
Subject: Re: DL380 G2 - CCISS
Posted by [gramsa49](#) on Mon, 19 Feb 2007 20:07:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

An update. Missed adding the bond module to /etc/modprobe.conf, that is why the network interfaces did not come up. Fixed that and installed the 2.6.18-ovz028test015.1-smp kernel. Bad news is that I get no output to /var/log/messages with the test kernel; no errors, no nothing. I am going to try building the cciss 3.6.10 driver with the latest stable kernel now.

The device is engaged using the following:

```
[root@vz1 tmp]# echo "engage scsi" > /proc/driver/cciss/cciss0  
[root@vz1 tmp]# echo "engage scsi" > /proc/driver/cciss/cciss1
```

As requested in the original post, here is the output of lspci:

```
[root@vz1 tmp]# lspci  
00:00.0 Host bridge: Broadcom CNB20HE Host Bridge (rev 23)  
00:00.1 Host bridge: Broadcom CNB20HE Host Bridge (rev 01)  
00:00.2 Host bridge: Broadcom CNB20HE Host Bridge (rev 01)  
00:00.3 Host bridge: Broadcom CNB20HE Host Bridge (rev 01)  
00:01.0 RAID bus controller: Compaq Computer Corporation Smart Array 5i/532 (rev 01)  
00:02.0 Ethernet controller: Intel Corporation 82557/8/9 [Ethernet Pro 100] (rev 08)  
00:04.0 Ethernet controller: Intel Corporation 82557/8/9 [Ethernet Pro 100] (rev 08)  
00:05.0 VGA compatible controller: ATI Technologies Inc Rage XL (rev 27)  
00:06.0 System peripheral: Compaq Computer Corporation Advanced System Management  
Controller  
00:0f.0 ISA bridge: Broadcom OSB4 South Bridge (rev 51)  
00:0f.1 IDE interface: Broadcom OSB4 IDE Controller  
00:0f.2 USB Controller: Broadcom OSB4/CSB5 OHCI USB Controller (rev 04)  
07:04.0 RAID bus controller: Compaq Computer Corporation Smart Array 5300 Controller (rev 02)  
07:07.0 PCI Hot-plug controller: Compaq Computer Corporation PCI Hotplug Controller (rev 12)
```

and lspci -n:

```
00:00.0 Class 0600: 1166:0008 (rev 23)  
00:00.1 Class 0600: 1166:0008 (rev 01)  
00:00.2 Class 0600: 1166:0006 (rev 01)  
00:00.3 Class 0600: 1166:0006 (rev 01)  
00:01.0 Class 0104: 0e11:b178 (rev 01)  
00:02.0 Class 0200: 8086:1229 (rev 08)  
00:04.0 Class 0200: 8086:1229 (rev 08)  
00:05.0 Class 0300: 1002:4752 (rev 27)  
00:06.0 Class 0880: 0e11:a0f0  
00:0f.0 Class 0601: 1166:0200 (rev 51)  
00:0f.1 Class 0101: 1166:0211  
00:0f.2 Class 0c03: 1166:0220 (rev 04)  
07:04.0 Class 0104: 0e11:b060 (rev 02)  
07:07.0 Class 0804: 0e11:a0f7 (rev 12)
```

lsmod:

```
[root@vz1 tmp]# lsmod
Module                Size Used by
parport_pc            26660 0
lp                    8740 0
parport               20704 2 parport_pc,lp
autofs4               19428 0
af_packet             17672 2
ipt_REJECT            4128 1
xt_state              1760 2
ip_conntrack          48172 1 xt_state
xt_tcpudp             3168 3
iptables_filter       3456 1
ip_tables             12952 1 iptables_filter
x_tables              13092 4 ipt_REJECT,xt_state,xt_tcpudp,ip_tables
thermal               11176 0
processor             16140 1 thermal
fan                   3556 0
button                4976 0
battery               7876 0
asus_acpi              13912 0
ac                    3620 0
ohci_hcd              19684 0
usbcore               119076 2 ohci_hcd
i2c_piix4             7372 0
i2c_core              17248 1 i2c_piix4
e100                  32936 0
mii                   5056 1 e100
bonding               85688 0
floppy                57540 0
ide_cd                38916 0
cdrom                 40544 1 ide_cd
```

Here is a transcript of the vz test kernel:

<let's go ahead and try engaging the tape drive and see if the problem stops, It does, good.>

Feb 19 14:21:22 vz1 kernel: HP CISS Driver (v 3.6.10)

Feb 19 14:21:22 vz1 kernel: ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 169

Feb 19 14:21:22 vz1 kernel: cciss0: <0xb178> at PCI 0000:00:01.0 IRQ 169 using DAC

Feb 19 14:21:22 vz1 kernel: ACPI: PCI Interrupt 0000:07:04.0[A] -> GSI 29 (level, low) -> IRQ 177

Feb 19 14:21:22 vz1 kernel: cciss1: <0xb060> at PCI 0000:07:04.0 IRQ 177 using DAC

Feb 19 14:21:22 vz1 kernel: blocks= 284522880 block_size= 512

Feb 19 14:21:22 vz1 kernel: heads= 255, sectors= 32, cylinders= 34868

Feb 19 14:21:22 vz1 kernel:

Feb 19 14:21:22 vz1 kernel: blocks= 284522880 block_size= 512

Feb 19 14:21:22 vz1 kernel: heads= 255, sectors= 32, cylinders= 34868

Feb 19 14:21:22 vz1 kernel:

Feb 19 14:21:22 vz1 kernel: cciss/c1d0: p1 p2

...

Feb 19 14:26:58 vz1 kernel: cciss0: No device changes detected.

Feb 19 14:26:58 vz1 kernel: cciss0: No appropriate SCSI device detected, SCSI subsystem not

engaged.

Feb 19 14:26:58 vz1 kernel: scsi0 : cciss

Feb 19 14:26:58 vz1 kernel: Vendor: COMPAQ Model: SDX-500C Rev: 1.32

Feb 19 14:26:58 vz1 kernel: Type: Sequential-Access ANSI SCSI revision: 02

Feb 19 14:26:58 vz1 scsi.agent[3654]: tape at

/devices/pci0000:07/0000:07:04.0/host0/target0:0:0:0:0:0

Feb 19 14:26:58 vz1 kernel: st: Version 20050830, fixed bufsize 32768, s/g segs 256

Feb 19 14:26:58 vz1 kernel: st 0:0:0:0: Attached scsi tape st0

Feb 19 14:26:58 vz1 kernel: st0: try direct i/o: yes (alignment 512 B)

[root@vz1 ~]# rpm -e lksctp-tools lksctp-tools-devel

[root@vz1 ~]# yum install kernel-smp

```
=====
===
```

Package	Arch	Version	Repository	Size
---------	------	---------	------------	------

```
=====
===
```

Installing:

kernel-smp	i686	2.6.18-ovz028test015.1	openvz-kernel-devel	13 M
------------	------	------------------------	---------------------	------

Transaction Summary

```
=====
===
```

WARNING: No module cciss found for kernel 2.6.18-ovz028test015.1-smp, continuing anyway
<update grub to use new kernel as default>

[root@vz1 src]# reboot

[root@vz1 ~]# uname -a

Linux vz1.home.arswiki.org 2.6.18-ovz028test015.1-smp #1 SMP Fri Feb 2 13:48:19 MSK 2007

i686 i686 i386 GNU/Linux

<from /var/log/messages>

Feb 19 14:29:56 vz1 kernel: cciss1: <0xb060> at PCI 0000:07:04.0 IRQ 17 using DAC

Feb 19 14:29:56 vz1 kernel: blocks= 284522880 block_size= 512

Feb 19 14:29:56 vz1 kernel: heads= 255, sectors= 32, cylinders= 34868

Feb 19 14:29:56 vz1 kernel:

Feb 19 14:29:56 vz1 kernel: blocks= 284522880 block_size= 512

Feb 19 14:29:56 vz1 kernel: heads= 255, sectors= 32, cylinders= 34868

Feb 19 14:29:56 vz1 kernel:

Feb 19 14:29:56 vz1 kernel: cciss/c1d0: p1 p2

<let's go ahead and try engaging the tape drive and see if the problem stops. There is no output to /var/log/messages>

For reference, this is the messages file for the vz test kernel:

[root@vz1 ~]# cat /var/log/messages

Feb 19 14:50:53 vz1 shutdown: shutting down for system reboot

Feb 19 14:50:53 vz1 init: Switching to runlevel: 6

Feb 19 14:50:54 vz1 cups-config-daemon: cups-config-daemon -TERM succeeded

Feb 19 14:50:54 vz1 haldaemon: haldaemon shutdown failed

Feb 19 14:50:54 vz1 messagebus: messagebus -TERM succeeded
Feb 19 14:50:54 vz1 atd: atd shutdown succeeded
Feb 19 14:50:54 vz1 cups: cupsd shutdown succeeded
Feb 19 14:50:54 vz1 sshd: sshd -TERM succeeded
Feb 19 14:50:55 vz1 sendmail: sendmail shutdown succeeded
Feb 19 14:50:55 vz1 sendmail: sm-client shutdown succeeded
Feb 19 14:50:55 vz1 smartd: smartd shutdown failed
Feb 19 14:50:55 vz1 acpid: acpid shutdown succeeded
Feb 19 14:50:55 vz1 crond: crond shutdown succeeded
Feb 19 14:50:55 vz1 ntpd[8412]: ntpd exiting on signal 15
Feb 19 14:50:55 vz1 ntpd: ntpd shutdown succeeded
Feb 19 14:50:55 vz1 irqbalance: irqbalance shutdown succeeded
Feb 19 14:50:55 vz1 kernel: Kernel logging (proc) stopped.
Feb 19 14:50:55 vz1 kernel: Kernel log daemon terminating.
Feb 19 14:50:56 vz1 syslog: klogd shutdown succeeded
Feb 19 14:50:56 vz1 exiting on signal 15
Feb 19 14:52:47 vz1 syslogd 1.4.1: restart.
Feb 19 14:52:47 vz1 syslog: syslogd startup succeeded
Feb 19 14:52:47 vz1 kernel: klogd 1.4.1, log source = /proc/kmsg started.
Feb 19 14:52:47 vz1 kernel: Linux version 2.6.18-ovz028test015.1-smp (root@centos-32-build)
(gcc version 3.4.4 20050721 (Red Hat 3.4.4-2)) #1 SMP Fri Feb 2 13:48:19 MSK 2007
Feb 19 14:52:47 vz1 kernel: BIOS-provided physical RAM map:
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 0000000000000000 - 000000000009ec00 (usable)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 000000000009ec00 - 00000000000a0000 (reserved)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 0000000000100000 - 0000000008fffc00 (usable)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 0000000008fffc00 - 0000000009000000 (ACPI data)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 00000000fec00000 - 00000000fec10000 (reserved)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 00000000fee00000 - 00000000fee10000 (reserved)
Feb 19 14:52:47 vz1 kernel: BIOS-e820: 00000000ffc00000 - 0000000010000000 (reserved)
Feb 19 14:52:47 vz1 kernel: 1407MB HIGHMEM available.
Feb 19 14:52:47 vz1 kernel: 896MB LOWMEM available.
Feb 19 14:52:47 vz1 kernel: found SMP MP-table at 000f4fd0
Feb 19 14:52:47 vz1 kernel: DMI 2.3 present.
Feb 19 14:52:47 vz1 syslog: klogd startup succeeded
Feb 19 14:52:47 vz1 kernel: ACPI: PM-Timer IO Port: 0x240
Feb 19 14:52:47 vz1 kernel: ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
Feb 19 14:52:47 vz1 kernel: Processor #0 6:11 APIC version 17
Feb 19 14:52:47 vz1 kernel: ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] disabled)
Feb 19 14:52:47 vz1 kernel: ACPI: LAPIC (acpi_id[0x02] lapic_id[0x02] disabled)
Feb 19 14:52:47 vz1 kernel: ACPI: LAPIC (acpi_id[0x03] lapic_id[0x03] enabled)
Feb 19 14:52:47 vz1 kernel: Processor #3 6:11 APIC version 17
Feb 19 14:52:47 vz1 kernel: ACPI: LAPIC_NMI (acpi_id[0xff] dfl dfl lint[0x1])
Feb 19 14:52:47 vz1 kernel: ACPI: IOAPIC (id[0x08] address[0xfec00000] gsi_base[0])
Feb 19 14:52:47 vz1 kernel: IOAPIC[0]: apic_id 8, version 17, address 0xfec00000, GSI 0-15
Feb 19 14:52:47 vz1 kernel: ACPI: IOAPIC (id[0x02] address[0xfec01000] gsi_base[16])
Feb 19 14:52:47 vz1 kernel: IOAPIC[1]: apic_id 2, version 17, address 0xfec01000, GSI 16-31
Feb 19 14:52:47 vz1 kernel: ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 high edge)

```

Feb 19 14:52:47 vz1 kernel: Enabling APIC mode: Flat. Using 2 I/O APICs
Feb 19 14:52:47 vz1 kernel: Using ACPI (MADT) for SMP configuration information
Feb 19 14:52:47 vz1 kernel: Allocating PCI resources starting at 98000000 (gap:
90000000:6ec00000)
Feb 19 14:52:47 vz1 kernel: Detected 1396.444 MHz processor.
Feb 19 14:52:47 vz1 kernel: Built 1 zonelists. Total pages: 589820
Feb 19 14:52:47 vz1 kernel: Kernel command line: ro root=/dev/VolGroup00/LogVol00
Feb 19 14:52:47 vz1 kernel: Enabling fast FPU save and restore... done.
Feb 19 14:52:47 vz1 kernel: Enabling unmasked SIMD FPU exception support... done.
Feb 19 14:52:47 vz1 kernel: Initializing CPU#0
Feb 19 14:52:47 vz1 kernel: CPU 0 irqstacks, hard=c062c000 soft=c0624000
Feb 19 14:52:47 vz1 kernel: PID hash table entries: 4096 (order: 12, 16384 bytes)
Feb 19 14:52:47 vz1 kernel: Console: colour VGA+ 80x25
Feb 19 14:52:47 vz1 kernel: Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
Feb 19 14:52:47 vz1 kernel: Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
Feb 19 14:52:47 vz1 kernel: Memory: 2329680k/2359280k available (3793k kernel code, 28304k
reserved, 1123k data, 300k init, 1441776k highmem)
Feb 19 14:52:47 vz1 kernel: Checking if this processor honours the WP bit even in supervisor
mode... Ok.
Feb 19 14:52:47 vz1 kernel: Calibrating delay using timer specific routine.. 2793.48 BogoMIPS
(lpj=1396740)
Feb 19 14:52:47 vz1 kernel: Mount-cache hash table entries: 512
Feb 19 14:52:47 vz1 kernel: CPU: L1 I cache: 16K, L1 D cache: 16K
Feb 19 14:52:47 vz1 kernel: CPU: L2 cache: 512K
Feb 19 14:52:47 vz1 kernel: Intel machine check architecture supported.
Feb 19 14:52:47 vz1 kernel: Intel machine check reporting enabled on CPU#0.
Feb 19 14:52:47 vz1 kernel: Compat vDSO mapped to fffe000.
Feb 19 14:52:47 vz1 kernel: Checking 'hlt' instruction... OK.
Feb 19 14:52:47 vz1 kernel: Freeing SMP alternatives: 20k freed
Feb 19 14:52:47 vz1 kernel: ACPI: Core revision 20060707
Feb 19 14:52:47 vz1 kernel: Page beancounter hash is 262144 entries.
Feb 19 14:52:47 vz1 kernel: CPU0: Intel(R) Pentium(R) III CPU family    1400MHz stepping 01
Feb 19 14:52:47 vz1 kernel: Booting processor 1/0 eip 2000
Feb 19 14:52:47 vz1 kernel: CPU 1 irqstacks, hard=c062d000 soft=c0625000
Feb 19 14:52:47 vz1 kernel: Initializing CPU#1
Feb 19 14:52:47 vz1 kernel: Calibrating delay using timer specific routine.. 2792.55 BogoMIPS
(lpj=1396276)
Feb 19 14:52:47 vz1 kernel: CPU: L1 I cache: 16K, L1 D cache: 16K
Feb 19 14:52:47 vz1 kernel: CPU: L2 cache: 512K
Feb 19 14:52:47 vz1 kernel: Intel machine check architecture supported.
Feb 19 14:52:47 vz1 kernel: Intel machine check reporting enabled on CPU#1.
Feb 19 14:52:47 vz1 kernel: CPU1: Intel(R) Pentium(R) III CPU family    1400MHz stepping 01
Feb 19 14:52:47 vz1 kernel: Total of 2 processors activated (5586.03 BogoMIPS).
Feb 19 14:52:47 vz1 kernel: ENABLING IO-APIC IRQs
Feb 19 14:52:47 vz1 kernel: ..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
Feb 19 14:52:47 vz1 kernel: ..MP-BIOS bug: 8254 timer not connected to IO-APIC
Feb 19 14:52:47 vz1 kernel: ...trying to set up timer (IRQ0) through the 8259A ... failed.
Feb 19 14:52:47 vz1 kernel: timer doesn't work through the IO-APIC - disabling NMI Watchdog!

```


Feb 19 14:52:47 vz1 kernel: ...trying to set up timer as Virtual Wire IRQ... works.
Feb 19 14:52:47 vz1 kernel: checking TSC synchronization across 2 CPUs: passed.
Feb 19 14:52:47 vz1 kernel: Brought up 2 CPUs
Feb 19 14:52:47 vz1 kernel: migration_cost=1274
Feb 19 14:52:47 vz1 kernel: checking if image is initramfs... it is
Feb 19 14:52:47 vz1 kernel: Freeing initrd memory: 872k freed
Feb 19 14:52:47 vz1 kernel: NET: Registered protocol family 16
Feb 19 14:52:47 vz1 kernel: ACPI: bus type pci registered
Feb 19 14:52:47 vz1 kernel: PCI: PCI BIOS revision 2.10 entry at 0xf0094, last bus=10
Feb 19 14:52:47 vz1 kernel: PCI: Using configuration type 1
Feb 19 14:52:47 vz1 kernel: Setting up standard PCI resources
Feb 19 14:52:47 vz1 kernel: mtrr: your CPUs had inconsistent fixed MTRR settings
Feb 19 14:52:47 vz1 kernel: mtrr: probably your BIOS does not setup all CPUs.
Feb 19 14:52:47 vz1 kernel: mtrr: corrected configuration.
Feb 19 14:52:47 vz1 kernel: ACPI: Interpreter enabled
Feb 19 14:52:47 vz1 kernel: ACPI: Using IOAPIC for interrupt routing
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Root Bridge [PCI0] (0000:00)
Feb 19 14:52:47 vz1 kernel: PCI: Firmware left 0000:00:02.0 e100 interrupts enabled, disabling
Feb 19 14:52:47 vz1 kernel: PCI: Firmware left 0000:00:04.0 e100 interrupts enabled, disabling
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Root Bridge [PCI1] (0000:01)
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Root Bridge [PCI2] (0000:07)
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA0] (IRQs 15) *0, disabled.
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA2] (IRQs 15) *0, disabled.
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA4] (IRQs 15) *7
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA5] (IRQs 15) *10
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA6] (IRQs 15) *11
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA7] (IRQs *15)
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INA8] (IRQs 15) *0, disabled.
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INAC] (IRQs 15) *0, disabled.
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt Link [INAD] (IRQs 15) *3
Feb 19 14:52:47 vz1 kernel: SCSI subsystem initialized
Feb 19 14:52:47 vz1 kernel: PCI: Using ACPI for IRQ routing
Feb 19 14:52:47 vz1 kernel: PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
Feb 19 14:52:47 vz1 kernel: PCI: Device 0000:00:00.0 not found by BIOS
Feb 19 14:52:47 vz1 kernel: PCI: Device 0000:00:00.1 not found by BIOS
Feb 19 14:52:47 vz1 kernel: PCI: Device 0000:00:00.2 not found by BIOS
Feb 19 14:52:47 vz1 kernel: PCI: Device 0000:00:00.3 not found by BIOS
Feb 19 14:52:47 vz1 kernel: PCI: Device 0000:00:0f.0 not found by BIOS
Feb 19 14:52:47 vz1 kernel: NET: Registered protocol family 2
Feb 19 14:52:47 vz1 kernel: IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
Feb 19 14:52:47 vz1 kernel: TCP established hash table entries: 131072 (order: 8, 1048576 bytes)
Feb 19 14:52:47 vz1 kernel: TCP bind hash table entries: 65536 (order: 7, 524288 bytes)
Feb 19 14:52:47 vz1 kernel: TCP: Hash tables configured (established 131072 bind 65536)
Feb 19 14:52:47 vz1 kernel: TCP reno registered
Feb 19 14:52:47 vz1 kernel: highmem bounce pool size: 64 pages
Feb 19 14:52:47 vz1 kernel: VFS: Disk quotas dquot_6.5.1

```

Feb 19 14:52:47 vz1 kernel: Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
Feb 19 14:52:47 vz1 kernel: Initializing Cryptographic API
Feb 19 14:52:47 vz1 kernel: io scheduler noop registered
Feb 19 14:52:47 vz1 kernel: io scheduler anticipatory registered
Feb 19 14:52:47 vz1 kernel: io scheduler deadline registered
Feb 19 14:52:47 vz1 kernel: io scheduler cfq registered (default)
Feb 19 14:52:47 vz1 kernel: pci_hotplug: PCI Hot Plug PCI Core version: 0.5
Feb 19 14:52:47 vz1 kernel: Real Time Clock Driver v1.12ac
Feb 19 14:52:47 vz1 kernel: Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing
disabled
Feb 19 14:52:47 vz1 kernel: serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
Feb 19 14:52:47 vz1 kernel: RAMDISK driver initialized: 16 RAM disks of 16384K size 1024
blocksize
Feb 19 14:52:47 vz1 kernel: Compaq SMART2 Driver (v 2.6.0)
Feb 19 14:52:47 vz1 kernel: HP CISS Driver (v 3.6.10)
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 16
Feb 19 14:52:47 vz1 kernel: cciss0: <0xb178> at PCI 0000:00:01.0 IRQ 16 using DAC
Feb 19 14:52:47 vz1 kernel: ACPI: PCI Interrupt 0000:07:04.0[A] -> GSI 29 (level, low) -> IRQ 17
Feb 19 14:52:47 vz1 kernel: cciss1: <0xb060> at PCI 0000:07:04.0 IRQ 17 using DAC
Feb 19 14:52:47 vz1 kernel:      blocks= 284522880 block_size= 512
Feb 19 14:52:47 vz1 kernel:      heads= 255, sectors= 32, cylinders= 34868
Feb 19 14:52:47 vz1 kernel:
Feb 19 14:52:47 vz1 kernel:      blocks= 284522880 block_size= 512
Feb 19 14:52:47 vz1 kernel:      heads= 255, sectors= 32, cylinders= 34868
Feb 19 14:52:47 vz1 kernel:
Feb 19 14:52:47 vz1 kernel: cciss/c1d0: p1 p2
Feb 19 14:52:47 vz1 kernel: Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
Feb 19 14:52:47 vz1 kernel: ide: Assuming 33MHz system bus speed for PIO modes; override
with idebus=xx
Feb 19 14:52:47 vz1 kernel: SvrWks OSB4: IDE controller at PCI slot 0000:00:0f.1
Feb 19 14:52:47 vz1 kernel: SvrWks OSB4: chipset revision 0
Feb 19 14:52:47 vz1 kernel: SvrWks OSB4: not 100% native mode: will probe irqs later
Feb 19 14:52:47 vz1 kernel:   ide0: BM-DMA at 0x2c00-0x2c07, BIOS settings: hda:pio, hdb:pio
Feb 19 14:52:47 vz1 kernel:   ide1: BM-DMA at 0x2c08-0x2c0f, BIOS settings: hdc:pio, hdd:pio
Feb 19 14:52:48 vz1 kernel: hda: COMPAQ CD-ROM SN-124Q, ATAPI CD/DVD-ROM drive
Feb 19 14:52:48 vz1 kernel: ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
Feb 19 14:52:48 vz1 kernel: Loading iSCSI transport class v1.1-646.<6>Adaptec aacraid driver
(1.1-5[2409]-mh2)
Feb 19 14:52:48 vz1 kernel: QLogic Fibre Channel HBA Driver
Feb 19 14:52:48 vz1 kernel: Emulex LightPulse Fibre Channel SCSI driver 8.1.9
Feb 19 14:52:48 vz1 kernel: Copyright(c) 2004-2006 Emulex. All rights reserved.
Feb 19 14:52:48 vz1 kernel: megaraid cmm: 2.20.2.7 (Release Date: Sun Jul 16 00:01:03 EST
2006)
Feb 19 14:52:48 vz1 kernel: megaraid: 2.20.4.9 (Release Date: Sun Jul 16 12:27:22 EST 2006)
Feb 19 14:52:48 vz1 kernel: megasas: 00.00.03.01 Sun May 14 22:49:52 PDT 2006
Feb 19 14:52:48 vz1 kernel: GDT-HA: Storage RAID Controller Driver. Version: 3.05
Feb 19 14:52:48 vz1 kernel: GDT-HA: Found 0 PCI Storage RAID Controllers
Feb 19 14:52:48 vz1 kernel: 3ware Storage Controller device driver for Linux v1.26.02.001.

```

```

Feb 19 14:52:48 vz1 kernel: 3ware 9000 Storage Controller device driver for Linux v2.26.02.007.
Feb 19 14:52:48 vz1 kernel: serio: i8042 AUX port at 0x60,0x64 irq 12
Feb 19 14:52:48 vz1 kernel: serio: i8042 KBD port at 0x60,0x64 irq 1
Feb 19 14:52:48 vz1 kernel: mice: PS/2 mouse device common for all mice
Feb 19 14:52:48 vz1 kernel: md: linear personality registered for level -1
Feb 19 14:52:48 vz1 kernel: md: raid0 personality registered for level 0
Feb 19 14:52:48 vz1 kernel: md: raid1 personality registered for level 1
Feb 19 14:52:48 vz1 kernel: md: raid10 personality registered for level 10
Feb 19 14:52:48 vz1 kernel: raid6: int32x1 453 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: int32x2 566 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: int32x4 394 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: int32x8 378 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: mmxx1 1351 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: mmxx2 1613 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: sse1x1 953 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: sse1x2 1628 MB/s
Feb 19 14:52:48 vz1 kernel: raid6: using algorithm sse1x2 (1628 MB/s)
Feb 19 14:52:48 vz1 kernel: md: raid6 personality registered for level 6
Feb 19 14:52:48 vz1 kernel: md: raid5 personality registered for level 5
Feb 19 14:52:48 vz1 kernel: md: raid4 personality registered for level 4
Feb 19 14:52:48 vz1 kernel: raid5: automatically using best checksumming function: pIII_sse
Feb 19 14:52:48 vz1 kernel: pIII_sse : 3140.000 MB/sec
Feb 19 14:52:48 vz1 kernel: raid5: using function: pIII_sse (3140.000 MB/sec)
Feb 19 14:52:48 vz1 kernel: md: multipath personality registered for level -4
Feb 19 14:52:48 vz1 kernel: md: md driver 0.90.3 MAX_MD_DEVS=256, MD_SB_DISKS=27
Feb 19 14:52:48 vz1 kernel: md: bitmap version 4.39
Feb 19 14:52:48 vz1 kernel: device-mapper: ioctl: 4.7.0-ioctl (2006-06-24) initialised:
dm-devel@redhat.com
Feb 19 14:52:48 vz1 kernel: device-mapper: multipath: version 1.0.4 loaded
Feb 19 14:52:48 vz1 kernel: device-mapper: multipath round-robin: version 1.0.0 loaded
Feb 19 14:52:48 vz1 kernel: device-mapper: multipath emc: version 0.0.3 loaded
Feb 19 14:52:48 vz1 kernel: TCP bic registered
Feb 19 14:52:48 vz1 kernel: NET: Registered protocol family 1
Feb 19 14:52:48 vz1 kernel: NET: Registered protocol family 10
Feb 19 14:52:48 vz1 kernel: IPv6 over IPv4 tunneling driver
Feb 19 14:52:48 vz1 kernel: Starting balanced_irq
Feb 19 14:52:48 vz1 kernel: Using IPI Shortcut mode
Feb 19 14:52:48 vz1 kernel: Time: tsc clocksource has been installed.
Feb 19 14:52:48 vz1 kernel: Freeing unused kernel memory: 300k freed
Feb 19 14:52:48 vz1 kernel: input: AT Translated Set 2 keyboard as /class/input/input0
Feb 19 14:52:48 vz1 kernel: kjournald starting. Commit interval 5 seconds
Feb 19 14:52:48 vz1 kernel: EXT3-fs: mounted filesystem with ordered data mode.
Feb 19 14:52:48 vz1 kernel: input: ImPS/2 Generic Wheel Mouse as /class/input/input1
Feb 19 14:52:48 vz1 kernel: hda: ATAPI 24X CD-ROM drive, 128kB Cache
Feb 19 14:52:48 vz1 kernel: Uniform CD-ROM driver Revision: 3.20
Feb 19 14:52:48 vz1 kernel: Floppy drive(s): fd0 is 1.44M
Feb 19 14:52:48 vz1 kernel: FDC 0 is a National Semiconductor PC87306
Feb 19 14:52:48 vz1 kernel: Ethernet Channel Bonding Driver: v3.0.3 (March 23, 2006)

```


Feb 19 14:52:48 vz1 kernel: bonding: In ALB mode you might experience client disconnections upon reconnection of a link if the bonding module updelay parameter (0 msec) is incompatible with the forwarding delay time of the switch

Feb 19 14:52:48 vz1 kernel: bonding: MII link monitoring set to 100 ms

Feb 19 14:52:48 vz1 kernel: e100: Intel(R) PRO/100 Network Driver, 3.5.10-k2-NAPI

Feb 19 14:52:48 vz1 kernel: e100: Copyright(c) 1999-2005 Intel Corporation

Feb 19 14:52:48 vz1 kernel: ACPI: PCI Interrupt 0000:00:02.0[A] -> GSI 18 (level, low) -> IRQ 18

Feb 19 14:52:48 vz1 kernel: e100: eth0: e100_probe: addr 0xf7cb0000, irq 18, MAC addr 00:08:02:25:2E:F3

Feb 19 14:52:48 vz1 kernel: ACPI: PCI Interrupt 0000:00:04.0[A] -> GSI 20 (level, low) -> IRQ 19

Feb 19 14:52:48 vz1 kernel: e100: eth1: e100_probe: addr 0xf7af0000, irq 19, MAC addr 00:08:02:25:2E:F2

Feb 19 14:52:48 vz1 kernel: piix4_smbus 0000:00:0f.0: Found 0000:00:0f.0 device

Feb 19 14:52:48 vz1 kernel: piix4_smbus 0000:00:0f.0: SMB base address uninitialized - upgrade BIOS or use force_addr=0xaddr

Feb 19 14:52:48 vz1 kernel: usbcore: registered new driver usbfs

Feb 19 14:52:48 vz1 kernel: usbcore: registered new driver hub

Feb 19 14:52:48 vz1 kernel: ACPI: PCI Interrupt 0000:00:0f.2[A] -> GSI 22 (level, low) -> IRQ 20

Feb 19 14:52:48 vz1 kernel: ohci_hcd 0000:00:0f.2: OHCI Host Controller

Feb 19 14:52:48 vz1 kernel: ohci_hcd 0000:00:0f.2: new USB bus registered, assigned bus number 1

Feb 19 14:52:48 vz1 kernel: ohci_hcd 0000:00:0f.2: irq 20, io mem 0xf5fd0000

Feb 19 14:52:48 vz1 kernel: usb usb1: configuration #1 chosen from 1 choice

Feb 19 14:52:48 vz1 kernel: hub 1-0:1.0: USB hub found

Feb 19 14:52:48 vz1 kernel: hub 1-0:1.0: 4 ports detected

Feb 19 14:52:48 vz1 kernel: md: Autodetecting RAID arrays.

Feb 19 14:52:48 vz1 kernel: md: autorun ...

Feb 19 14:52:48 vz1 kernel: md: ... autorun DONE.

Feb 19 14:52:48 vz1 kernel: ACPI: Power Button (FF) [PWRF]

Feb 19 14:52:48 vz1 kernel: Using specific hotkey driver

Feb 19 14:52:48 vz1 kernel: ibm_acpi: ec object not found

Feb 19 14:52:48 vz1 kernel: ACPI: Getting cpuindex for acpiid 0x1

Feb 19 14:52:48 vz1 kernel: ACPI: Getting cpuindex for acpiid 0x2

Feb 19 14:52:48 vz1 kernel: ACPI: Thermal Zone [THM0] (8 C)

Feb 19 14:52:48 vz1 kernel: EXT3 FS on dm-0, internal journal

Feb 19 14:52:48 vz1 kernel: kjournald starting. Commit interval 5 seconds

Feb 19 14:52:48 vz1 kernel: EXT3 FS on cciss/c1d0p1, internal journal

Feb 19 14:52:48 vz1 kernel: EXT3-fs: mounted filesystem with ordered data mode.

Feb 19 14:52:48 vz1 kernel: Adding 2031608k swap on /dev/VolGroup00/LogVol01. Priority:-1 extents:1 across:2031608k

Feb 19 14:52:48 vz1 kernel: IA-32 Microcode Update Driver: v1.14a <tigran@veritas.com>

Feb 19 14:52:48 vz1 kernel: ip_tables: (C) 2000-2006 Netfilter Core Team

Feb 19 14:52:48 vz1 kernel: ip_conntrack version 2.4 (8192 buckets, 65536 max) - 208 bytes per conntrack

Feb 19 14:52:48 vz1 kernel: NET: Registered protocol family 17

Feb 19 14:52:48 vz1 kernel: ADDRCONF(NETDEV_UP): bond0: link is not ready

Feb 19 14:52:48 vz1 kernel: e100: eth0: e100_watchdog: link up, 100Mbps, full-duplex

Feb 19 14:52:48 vz1 kernel: bonding: bond0: making interface eth0 the new active one.

Feb 19 14:52:48 vz1 kernel: bonding: bond0: enslaving eth0 as an active interface with an up link.
Feb 19 14:52:48 vz1 kernel: ADDRCONF(NETDEV_CHANGE): bond0: link becomes ready
Feb 19 14:52:48 vz1 kernel: e100: eth1: e100_watchdog: link up, 100Mbps, full-duplex
Feb 19 14:52:48 vz1 kernel: bonding: bond0: enslaving eth1 as an active interface with an up link.
Feb 19 14:52:48 vz1 kernel: bonding: bond0: Warning: the permanent HWaddr of eth0 - 00:08:02:25:2E:F3 - is still in use by bond0. Set the HWaddr of eth0 to a different address to avoid conflicts.
Feb 19 14:52:48 vz1 kernel: bonding: bond0: releasing active interface eth0
Feb 19 14:52:48 vz1 kernel: bonding: bond0: making interface eth1 the new active one.
Feb 19 14:52:48 vz1 kernel: e100: eth0: e100_watchdog: link up, 100Mbps, full-duplex
Feb 19 14:52:48 vz1 kernel: bonding: bond0: Warning: the hw address of slave eth0 is in use by the bond; giving it the hw address of eth1
Feb 19 14:52:48 vz1 kernel: bonding: bond0: enslaving eth0 as an active interface with an up link.
Feb 19 14:52:48 vz1 kernel: bonding: bond0: releasing active interface eth1
Feb 19 14:52:48 vz1 kernel: bonding: bond0: making interface eth0 the new active one.
Feb 19 14:52:48 vz1 kernel: e100: eth1: e100_watchdog: link up, 100Mbps, full-duplex
Feb 19 14:52:48 vz1 kernel: bonding: bond0: enslaving eth1 as an active interface with an up link.
Feb 19 14:52:48 vz1 irqbalance: irqbalance startup succeeded
Feb 19 14:52:48 vz1 autofs: automount startup succeeded
Feb 19 14:52:48 vz1 smartd[8304]: smartd version 5.33 [i686-redhat-linux-gnu] Copyright (C) 2002-4 Bruce Allen
Feb 19 14:52:48 vz1 smartd[8304]: Home page is <http://smartmontools.sourceforge.net/>
Feb 19 14:52:48 vz1 smartd[8304]: Opened configuration file /etc/smartd.conf
Feb 19 14:52:48 vz1 smartd[8304]: Configuration file /etc/smartd.conf parsed but has no entries (like /dev/hda)
Feb 19 14:52:48 vz1 smartd[8304]: Unable to monitor any SMART enabled devices. Try debug (-d) option. Exiting...
Feb 19 14:52:48 vz1 smartd: smartd startup failed
Feb 19 14:52:48 vz1 acpid: acpid startup succeeded
Feb 19 14:52:49 vz1 kernel: lp: driver loaded but no devices found
Feb 19 14:52:49 vz1 cups: cupsd startup succeeded
Feb 19 14:52:49 vz1 sshd: succeeded
Feb 19 09:52:30 vz1 rc.sysinit: -e
Feb 19 09:52:31 vz1 udevsend[2451]: starting udevd daemon
Feb 19 09:52:34 vz1 start_udev: Starting udev: succeeded
Feb 19 09:52:36 vz1 rc.sysinit: -e
Feb 19 09:52:36 vz1 sysctl: net.ipv4.ip_forward = 0
Feb 19 09:52:36 vz1 sysctl: net.ipv4.conf.default.rp_filter = 1
Feb 19 09:52:36 vz1 sysctl: net.ipv4.conf.default.accept_source_route = 0
Feb 19 09:52:36 vz1 sysctl: kernel.sysrq = 0
Feb 19 09:52:36 vz1 sysctl: kernel.core_uses_pid = 1
Feb 19 09:52:36 vz1 rc.sysinit: Configuring kernel parameters: succeeded
Feb 19 14:52:38 vz1 date: Mon Feb 19 14:52:38 EST 2007
Feb 19 14:52:38 vz1 rc.sysinit: Setting clock (localtime): Mon Feb 19 14:52:38 EST 2007 succeeded
Feb 19 14:52:38 vz1 rc.sysinit: Loading default keymap succeeded
Feb 19 14:52:38 vz1 rc.sysinit: Setting hostname localhost.localdomain: succeeded
Feb 19 14:52:38 vz1 fsck: /dev/VolGroup00/LogVol00: clean, 117412/17514496 files,

1414610/35004416 blocks
Feb 19 14:52:38 vz1 rc.sysinit: Checking root filesystem succeeded
Feb 19 14:52:38 vz1 rc.sysinit: Remounting root filesystem in read-write mode: succeeded
Feb 19 14:52:38 vz1 lvm.static: 2 logical volume(s) in volume group VolGroup00 now active
Feb 19 14:52:38 vz1 rc.sysinit: Setting up Logical Volume Management: succeeded
Feb 19 14:52:38 vz1 fsck: /boot: clean, 57/26104 files, 39144/104388 blocks
Feb 19 14:52:38 vz1 rc.sysinit: Checking filesystems succeeded
Feb 19 14:52:38 vz1 rc.sysinit: Mounting local filesystems: succeeded
Feb 19 14:52:38 vz1 rc.sysinit: Enabling local filesystem quotas: succeeded
Feb 19 14:52:39 vz1 rc.sysinit: Enabling swap space: succeeded
Feb 19 14:52:39 vz1 init: Entering runlevel: 3
Feb 19 14:52:39 vz1 microcode_ctl: microcode_ctl startup succeeded
Feb 19 14:52:45 vz1 kudzu: succeeded
Feb 19 14:52:45 vz1 iptables: succeeded
Feb 19 14:52:45 vz1 sysctl: net.ipv4.ip_forward = 0
Feb 19 14:52:45 vz1 sysctl: net.ipv4.conf.default.rp_filter = 1
Feb 19 14:52:45 vz1 sysctl: net.ipv4.conf.default.accept_source_route = 0
Feb 19 14:52:45 vz1 sysctl: kernel.sysrq = 0
Feb 19 14:52:45 vz1 sysctl: kernel.core_uses_pid = 1
Feb 19 14:52:45 vz1 network: Setting network parameters: succeeded
Feb 19 14:52:45 vz1 network: Bringing up loopback interface: succeeded
Feb 19 14:52:45 vz1 ifup: Enslaving eth0 to bond0
Feb 19 14:52:46 vz1 ifup: Enslaving eth1 to bond0
Feb 19 14:52:46 vz1 ifup:
Feb 19 14:52:46 vz1 ifup: Determining IP information for bond0...
Feb 19 14:52:46 vz1 dhclient: DHCPREQUEST on bond0 to 255.255.255.255 port 67
Feb 19 14:52:46 vz1 dhclient: DHCPACK from 10.107.208.1
Feb 19 14:52:46 vz1 NET: /sbin/dhclient-script : updated /etc/resolv.conf
Feb 19 14:52:46 vz1 dhclient: bound to 10.107.208.110 -- renewal in 21549 seconds.
Feb 19 14:52:46 vz1 ifup: done.
Feb 19 14:52:46 vz1 ifup: Enslaving eth0 to bond0
Feb 19 14:52:46 vz1 ifup: Enslaving eth1 to bond0
Feb 19 14:52:47 vz1 network: Bringing up interface bond0: succeeded
Feb 19 14:52:53 vz1 ntpdate[8406]: step time server 10.107.208.1 offset -0.437524 sec
Feb 19 14:52:53 vz1 ntpd: succeeded
Feb 19 14:52:53 vz1 ntpd[8410]: ntpd 4.2.0a@1.1190-r Sun Aug 13 01:49:12 CDT 2006 (1)
Feb 19 14:52:53 vz1 ntpd: ntpd startup succeeded
Feb 19 14:52:54 vz1 ntpd[8410]: precision = 1.000 usec
Feb 19 14:52:54 vz1 ntpd[8410]: Listening on interface wildcard, 0.0.0.0#123
Feb 19 14:52:54 vz1 ntpd[8410]: Listening on interface wildcard, ::#123
Feb 19 14:52:54 vz1 ntpd[8410]: Listening on interface lo, 127.0.0.1#123
Feb 19 14:52:54 vz1 ntpd[8410]: Listening on interface bond0, 10.107.208.110#123
Feb 19 14:52:54 vz1 ntpd[8410]: kernel time sync status 0040
Feb 19 14:52:54 vz1 ntpd[8410]: frequency initialized 0.000 PPM from /var/lib/ntp/drift
Feb 19 14:52:54 vz1 sendmail: sendmail startup succeeded
Feb 19 14:52:54 vz1 sendmail: sm-client startup succeeded
Feb 19 14:52:54 vz1 crond: crond startup succeeded
Feb 19 14:52:54 vz1 anacron: anacron startup succeeded

```
Feb 19 14:52:54 vz1 atd: atd startup succeeded
Feb 19 14:52:54 vz1 messagebus: messagebus startup succeeded
Feb 19 14:52:54 vz1 cups-config-daemon: cups-config-daemon startup succeeded
Feb 19 14:52:54 vz1 haldaemon: haldaemon startup succeeded
Feb 19 14:56:06 vz1 ntpd[8410]: synchronized to LOCAL(0), stratum 5
Feb 19 14:56:06 vz1 ntpd[8410]: kernel time sync disabled 0041
Feb 19 14:57:11 vz1 ntpd[8410]: kernel time sync enabled 0001
Feb 19 14:58:10 vz1 sshd(pam_unix)[8885]: session opened for user root by root(uid=0)
Feb 19 14:58:14 vz1 ntpd[8410]: synchronized to 10.107.208.1, stratum 3
```

This is the messages file for the 2.6.18.6 kernel:

```
[root@vz1 ~]# cat /var/log/messages
```

```
Feb 19 15:02:37 vz1 shutdown: shutting down for system reboot
Feb 19 15:02:37 vz1 init: Switching to runlevel: 6
Feb 19 15:02:38 vz1 cups-config-daemon: cups-config-daemon -TERM succeeded
Feb 19 15:02:38 vz1 haldaemon: haldaemon shutdown failed
Feb 19 15:02:38 vz1 messagebus: messagebus -TERM succeeded
Feb 19 15:02:38 vz1 atd: atd shutdown succeeded
Feb 19 15:02:38 vz1 cups: cupsd shutdown succeeded
Feb 19 15:02:38 vz1 sshd: sshd -TERM succeeded
Feb 19 15:02:39 vz1 sendmail: sendmail shutdown succeeded
Feb 19 15:02:39 vz1 sendmail: sm-client shutdown succeeded
Feb 19 15:02:39 vz1 smartd: smartd shutdown failed
Feb 19 15:02:39 vz1 acpid: acpid shutdown succeeded
Feb 19 15:02:39 vz1 crond: crond shutdown succeeded
Feb 19 15:02:39 vz1 ntpd[8410]: ntpd exiting on signal 15
Feb 19 15:02:39 vz1 ntpd: ntpd shutdown succeeded
Feb 19 15:02:39 vz1 irqbalance: irqbalance shutdown succeeded
Feb 19 15:02:39 vz1 kernel: Kernel logging (proc) stopped.
Feb 19 15:02:39 vz1 kernel: Kernel log daemon terminating.
Feb 19 15:02:40 vz1 syslog: klogd shutdown succeeded
Feb 19 15:02:40 vz1 exiting on signal 15
Feb 19 15:04:34 vz1 syslogd 1.4.1: restart.
Feb 19 15:04:34 vz1 syslog: syslogd startup succeeded
Feb 19 15:04:34 vz1 kernel: klogd 1.4.1, log source = /proc/kmsg started.
Feb 19 15:04:34 vz1 kernel: Linux version 2.6.18.6 (root@vz1.home.arswiki.org) (gcc version 3.4.6 20060404 (Red Hat 3.4.6-3)) #2 SMP Mon Feb 19 13:54:19 EST 2007
Feb 19 15:04:34 vz1 kernel: BIOS-provided physical RAM map:
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 0000000000000000 - 000000000009ec00 (usable)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 000000000009ec00 - 00000000000a0000 (reserved)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 0000000000100000 - 0000000008fffc00 (usable)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 0000000008fffc00 - 0000000009000000 (ACPI data)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 00000000fec00000 - 00000000fec10000 (reserved)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 00000000fee00000 - 00000000fee10000 (reserved)
Feb 19 15:04:34 vz1 kernel: BIOS-e820: 00000000ffc00000 - 0000000100000000 (reserved)
```


Feb 19 15:04:34 vz1 kernel: 1407MB HIGHMEM available.
Feb 19 15:04:34 vz1 kernel: 896MB LOWMEM available.
Feb 19 15:04:34 vz1 kernel: found SMP MP-table at 000f4fd0
Feb 19 15:04:34 vz1 syslog: klogd startup succeeded
Feb 19 15:04:34 vz1 kernel: DMI 2.3 present.
Feb 19 15:04:34 vz1 kernel: Using APIC driver default
Feb 19 15:04:34 vz1 kernel: ACPI: PM-Timer IO Port: 0x240
Feb 19 15:04:34 vz1 kernel: ACPI: LAPIC (acpi_id[0x00] lapic_id[0x00] enabled)
Feb 19 15:04:34 vz1 kernel: Processor #0 6:11 APIC version 17
Feb 19 15:04:34 vz1 kernel: ACPI: LAPIC (acpi_id[0x01] lapic_id[0x01] disabled)
Feb 19 15:04:34 vz1 kernel: ACPI: LAPIC (acpi_id[0x02] lapic_id[0x02] disabled)
Feb 19 15:04:34 vz1 kernel: ACPI: LAPIC (acpi_id[0x03] lapic_id[0x03] enabled)
Feb 19 15:04:34 vz1 kernel: Processor #3 6:11 APIC version 17
Feb 19 15:04:34 vz1 kernel: ACPI: LAPIC_NMI (acpi_id[0xff] dfl dfl lint[0x1])
Feb 19 15:04:34 vz1 kernel: ACPI: IOAPIC (id[0x08] address[0xfec00000] gsi_base[0])
Feb 19 15:04:34 vz1 kernel: IOAPIC[0]: apic_id 8, version 17, address 0xfec00000, GSI 0-15
Feb 19 15:04:34 vz1 kernel: ACPI: IOAPIC (id[0x02] address[0xfec01000] gsi_base[16])
Feb 19 15:04:34 vz1 kernel: IOAPIC[1]: apic_id 2, version 17, address 0xfec01000, GSI 16-31
Feb 19 15:04:34 vz1 kernel: ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 high edge)
Feb 19 15:04:34 vz1 kernel: Enabling APIC mode: Flat. Using 2 I/O APICs
Feb 19 15:04:34 vz1 kernel: Using ACPI (MADT) for SMP configuration information
Feb 19 15:04:34 vz1 kernel: Allocating PCI resources starting at 98000000 (gap: 90000000:6ec00000)
Feb 19 15:04:34 vz1 kernel: Detected 1396.496 MHz processor.
Feb 19 15:04:34 vz1 kernel: Built 1 zonelists. Total pages: 589820
Feb 19 15:04:34 vz1 kernel: Kernel command line: ro root=/dev/VolGroup00/LogVol00
Feb 19 15:04:34 vz1 kernel: Enabling fast FPU save and restore... done.
Feb 19 15:04:34 vz1 kernel: Enabling unmasked SIMD FPU exception support... done.
Feb 19 15:04:34 vz1 kernel: Initializing CPU#0
Feb 19 15:04:34 vz1 kernel: CPU 0 irqstacks, hard=c041c000 soft=c03fc000
Feb 19 15:04:34 vz1 kernel: PID hash table entries: 4096 (order: 12, 16384 bytes)
Feb 19 15:04:34 vz1 kernel: Console: colour VGA+ 80x25
Feb 19 15:04:34 vz1 kernel: Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)
Feb 19 15:04:34 vz1 kernel: Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)
Feb 19 15:04:34 vz1 kernel: Memory: 2329148k/2359280k available (1958k kernel code, 28824k reserved, 847k data, 212k init, 1441776k highmem)
Feb 19 15:04:34 vz1 kernel: Checking if this processor honours the WP bit even in supervisor mode... Ok.
Feb 19 15:04:34 vz1 kernel: Calibrating delay using timer specific routine.. 2794.43 BogoMIPS (lpj=5588876)
Feb 19 15:04:34 vz1 kernel: Security Framework v1.0.0 initialized
Feb 19 15:04:34 vz1 kernel: SELinux: Initializing.
Feb 19 15:04:34 vz1 kernel: SELinux: Starting in permissive mode
Feb 19 15:04:34 vz1 kernel: selinux_register_security: Registering secondary module capability
Feb 19 15:04:34 vz1 kernel: Capability LSM initialized as secondary
Feb 19 15:04:34 vz1 kernel: Mount-cache hash table entries: 512
Feb 19 15:04:34 vz1 kernel: CPU: L1 I cache: 16K, L1 D cache: 16K
Feb 19 15:04:34 vz1 kernel: CPU: L2 cache: 512K

Feb 19 15:04:34 vz1 kernel: Intel machine check architecture supported.
Feb 19 15:04:34 vz1 kernel: Intel machine check reporting enabled on CPU#0.
Feb 19 15:04:34 vz1 kernel: Compat vDSO mapped to fffe000.
Feb 19 15:04:34 vz1 kernel: Checking 'hlt' instruction... OK.
Feb 19 15:04:34 vz1 kernel: Freeing SMP alternatives: 12k freed
Feb 19 15:04:34 vz1 kernel: ACPI: Core revision 20060707
Feb 19 15:04:34 vz1 kernel: CPU0: Intel(R) Pentium(R) III CPU family 1400MHz stepping 01
Feb 19 15:04:34 vz1 kernel: Booting processor 1/0 eip 2000
Feb 19 15:04:34 vz1 kernel: CPU 1 irqstacks, hard=c041d000 soft=c03fd000
Feb 19 15:04:34 vz1 kernel: Initializing CPU#1
Feb 19 15:04:34 vz1 kernel: Calibrating delay using timer specific routine.. 2793.10 BogoMIPS (lpj=5586219)
Feb 19 15:04:34 vz1 kernel: CPU: L1 I cache: 16K, L1 D cache: 16K
Feb 19 15:04:34 vz1 kernel: CPU: L2 cache: 512K
Feb 19 15:04:34 vz1 kernel: Intel machine check architecture supported.
Feb 19 15:04:34 vz1 kernel: Intel machine check reporting enabled on CPU#1.
Feb 19 15:04:34 vz1 kernel: CPU1: Intel(R) Pentium(R) III CPU family 1400MHz stepping 01
Feb 19 15:04:34 vz1 kernel: Total of 2 processors activated (5587.54 BogoMIPS).
Feb 19 15:04:34 vz1 kernel: ENABLING IO-APIC IRQs
Feb 19 15:04:34 vz1 kernel: ..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
Feb 19 15:04:34 vz1 kernel: ..MP-BIOS bug: 8254 timer not connected to IO-APIC
Feb 19 15:04:34 vz1 kernel: ...trying to set up timer (IRQ0) through the 8259A ... failed.
Feb 19 15:04:34 vz1 kernel: ...trying to set up timer as Virtual Wire IRQ... works.
Feb 19 15:04:34 vz1 kernel: checking TSC synchronization across 2 CPUs: passed.
Feb 19 15:04:34 vz1 kernel: Brought up 2 CPUs
Feb 19 15:04:34 vz1 kernel: migration_cost=1535
Feb 19 15:04:34 vz1 kernel: checking if image is initramfs... it is
Feb 19 15:04:34 vz1 kernel: Freeing initrd memory: 1097k freed
Feb 19 15:04:34 vz1 kernel: NET: Registered protocol family 16
Feb 19 15:04:34 vz1 kernel: ACPI: bus type pci registered
Feb 19 15:04:34 vz1 kernel: PCI: PCI BIOS revision 2.10 entry at 0xf0094, last bus=10
Feb 19 15:04:34 vz1 kernel: PCI: Using configuration type 1
Feb 19 15:04:34 vz1 kernel: Setting up standard PCI resources
Feb 19 15:04:34 vz1 kernel: mtrr: your CPUs had inconsistent fixed MTRR settings
Feb 19 15:04:34 vz1 kernel: mtrr: probably your BIOS does not setup all CPUs.
Feb 19 15:04:34 vz1 kernel: mtrr: corrected configuration.
Feb 19 15:04:34 vz1 kernel: ACPI: Interpreter enabled
Feb 19 15:04:34 vz1 kernel: ACPI: Using IOAPIC for interrupt routing
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Root Bridge [PCI0] (0000:00)
Feb 19 15:04:34 vz1 kernel: PCI: Firmware left 0000:00:02.0 e100 interrupts enabled, disabling
Feb 19 15:04:34 vz1 kernel: PCI: Firmware left 0000:00:04.0 e100 interrupts enabled, disabling
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Root Bridge [PCI1] (0000:01)
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Root Bridge [PCI2] (0000:07)
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA0] (IRQs 15) *0, disabled.
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA2] (IRQs 15) *0, disabled.
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA4] (IRQs 15) *7
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA5] (IRQs 15) *10
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA6] (IRQs 15) *11

```

Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA7] (IRQs *15)
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INA8] (IRQs 15) *0, disabled.
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INAC] (IRQs 15) *0, disabled.
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt Link [INAD] (IRQs 15) *3
Feb 19 15:04:34 vz1 kernel: Linux Plug and Play Support v0.97 (c) Adam Belay
Feb 19 15:04:34 vz1 kernel: pnp: PnP ACPI init
Feb 19 15:04:34 vz1 kernel: pnp: PnP ACPI: found 11 devices
Feb 19 15:04:34 vz1 kernel: usbcore: registered new driver usbfs
Feb 19 15:04:34 vz1 kernel: usbcore: registered new driver hub
Feb 19 15:04:34 vz1 kernel: PCI: Using ACPI for IRQ routing
Feb 19 15:04:34 vz1 kernel: PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a
report
Feb 19 15:04:34 vz1 kernel: PCI: Device 0000:00:00.0 not found by BIOS
Feb 19 15:04:34 vz1 kernel: PCI: Device 0000:00:00.1 not found by BIOS
Feb 19 15:04:34 vz1 kernel: PCI: Device 0000:00:00.2 not found by BIOS
Feb 19 15:04:34 vz1 kernel: PCI: Device 0000:00:00.3 not found by BIOS
Feb 19 15:04:34 vz1 kernel: PCI: Device 0000:00:0f.0 not found by BIOS
Feb 19 15:04:34 vz1 kernel: pnp: 00:01: ioport range 0xf50-0xf58 has been reserved
Feb 19 15:04:34 vz1 kernel: pnp: 00:01: ioport range 0x408-0x40f has been reserved
Feb 19 15:04:34 vz1 kernel: pnp: 00:01: ioport range 0x4d0-0x4d1 has been reserved
Feb 19 15:04:34 vz1 kernel: pnp: 00:01: ioport range 0xc06-0xc08 has been reserved
Feb 19 15:04:34 vz1 kernel: pnp: 00:01: ioport range 0xc14-0xc14 has been reserved
Feb 19 15:04:34 vz1 kernel: pnp: 00:01: ioport range 0xc49-0xc4a has been reserved
Feb 19 15:04:34 vz1 kernel: NET: Registered protocol family 2
Feb 19 15:04:34 vz1 kernel: IP route cache hash table entries: 32768 (order: 5, 131072 bytes)
Feb 19 15:04:34 vz1 kernel: TCP established hash table entries: 131072 (order: 9, 2621440
bytes)
Feb 19 15:04:34 vz1 kernel: TCP bind hash table entries: 65536 (order: 8, 1310720 bytes)
Feb 19 15:04:34 vz1 kernel: TCP: Hash tables configured (established 131072 bind 65536)
Feb 19 15:04:34 vz1 kernel: TCP reno registered
Feb 19 15:04:34 vz1 kernel: apm: BIOS not found.
Feb 19 15:04:34 vz1 kernel: audit: initializing netlink socket (disabled)
Feb 19 15:04:34 vz1 kernel: audit(1171897448.200:1): initialized
Feb 19 15:04:34 vz1 kernel: highmem bounce pool size: 64 pages
Feb 19 15:04:34 vz1 kernel: Total HugeTLB memory allocated, 0
Feb 19 15:04:34 vz1 kernel: VFS: Disk quotas dquot_6.5.1
Feb 19 15:04:34 vz1 kernel: Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
Feb 19 15:04:34 vz1 kernel: SELinux: Registering netfilter hooks
Feb 19 15:04:34 vz1 kernel: Initializing Cryptographic API
Feb 19 15:04:34 vz1 kernel: io scheduler noop registered
Feb 19 15:04:34 vz1 kernel: io scheduler anticipatory registered
Feb 19 15:04:34 vz1 kernel: io scheduler deadline registered
Feb 19 15:04:34 vz1 kernel: io scheduler cfq registered (default)
Feb 19 15:04:34 vz1 kernel: pci_hotplug: PCI Hot Plug PCI Core version: 0.5
Feb 19 15:04:34 vz1 kernel: ACPI: Getting cpuindex for acpiid 0x1
Feb 19 15:04:34 vz1 kernel: ACPI: Getting cpuindex for acpiid 0x2
Feb 19 15:04:34 vz1 kernel: ACPI: Thermal Zone [THM0] (8 C)
Feb 19 15:04:34 vz1 kernel: Real Time Clock Driver v1.12ac

```

```

Feb 19 15:04:34 vz1 kernel: Linux agpgart interface v0.101 (c) Dave Jones
Feb 19 15:04:34 vz1 kernel: agpgart: unable to determine aperture size.
Feb 19 15:04:34 vz1 kernel: agpgart: agp_backend_initialize() failed.
Feb 19 15:04:34 vz1 kernel: agpgart-serverworks: probe of 0000:00:00.0 failed with error -22
Feb 19 15:04:34 vz1 kernel: agpgart: unable to determine aperture size.
Feb 19 15:04:34 vz1 kernel: agpgart: agp_backend_initialize() failed.
Feb 19 15:04:34 vz1 kernel: agpgart-serverworks: probe of 0000:00:00.1 failed with error -22
Feb 19 15:04:34 vz1 kernel: agpgart: ServerWorks CNB20HE is unsupported due to lack of
documentation.
Feb 19 15:04:34 vz1 kernel: agpgart: ServerWorks CNB20HE is unsupported due to lack of
documentation.
Feb 19 15:04:34 vz1 kernel: [drm] Initialized drm 1.0.1 20051102
Feb 19 15:04:34 vz1 kernel: Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing
enabled
Feb 19 15:04:34 vz1 kernel: serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
Feb 19 15:04:34 vz1 kernel: 00:07: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
Feb 19 15:04:34 vz1 kernel: RAMDISK driver initialized: 16 RAM disks of 16384K size 1024
blocksize
Feb 19 15:04:34 vz1 kernel: Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
Feb 19 15:04:34 vz1 kernel: ide: Assuming 33MHz system bus speed for PIO modes; override
with idebus=xx
Feb 19 15:04:34 vz1 kernel: SvrWks OSB4: IDE controller at PCI slot 0000:00:0f.1
Feb 19 15:04:34 vz1 kernel: SvrWks OSB4: chipset revision 0
Feb 19 15:04:34 vz1 kernel: SvrWks OSB4: not 100% native mode: will probe irqs later
Feb 19 15:04:34 vz1 kernel:   ide0: BM-DMA at 0x2c00-0x2c07, BIOS settings: hda:prio, hdb:prio
Feb 19 15:04:34 vz1 kernel:   ide1: BM-DMA at 0x2c08-0x2c0f, BIOS settings: hdc:prio, hdd:prio
Feb 19 15:04:34 vz1 kernel: hda: COMPAQ CD-ROM SN-124Q, ATAPI CD/DVD-ROM drive
Feb 19 15:04:34 vz1 kernel: ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
Feb 19 15:04:34 vz1 kernel: hda: ATAPI 24X CD-ROM drive, 128kB Cache
Feb 19 15:04:34 vz1 kernel: Uniform CD-ROM driver Revision: 3.20
Feb 19 15:04:34 vz1 kernel: ide-floppy driver 0.99.newide
Feb 19 15:04:34 vz1 kernel: usbmon: debugfs is not available
Feb 19 15:04:34 vz1 kernel: usbcore: registered new driver hiddev
Feb 19 15:04:34 vz1 kernel: usbcore: registered new driver usbhid
Feb 19 15:04:34 vz1 kernel: drivers/usb/input/hid-core.c: v2.6:USB HID core driver
Feb 19 15:04:34 vz1 kernel: PNP: PS/2 Controller [PNP0303:KBD,PNP0f0e:PS2M] at 0x60,0x64
irq 1,12
Feb 19 15:04:34 vz1 kernel: serio: i8042 AUX port at 0x60,0x64 irq 12
Feb 19 15:04:34 vz1 kernel: serio: i8042 KBD port at 0x60,0x64 irq 1
Feb 19 15:04:34 vz1 kernel: mice: PS/2 mouse device common for all mice
Feb 19 15:04:34 vz1 kernel: md: md driver 0.90.3 MAX_MD_DEVS=256, MD_SB_DISKS=27
Feb 19 15:04:34 vz1 kernel: md: bitmap version 4.39
Feb 19 15:04:34 vz1 kernel: TCP bic registered
Feb 19 15:04:34 vz1 kernel: Initializing IPsec netlink socket
Feb 19 15:04:34 vz1 kernel: NET: Registered protocol family 1
Feb 19 15:04:34 vz1 kernel: NET: Registered protocol family 17
Feb 19 15:04:34 vz1 kernel: Using IPI Shortcut mode
Feb 19 15:04:34 vz1 kernel: Freeing unused kernel memory: 212k freed

```

```

Feb 19 15:04:34 vz1 kernel: Time: tsc clocksource has been installed.
Feb 19 15:04:34 vz1 kernel: SCSI subsystem initialized
Feb 19 15:04:34 vz1 kernel: input: AT Translated Set 2 keyboard as /class/input/input0
Feb 19 15:04:34 vz1 kernel: HP CISS Driver (v 3.6.10)
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 169
Feb 19 15:04:34 vz1 kernel: cciss0: <0xb178> at PCI 0000:00:01.0 IRQ 169 using DAC
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt 0000:07:04.0[A] -> GSI 29 (level, low) -> IRQ 177
Feb 19 15:04:34 vz1 kernel: cciss1: <0xb060> at PCI 0000:07:04.0 IRQ 177 using DAC
Feb 19 15:04:34 vz1 kernel:      blocks= 284522880 block_size= 512
Feb 19 15:04:34 vz1 kernel:      heads= 255, sectors= 32, cylinders= 34868
Feb 19 15:04:34 vz1 kernel:
Feb 19 15:04:34 vz1 kernel:      blocks= 284522880 block_size= 512
Feb 19 15:04:34 vz1 kernel:      heads= 255, sectors= 32, cylinders= 34868
Feb 19 15:04:34 vz1 kernel:
Feb 19 15:04:34 vz1 kernel: cciss/c1d0: p1 p2
Feb 19 15:04:34 vz1 kernel: device-mapper: ioctl: 4.7.0-ioctl (2006-06-24) initialised:
dm-devel@redhat.com
Feb 19 15:04:34 vz1 kernel: kjournald starting. Commit interval 5 seconds
Feb 19 15:04:34 vz1 kernel: EXT3-fs: mounted filesystem with ordered data mode.
Feb 19 15:04:34 vz1 kernel: SELinux: Disabled at runtime.
Feb 19 15:04:34 vz1 kernel: SELinux: Unregistering netfilter hooks
Feb 19 15:04:34 vz1 kernel: audit(1171897451.860:2): selinux=0 auid=4294967295
Feb 19 15:04:34 vz1 kernel: input: ImPS/2 Generic Wheel Mouse as /class/input/input1
Feb 19 15:04:34 vz1 kernel: Floppy drive(s): fd0 is 1.44M
Feb 19 15:04:34 vz1 kernel: FDC 0 is a National Semiconductor PC87306
Feb 19 15:04:34 vz1 kernel: Ethernet Channel Bonding Driver: v3.0.3 (March 23, 2006)
Feb 19 15:04:34 vz1 kernel: bonding: In ALB mode you might experience client disconnections
upon reconnection of a link if the bonding module updelay parameter (0 msec) is incompatible
with the forwarding delay time of the switch
Feb 19 15:04:34 vz1 kernel: bonding: MII link monitoring set to 100 ms
Feb 19 15:04:34 vz1 kernel: e100: Intel(R) PRO/100 Network Driver, 3.5.10-k2-NAPI
Feb 19 15:04:34 vz1 kernel: e100: Copyright(c) 1999-2005 Intel Corporation
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt 0000:00:02.0[A] -> GSI 18 (level, low) -> IRQ 185
Feb 19 15:04:34 vz1 kernel: e100: eth0: e100_probe: addr 0xf7cb0000, irq 185, MAC addr
00:08:02:25:2E:F3
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt 0000:00:04.0[A] -> GSI 20 (level, low) -> IRQ 193
Feb 19 15:04:34 vz1 kernel: e100: eth1: e100_probe: addr 0xf7af0000, irq 193, MAC addr
00:08:02:25:2E:F2
Feb 19 15:04:34 vz1 kernel: piix4_smbus 0000:00:0f.0: Found 0000:00:0f.0 device
Feb 19 15:04:34 vz1 kernel: piix4_smbus 0000:00:0f.0: SMB base address uninitialized - upgrade
BIOS or use force_addr=0xaddr
Feb 19 15:04:34 vz1 kernel: ACPI: PCI Interrupt 0000:00:0f.2[A] -> GSI 22 (level, low) -> IRQ 201
Feb 19 15:04:34 vz1 kernel: ohci_hcd 0000:00:0f.2: OHCI Host Controller
Feb 19 15:04:34 vz1 kernel: ohci_hcd 0000:00:0f.2: new USB bus registered, assigned bus
number 1
Feb 19 15:04:34 vz1 kernel: ohci_hcd 0000:00:0f.2: irq 201, io mem 0xf5fd0000
Feb 19 15:04:34 vz1 kernel: usb usb1: configuration #1 chosen from 1 choice
Feb 19 15:04:34 vz1 kernel: hub 1-0:1.0: USB hub found

```



```

Feb 19 15:04:34 vz1 kernel: hub 1-0:1.0: 4 ports detected
Feb 19 15:04:34 vz1 kernel: md: Autodetecting RAID arrays.
Feb 19 15:04:34 vz1 kernel: md: autorun ...
Feb 19 15:04:34 vz1 kernel: md: ... autorun DONE.
Feb 19 15:04:34 vz1 kernel: ACPI: Power Button (FF) [PWRF]
Feb 19 15:04:34 vz1 kernel: EXT3 FS on dm-0, internal journal
Feb 19 15:04:34 vz1 kernel: kjournald starting. Commit interval 5 seconds
Feb 19 15:04:34 vz1 kernel: EXT3 FS on cciss/c1d0p1, internal journal
Feb 19 15:04:34 vz1 kernel: EXT3-fs: mounted filesystem with ordered data mode.
Feb 19 15:04:34 vz1 kernel: Adding 2031608k swap on /dev/VolGroup00/LogVol01. Priority:-1
extents:1 across:2031608k
Feb 19 15:04:34 vz1 kernel: IA-32 Microcode Update Driver: v1.14a <tigran@veritas.com>
Feb 19 15:04:34 vz1 kernel: e100: eth0: e100_watchdog: link up, 100Mbps, full-duplex
Feb 19 15:04:34 vz1 kernel: bonding: bond0: making interface eth0 the new active one.
Feb 19 15:04:34 vz1 kernel: BUG: sleeping function called from invalid context at mm/slab.c:2901
Feb 19 15:04:34 vz1 kernel: in_atomic():1, irqs_disabled():0
Feb 19 15:04:34 vz1 kernel: [<c0119f64>] __might_sleep+0x92/0x9a
Feb 19 15:04:34 vz1 kernel: [<c0157d91>] kmem_cache_alloc+0x1b/0x54
Feb 19 15:04:34 vz1 kernel: [<c028be33>] __alloc_skb+0x25/0xeb
Feb 19 15:04:34 vz1 kernel: [<c0298c6e>] rtmsg_ifinfo+0x1b/0x66
Feb 19 15:04:34 vz1 kernel: [<c0298efd>] rtnetlink_event+0x35/0x38
Feb 19 15:04:34 vz1 kernel: [<c02e8450>] notifier_call_chain+0x1b/0x32
Feb 19 15:04:34 vz1 kernel: [<c0291f21>] dev_set_mac_address+0x42/0x49
Feb 19 15:04:34 vz1 kernel: [<f89972ee>] alb_set_slave_mac_addr+0x5a/0x7f [bonding]
Feb 19 15:04:34 vz1 kernel: [<f89973a2>] alb_swap_mac_addr+0x8f/0x147 [bonding]
Feb 19 15:04:34 vz1 kernel: [<f8997c88>] bond_alb_handle_active_change+0x78/0xca [bonding]
Feb 19 15:04:34 vz1 kernel: [<f8990d0b>] bond_change_active_slave+0x108/0x1a6 [bonding]
Feb 19 15:04:34 vz1 kernel: [<f89913a7>] bond_enslave+0x4d3/0x5c4 [bonding]
Feb 19 15:04:34 vz1 kernel: [<f89934cd>] bond_do_ioctl+0x1cd/0x214 [bonding]
Feb 19 15:04:34 vz1 kernel: [<c02e4cee>] packet_notifier+0x126/0x12d
Feb 19 15:04:34 vz1 kernel: [<f8993300>] bond_do_ioctl+0x0/0x214 [bonding]
Feb 19 15:04:34 vz1 kernel: [<c0292305>] dev_ifsioc+0x3dd/0x3e8
Feb 19 15:04:34 vz1 kernel: [<c02925ce>] dev_ioctl+0x2be/0x3a3
Feb 19 15:04:34 vz1 kernel: [<c02888e1>] sock_ioctl+0x1af/0x1b8
Feb 19 15:04:34 vz1 kernel: [<c0288732>] sock_ioctl+0x0/0x1b8
Feb 19 15:04:34 vz1 kernel: [<c0169dff>] do_ioctl+0x23/0x60
Feb 19 15:04:34 vz1 kernel: [<c016a0c0>] vfs_ioctl+0x187/0x195
Feb 19 15:04:34 vz1 kernel: [<c016a114>] sys_ioctl+0x46/0x5e
Feb 19 15:04:34 vz1 kernel: [<c0103221>] sysenter_past_esp+0x56/0x79
Feb 19 15:04:34 vz1 kernel: bonding: bond0: enslaving eth0 as an active interface with an up link.
Feb 19 15:04:34 vz1 kernel: e100: eth1: e100_watchdog: link up, 100Mbps, full-duplex
Feb 19 15:04:34 vz1 kernel: bonding: bond0: enslaving eth1 as an active interface with an up link.
Feb 19 15:04:34 vz1 kernel: bonding: bond0: Warning: the permanent HWaddr of eth0 -
00:08:02:25:2E:F3 - is still in use by bond0. Set the HWaddr of eth0 to a different address to avoid
conflicts.
Feb 19 15:04:34 vz1 kernel: bonding: bond0: releasing active interface eth0
Feb 19 15:04:34 vz1 kernel: bonding: bond0: making interface eth1 the new active one.
Feb 19 15:04:34 vz1 kernel: e100: eth0: e100_watchdog: link up, 100Mbps, full-duplex

```


Feb 19 15:04:34 vz1 kernel: bonding: bond0: Warning: the hw address of slave eth0 is in use by the bond; giving it the hw address of eth1
Feb 19 15:04:34 vz1 kernel: bonding: bond0: enslaving eth0 as an active interface with an up link.
Feb 19 15:04:34 vz1 kernel: bonding: bond0: releasing active interface eth1
Feb 19 15:04:34 vz1 kernel: bonding: bond0: making interface eth0 the new active one.
Feb 19 15:04:34 vz1 kernel: e100: eth1: e100_watchdog: link up, 100Mbps, full-duplex
Feb 19 15:04:34 vz1 kernel: bonding: bond0: enslaving eth1 as an active interface with an up link.
Feb 19 15:04:34 vz1 irqbalance: irqbalance startup succeeded
Feb 19 15:04:35 vz1 autofs: automount startup succeeded
Feb 19 15:04:35 vz1 smartd[2467]: smartd version 5.33 [i686-redhat-linux-gnu] Copyright (C) 2002-4 Bruce Allen
Feb 19 15:04:35 vz1 smartd[2467]: Home page is <http://smartmontools.sourceforge.net/>
Feb 19 15:04:35 vz1 smartd[2467]: Opened configuration file /etc/smartd.conf
Feb 19 15:04:35 vz1 smartd[2467]: Configuration file /etc/smartd.conf parsed but has no entries (like /dev/hda)
Feb 19 15:04:35 vz1 smartd[2467]: Unable to monitor any SMART enabled devices. Try debug (-d) option. Exiting...
Feb 19 15:04:35 vz1 smartd: smartd startup failed
Feb 19 15:04:35 vz1 acpid: acpid startup succeeded
Feb 19 15:04:36 vz1 kernel: lp: driver loaded but no devices found
Feb 19 15:04:36 vz1 cups: cupsd startup succeeded
Feb 19 15:04:36 vz1 kernel: NET: Registered protocol family 10
Feb 19 15:04:36 vz1 kernel: lo: Disabled Privacy Extensions
Feb 19 15:04:36 vz1 kernel: IPv6 over IPv4 tunneling driver
Feb 19 15:04:36 vz1 sshd: succeeded
Feb 19 10:04:13 vz1 rc.sysinit: -e
Feb 19 10:04:14 vz1 start_udev: Starting udev: succeeded
Feb 19 10:04:18 vz1 udevsend[1183]: starting udevd daemon
Feb 19 10:04:20 vz1 rc.sysinit: -e
Feb 19 10:04:20 vz1 sysctl: net.ipv4.ip_forward = 0
Feb 19 10:04:20 vz1 sysctl: net.ipv4.conf.default.rp_filter = 1
Feb 19 10:04:20 vz1 sysctl: net.ipv4.conf.default.accept_source_route = 0
Feb 19 10:04:20 vz1 sysctl: kernel.sysrq = 0
Feb 19 10:04:20 vz1 sysctl: kernel.core_uses_pid = 1
Feb 19 10:04:20 vz1 rc.sysinit: Configuring kernel parameters: succeeded
Feb 19 15:04:22 vz1 date: Mon Feb 19 15:04:22 EST 2007
Feb 19 15:04:22 vz1 rc.sysinit: Setting clock (localtime): Mon Feb 19 15:04:22 EST 2007 succeeded
Feb 19 15:04:22 vz1 rc.sysinit: Loading default keymap succeeded
Feb 19 15:04:22 vz1 rc.sysinit: Setting hostname localhost.localdomain: succeeded
Feb 19 15:04:22 vz1 fsck: /dev/VolGroup00/LogVol00: clean, 117412/17514496 files, 1414616/35004416 blocks
Feb 19 15:04:22 vz1 rc.sysinit: Checking root filesystem succeeded
Feb 19 15:04:22 vz1 rc.sysinit: Remounting root filesystem in read-write mode: succeeded
Feb 19 15:04:22 vz1 lvm.static: 2 logical volume(s) in volume group VolGroup00 now active
Feb 19 15:04:22 vz1 rc.sysinit: Setting up Logical Volume Management: succeeded
Feb 19 15:04:22 vz1 fsck: /boot: clean, 57/26104 files, 39144/104388 blocks
Feb 19 15:04:22 vz1 rc.sysinit: Checking filesystems succeeded

Feb 19 15:04:22 vz1 rc.sysinit: Mounting local filesystems: succeeded
Feb 19 15:04:22 vz1 rc.sysinit: Enabling local filesystem quotas: succeeded
Feb 19 15:04:23 vz1 rc.sysinit: Enabling swap space: succeeded
Feb 19 15:04:23 vz1 init: Entering runlevel: 3
Feb 19 15:04:23 vz1 microcode_ctl: microcode_ctl startup succeeded
Feb 19 15:04:32 vz1 kudzu: succeeded
Feb 19 15:04:32 vz1 modprobe: FATAL: Module ip_tables not found.
Feb 19 15:04:32 vz1 iptables: failed
Feb 19 15:04:32 vz1 sysctl: net.ipv4.ip_forward = 0
Feb 19 15:04:32 vz1 sysctl: net.ipv4.conf.default.rp_filter = 1
Feb 19 15:04:32 vz1 sysctl: net.ipv4.conf.default.accept_source_route = 0
Feb 19 15:04:32 vz1 sysctl: kernel.sysrq = 0
Feb 19 15:04:32 vz1 sysctl: kernel.core_uses_pid = 1
Feb 19 15:04:32 vz1 network: Setting network parameters: succeeded
Feb 19 15:04:33 vz1 modprobe: FATAL: Module ip_tables not found.
Feb 19 15:04:33 vz1 modprobe: FATAL: Module ip_tables not found.
Feb 19 15:04:33 vz1 network: Bringing up loopback interface: succeeded
Feb 19 15:04:33 vz1 ifup: Enslaving eth0 to bond0
Feb 19 15:04:33 vz1 ifup: Enslaving eth1 to bond0
Feb 19 15:04:33 vz1 modprobe: FATAL: Module ip_tables not found.
Feb 19 15:04:33 vz1 ifup:
Feb 19 15:04:33 vz1 ifup: Determining IP information for bond0...
Feb 19 15:04:33 vz1 dhclient: DHCPREQUEST on bond0 to 255.255.255.255 port 67
Feb 19 15:04:33 vz1 dhclient: DHCPACK from 10.107.208.1
Feb 19 15:04:33 vz1 NET: /sbin/dhclient-script : updated /etc/resolv.conf
Feb 19 15:04:34 vz1 dhclient: bound to 10.107.208.110 -- renewal in 17667 seconds.
Feb 19 15:04:34 vz1 ifup: done.
Feb 19 15:04:34 vz1 ifup: Enslaving eth0 to bond0
Feb 19 15:04:34 vz1 ifup: Enslaving eth1 to bond0
Feb 19 15:04:34 vz1 modprobe: FATAL: Module ip_tables not found.
Feb 19 15:04:34 vz1 network: Bringing up interface bond0: succeeded
Feb 19 15:04:40 vz1 ntpdate[2617]: step time server 10.107.208.1 offset -0.476392 sec
Feb 19 15:04:40 vz1 ntpd: succeeded
Feb 19 15:04:40 vz1 ntpd[2623]: ntpd 4.2.0a@1.1190-r Sun Aug 13 01:49:12 CDT 2006 (1)
Feb 19 15:04:40 vz1 ntpd: ntpd startup succeeded
Feb 19 15:04:41 vz1 ntpd[2623]: precision = 1.000 usec
Feb 19 15:04:41 vz1 ntpd[2623]: Listening on interface wildcard, 0.0.0.0#123
Feb 19 15:04:41 vz1 ntpd[2623]: Listening on interface wildcard, ::#123
Feb 19 15:04:41 vz1 ntpd[2623]: Listening on interface lo, 127.0.0.1#123
Feb 19 15:04:41 vz1 ntpd[2623]: Listening on interface bond0, 10.107.208.110#123
Feb 19 15:04:41 vz1 ntpd[2623]: kernel time sync status 0040
Feb 19 15:04:41 vz1 ntpd[2623]: frequency initialized 0.000 PPM from /var/lib/ntp/drift
Feb 19 15:04:41 vz1 sendmail: sendmail startup succeeded
Feb 19 15:04:41 vz1 sendmail: sm-client startup succeeded
Feb 19 15:04:41 vz1 crond: crond startup succeeded
Feb 19 15:04:41 vz1 anacron: anacron startup succeeded
Feb 19 15:04:41 vz1 atd: atd startup succeeded
Feb 19 15:04:41 vz1 messagebus: messagebus startup succeeded

Feb 19 15:04:41 vz1 cups-config-daemon: cups-config-daemon startup succeeded
Feb 19 15:04:42 vz1 haldaemon: haldaemon startup succeeded
Feb 19 15:04:45 vz1 sshd(pam_unix)[3092]: session opened for user root by root(uid=0)
When I echo "engage scsi" to the cciss devices, the following is recorded in /var/log/messages:

Feb 19 15:05:48 vz1 kernel: cciss0: No device changes detected.
Feb 19 15:05:48 vz1 kernel: cciss0: No appropriate SCSI device detected, SCSI subsystem not engaged.
Feb 19 15:05:49 vz1 kernel: scsi0 : cciss
Feb 19 15:05:49 vz1 kernel: Vendor: COMPAQ Model: SDX-500C Rev: 1.32
Feb 19 15:05:49 vz1 kernel: Type: Sequential-Access ANSI SCSI revision: 02
Feb 19 15:05:49 vz1 scsi.agent[3142]: tape at
/devices/pci0000:07/0000:07:04.0/host0/target0:0:0:0:0:0
Feb 19 15:05:49 vz1 kernel: st: Version 20050830, fixed bufsize 32768, s/g segs 256
Feb 19 15:05:50 vz1 kernel: st 0:0:0:0: Attached scsi tape st0
Feb 19 15:05:50 vz1 kernel: st0: try direct i/o: yes (alignment 512 B)
Axton Grams
