject: Re: Debian <> 3ware <> kernel 2.6.18+
Posted by [smilie](#) on Wed, 11 Feb 2009 20:07:46 GMT
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Hi,

In specs, it says:

3Ware/AMCC 9650SE-LP2 bulk, 2 x SATA II hardware RAID 0/1, PCI-e

lspci says:

```
nononsense:/home/smilie# lspci
00:00.0 Host bridge: Intel Corporation E7230 Memory Controller Hub (rev c0)
00:01.0 PCI bridge: Intel Corporation E7230 PCI Express Root Port (rev c0)
00:1c.0 PCI bridge: Intel Corporation 82801G (ICH7 Family) PCI Express Port 1 (rev 01)
00:1c.4 PCI bridge: Intel Corporation 82801GR/GH/GHM (ICH7 Family) PCI Express Port 5 (rev 01)
00:1c.5 PCI bridge: Intel Corporation 82801GR/GH/GHM (ICH7 Family) PCI Express Port 6 (rev 01)
00:1d.0 USB Controller: Intel Corporation 82801G (ICH7 Family) USB UHCI #1 (rev 01)
00:1d.1 USB Controller: Intel Corporation 82801G (ICH7 Family) USB UHCI #2 (rev 01)
00:1d.2 USB Controller: Intel Corporation 82801G (ICH7 Family) USB UHCI #3 (rev 01)
00:1d.3 USB Controller: Intel Corporation 82801G (ICH7 Family) USB UHCI #4 (rev 01)
00:1d.7 USB Controller: Intel Corporation 82801G (ICH7 Family) USB2 EHCI Controller (rev 01)
00:1e.0 PCI bridge: Intel Corporation 82801 PCI Bridge (rev e1)
00:1f.0 ISA bridge: Intel Corporation 82801GB/GR (ICH7 Family) LPC Interface Bridge (rev 01)
00:1f.1 IDE interface: Intel Corporation 82801G (ICH7 Family) IDE Controller (rev 01)
00:1f.3 SMBus: Intel Corporation 82801G (ICH7 Family) SMBus Controller (rev 01)
01:00.0 RAID bus controller: 3ware Inc Unknown device 1004 (rev 01)
09:00.0 PCI bridge: Intel Corporation 6702PXH PCI Express-to-PCI Bridge A (rev 09)
09:00.1 PIC: Intel Corporation 6700/6702PXH I/OxAPIC Interrupt Controller A (rev 09)
0d:00.0 Ethernet controller: Intel Corporation 82573E Gigabit Ethernet Controller (Copper) (rev 03)
0e:00.0 Ethernet controller: Intel Corporation 82573L Gigabit Ethernet Controller
0f:00.0 VGA compatible controller: ATI Technologies Inc ES1000 (rev 02)
```

This was done from:

Linux nononsense 2.6.18-6-686 #1 SMP Fri Dec 12 16:48:28 UTC 2008 i686 GNU/Linux

I have installed all (!!) of these kernels, but non will work properly:

```
linux-image-2.6.18-openvz-12-1-686 - Linux kernel binary image for version
2.6.18-openvz-12-1-686
linux-image-2.6.18-openvz-12-1etch1-686 - Linux kernel binary image for version
2.6.18-openvz-12-1etch1-686
linux-image-2.6.18-openvz-13-1etch4-686 - Linux kernel binary image for version
2.6.18-openvz-13-1etch4-686
```

linux-image-2.6.18-openvz-686 - Linux kernel binary image for version 2.6.18-openvz-686
linux-image-2.6.18-openvz-13-39.1d2-686 - Linux kernel binary image for version 2.6.18-openvz-13-39.1d2-686
linux-image-2.6.18-openvz-13-1etch5-686 - Linux kernel binary image for version 2.6.18-openvz-13-1etch5-686
linux-image-2.6.18-openvz-13-51.3d1-686 - Linux kernel binary image for version 2.6.18-openvz-13-51.3d1-686
linux-image-2.6.18-openvz-18-51.3d2-686 - Linux kernel binary image for version 2.6.18-openvz-18-51.3d2-686
linux-image-2.6.18-openvz-18-53.5d1-686 - Linux kernel binary image for version 2.6.18-openvz-18-53.5d1-686
linux-image-2.6.24-openvz-24-004.1d1-686 - Linux kernel binary image for version 2.6.24-openvz-24-004.1d1-686
linux-image-2.6.18-openvz-18-53.5d3-686 - Linux kernel binary image for version 2.6.18-openvz-18-53.5d3-686
linux-image-2.6.24-openvz-24-004.1d3-686 - Linux kernel binary image for version 2.6.24-openvz-24-004.1d3-686

Only one of them booted up properly, that was:

linux-image-2.6.18-openvz-13-51.3d1-686 - Linux kernel binary image for version 2.6.18-openvz-13-51.3d1-686

However, this one shows up only 4GB of RAM, while there is 8GB present in the server. OpenVZ does work properly in it, but I really need all 8GB)

I have tried to re-compile that kernel to make it work with 8GB, but with no success.

Thanx in advance.

Cheers,
Aleks
