
udev

Posted by [credo](#) on Fri, 25 Jan 2008 10:15:29 GMT

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(2.6.18-53.1.6.el5PAE)

Toggle Spoiler

Linux version 2.6.18-53.1.6.el5PAE (mockbuild@builder6.centos.org) (gcc version 4.1.2 20070626 (Red Hat 4.1.2-14)) #1 SMP Wed Jan 23 12:01:41 EST 2008

BIOS-provided physical RAM map:

BIOS-e820: 0000000000000000 - 0000000000094800 (usable)

BIOS-e820: 0000000000094800 - 00000000000a0000 (reserved)

BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)

BIOS-e820: 0000000000100000 - 00000000dfef0000 (usable)

BIOS-e820: 00000000dfef0000 - 00000000dff00000 (reserved)

BIOS-e820: 00000000e0000000 - 00000000f0000000 (reserved)

BIOS-e820: 00000000fec00000 - 0000000100000000 (reserved)

BIOS-e820: 0000000100000000 - 0000000120000000 (usable)

3712MB HIGHMEM available.

896MB LOWMEM available.

found SMP MP-table at 000f3900

Memory for crash kernel (0x0 to 0x0) notwithin permissible range

disabling kdump

NX (Execute Disable) protection: active

On node 0 totalpages: 1179648

DMA zone: 4096 pages, LIFO batch:0

Normal zone: 225280 pages, LIFO batch:31

HighMem zone: 950272 pages, LIFO batch:31

DMI 2.3 present.

Using APIC driver default

ACPI: Unable to locate RSDP

Intel MultiProcessor Specification v1.4

Virtual Wire compatibility mode.

OEM ID: OEM00000 Product ID: PROD00000000 APIC at: 0xFEE00000

Processor #0 15:3 APIC version 17

Processor #1 15:3 APIC version 17

I/O APIC #2 Version 17 at 0xFEC00000.

Enabling APIC mode: Flat. Using 1 I/O APICs

Processors: 2

Allocating PCI resources starting at f1000000 (gap: f0000000:0ec00000)

Detected 2411.114 MHz processor.

Built 1 zonelists. Total pages: 1179648

Kernel command line: ro root=LABEL=/

mapped APIC to ffffd000 (fee00000)

mapped IOAPIC to ffffc000 (fec00000)

Enabling fast FPU save and restore... done.

Enabling unmasked SIMD FPU exception support... done.

Initializing CPU#0

CPU 0 irqstacks, hard=c0740000 soft=c0720000

PID hash table entries: 4096 (order: 12, 16384 bytes)

Console: colour VGA+ 80x25

Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)

Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)

Memory: 4147924k/4718592k available (2077k kernel code, 44136k reserved, 860k data, 220k init, 3275712k highmem)

Checking if this processor honours the WP bit even in supervisor mode... Ok.

Calibrating delay using timer specific routine.. 4823.65 BogoMIPS (lpj=2411828)

Security Framework v1.0.0 initialized

SELinux: Initializing.

SELinux: Starting in permissive mode

selinux_register_security: Registering secondary module capability

Capability LSM initialized as secondary

Mount-cache hash table entries: 512

CPU: After generic identify, caps: 178bfbff e3d3fbff 00000000 00000000 00000001 00000000 00000003

CPU: After vendor identify, caps: 178bfbff e3d3fbff 00000000 00000000 00000001 00000000 00000003

CPU: L1 I Cache: 64K (64 bytes/line), D cache 64K (64 bytes/line)

CPU: L2 Cache: 1024K (64 bytes/line)

CPU 0(2) -> Core 0

CPU: After all inits, caps: 178bfbff e3d3fbff 00000000 00000410 00000001 00000000 00000003

Intel machine check architecture supported.

Intel machine check reporting enabled on CPU#0.

Checking 'hlt' instruction... OK.

SMP alternatives: switching to UP code

CPU0: AMD Dual Core AMD Opteron(tm) Processor 180 stepping 02

SMP alternatives: switching to SMP code

Booting processor 1/1 eip 3000

CPU 1 irqstacks, hard=c0741000 soft=c0721000

Initializing CPU#1

Calibrating delay using timer specific routine.. 4821.53 BogoMIPS (lpj=2410768)

CPU: After generic identify, caps: 178bfbff e3d3fbff 00000000 00000000 00000001 00000000 00000003

CPU: After vendor identify, caps: 178bfbff e3d3fbff 00000000 00000000 00000001 00000000 00000003

CPU: L1 I Cache: 64K (64 bytes/line), D cache 64K (64 bytes/line)

CPU: L2 Cache: 1024K (64 bytes/line)

CPU 1(2) -> Core 1

CPU: After all inits, caps: 178bfbff e3d3fbff 00000000 00000410 00000001 00000000 00000003

Intel machine check architecture supported.

Intel machine check reporting enabled on CPU#1.

CPU1: AMD Dual Core AMD Opteron(tm) Processor 180 stepping 02

Total of 2 processors activated (9645.19 BogoMIPS).

ExtINT not setup in hardware but reported by MP table

ENABLING IO-APIC IRQs

..TIMER: vector=0x31 apic1=0 pin1=2 apic2=0 pin2=0

..MP-BIOS bug: 8254 timer not connected to IO-APIC

...trying to set up timer (IRQ0) through the 8259A ...

..... (found pin 0) ...works.

checking TSC synchronization across 2 CPUs:

CPU#0 had -134 usecs TSC skew, fixed it up.

CPU#1 had 134 usecs TSC skew, fixed it up.

Brought up 2 CPUs

sizeof(vma)=88 bytes

sizeof(page)=32 bytes

sizeof(inode)=340 bytes

sizeof(dentry)=136 bytes

sizeof(ext3inode)=492 bytes

sizeof(buffer_head)=52 bytes

sizeof(skbuff)=172 bytes

migration_cost=296

checking if image is initramfs... it is

Freeing initrd memory: 2367k freed

NET: Registered protocol family 16

ACPI Exception (utmutex-0262): AE_BAD_PARAMETER, Thread F7D96AA0 could not acquire Mutex [2] [20060707]

ACPI Exception (utmutex-0262): AE_BAD_PARAMETER, Thread F7D96AA0 could not acquire Mutex [2] [20060707]

PCI: PCI BIOS revision 3.00 entry at 0xfa7c0, last bus=5

PCI: Using configuration type 1

Setting up standard PCI resources

ACPI: Interpreter disabled.

Linux Plug and Play Support v0.97 (c) Adam Belay

pnp: PnP ACPI: disabled

usbcore: registered new driver usbfs

usbcore: registered new driver hub

PCI: Probing PCI hardware

PCI: Probing PCI hardware (bus 00)

Boot video device is 0000:01:05.0

PCI: Transparent bridge - 0000:00:09.0

PCI->APIC IRQ transform: 0000:00:01.1[A] -> IRQ 9

PCI->APIC IRQ transform: 0000:00:02.0[A] -> IRQ 5

PCI->APIC IRQ transform: 0000:00:02.1[B] -> IRQ 10

PCI->APIC IRQ transform: 0000:00:07.0[A] -> IRQ 11

PCI->APIC IRQ transform: 0000:00:08.0[A] -> IRQ 10

PCI->APIC IRQ transform: 0000:00:0a.0[A] -> IRQ 9

PCI->APIC IRQ transform: 0000:01:05.0[A] -> IRQ 5

PCI->APIC IRQ transform: 0000:04:00.0[A] -> IRQ 5

NetLabel: Initializing

NetLabel: domain hash size = 128

NetLabel: protocols = UNLABELED CIPSOv4

NetLabel: unlabeled traffic allowed by default

PCI: Bridge: 0000:00:09.0

IO window: a000-afff

MEM window: fc000000-fdffffff

PREFETCH window: fea00000-feafffff

PCI: Bridge: 0000:00:0b.0

IO window: 9000-9fff

MEM window: fe900000-fe9fffff

PREFETCH window: fe800000-fe8fffff

PCI: Bridge: 0000:00:0c.0

IO window: 8000-8fff

MEM window: fe700000-fe7fffff

PREFETCH window: fe600000-fe6fffff

PCI: Bridge: 0000:00:0d.0

IO window: 7000-7fff

MEM window: fe500000-fe5fffff

PREFETCH window: fe400000-fe4fffff

PCI: Bridge: 0000:00:0e.0

IO window: 6000-6fff

MEM window: fe300000-fe3fffff

PREFETCH window: fe200000-fe2fffff

PCI: Setting latency timer of device 0000:00:09.0 to 64

PCI: Setting latency timer of device 0000:00:0b.0 to 64

PCI: Setting latency timer of device 0000:00:0c.0 to 64

PCI: Setting latency timer of device 0000:00:0d.0 to 64

PCI: Setting latency timer of device 0000:00:0e.0 to 64

NET: Registered protocol family 2

IP route cache hash table entries: 32768 (order: 5, 131072 bytes)

TCP established hash table entries: 131072 (order: 8, 1048576 bytes)

TCP bind hash table entries: 65536 (order: 7, 524288 bytes)

TCP: Hash tables configured (established 131072 bind 65536)

TCP reno registered

apm: BIOS version 1.2 Flags 0x07 (Driver version 1.16ac)

apm: disabled - APM is not SMP safe.

audit: initializing netlink socket (disabled)

audit(1201253994.961:1): initialized

highmem bounce pool size: 64 pages

Total HugeTLB memory allocated, 0

VFS: Disk quotas dquot_6.5.1

Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)

SELinux: Registering netfilter hooks

Initializing Cryptographic API

ksign: Installing public key data

Loading keyring

- Added public key 8D5042C035362BC

- User ID: CentOS (Kernel Module GPG key)

io scheduler noop registered

io scheduler anticipatory registered

io scheduler deadline registered

io scheduler cfq registered (default)

PCI: Found disabled HT MSI Mapping on 0000:00:0b.0

PCI: Found enabled HT MSI Mapping on 0000:00:00.0

PCI: Found disabled HT MSI Mapping on 0000:00:0c.0

PCI: Found enabled HT MSI Mapping on 0000:00:00.0

PCI: Found disabled HT MSI Mapping on 0000:00:0d.0

PCI: Found enabled HT MSI Mapping on 0000:00:00.0

PCI: Found disabled HT MSI Mapping on 0000:00:0e.0

PCI: Found enabled HT MSI Mapping on 0000:00:00.0

PCI: Setting latency timer of device 0000:00:0b.0 to 64

assign_interrupt_mode Found MSI capability

Allocate Port Service[0000:00:0b.0:pcie00]

PCI: Setting latency timer of device 0000:00:0c.0 to 64

assign_interrupt_mode Found MSI capability

Allocate Port Service[0000:00:0c.0:pcie00]

PCI: Setting latency timer of device 0000:00:0d.0 to 64

assign_interrupt_mode Found MSI capability

Allocate Port Service[0000:00:0d.0:pcie00]

PCI: Setting latency timer of device 0000:00:0e.0 to 64

assign_interrupt_mode Found MSI capability

Allocate Port Service[0000:00:0e.0:pcie00]

pci_hotplug: PCI Hot Plug PCI Core version: 0.5

Real Time Clock Driver v1.12ac

Non-volatile memory driver v1.2

Linux agpgart interface v0.101 (c) Dave Jones

Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing enabled

serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A

Linux agpgart interface v0.101 (c) Dave Jones

Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing enabled

serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A

serial8250: ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A

RAMDISK driver initialized: 16 RAM disks of 16384K size 4096 blocksize

Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2

ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx

NFORCE-CK804: IDE controller at PCI slot 0000:00:06.0

NFORCE-CK804: chipset revision 242

NFORCE-CK804: not 100% native mode: will probe irqs later

NFORCE-CK804: 0000:00:06.0 (rev f2) UDMA133 controller

ide0: BM-DMA at 0xe800-0xe807, BIOS settings: hda:DMA, hdb:DMA

ide1: BM-DMA at 0xe808-0xe80f, BIOS settings: hdc:DMA, hdd:DMA

Probing IDE interface ide0...

Probing IDE interface ide1...

Probing IDE interface ide0...

Probing IDE interface ide1...

ide-floppy driver 0.99.newide

usbcore: registered new driver hiddev

usbcore: registered new driver usbhid

drivers/usb/input/hid-core.c: v2.6:USB HID core driver

PNP: No PS/2 controller found. Probing ports directly.

serio: i8042 KBD port at 0x60,0x64 irq 1

serio: i8042 AUX port at 0x60,0x64 irq 12

mice: PS/2 mouse device common for all mice

md: md driver 0.90.3 MAX_MD_DEVS=256, MD_SB_DISKS=27

md: bitmap version 4.39

TCP bic registered

Initializing IPsec netlink socket

NET: Registered protocol family 1

NET: Registered protocol family 17

powernow-k8: Found 1 Dual Core AMD Opteron(tm) Processor 180 processors (2 cpu cores)
(version 2.10.00)

powernow-k8: MP systems not supported by PSB BIOS structure

powernow-k8: MP systems not supported by PSB BIOS structure

Using IPI No-Shortcut mode

Freeing unused kernel memory: 220k freed

Write protecting the kernel read-only data: 387k

Time: pit clocksource has been installed.

input: AT Translated Set 2 keyboard as /class/input/input0

USB Universal Host Controller Interface driver v3.0

ohci_hcd: 2005 April 22 USB 1.1 'Open' Host Controller (OHCI) Driver (PCI)

PCI: Setting latency timer of device 0000:00:02.0 to 64

ohci_hcd 0000:00:02.0: OHCI Host Controller

ohci_hcd 0000:00:02.0: new USB bus registered, assigned bus number 1

ohci_hcd 0000:00:02.0: irq 5, io mem 0xfebfff000

usb usb1: configuration #1 chosen from 1 choice

hub 1-0:1.0: USB hub found

hub 1-0:1.0: 8 ports detected

PCI: Setting latency timer of device 0000:00:02.1 to 64

ehci_hcd 0000:00:02.1: EHCI Host Controller

ehci_hcd 0000:00:02.1: new USB bus registered, assigned bus number 2

ehci_hcd 0000:00:02.1: debug port 1

PCI: cache line size of 64 is not supported by device 0000:00:02.1

ehci_hcd 0000:00:02.1: irq 10, io mem 0xfeb00000

ehci_hcd 0000:00:02.1: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004

usb usb2: configuration #1 chosen from 1 choice

hub 2-0:1.0: USB hub found

hub 2-0:1.0: 8 ports detected

SCSI subsystem initialized

libata version 2.21 loaded.

sata_nv 0000:00:07.0: version 3.4

sata_nv 0000:00:07.0: Using ADMA mode

PCI: Setting latency timer of device 0000:00:07.0 to 64

scsi0 : sata_nv

scsi1 : sata_nv

ata1: SATA max UDMA/133 cmd 0xf8812480 ctl 0xf88124a0 bmdma 0x0001d400 irq 11

ata2: SATA max UDMA/133 cmd 0xf8812580 ctl 0xf88125a0 bmdma 0x0001d408 irq 11

input: ImExPS/2 Generic Explorer Mouse as /class/input/input1

ata1: SATA link up 3.0 Gbps (SStatus 123 SControl 300)

ata1.00: ATA-7: ST3500630NS, 3.AEG, max UDMA/133

ata1.00: 976773168 sectors, multi 16: LBA48 NCQ (depth 31/32)

ata1.00: configured for UDMA/133

ata2: SATA link up 3.0 Gbps (SStatus 123 SControl 300)

ata2.00: ATA-7: ST3500630NS, 3.AEG, max UDMA/133

ata2.00: 976773168 sectors, multi 16: LBA48 NCQ (depth 31/32)

ata2.00: configured for UDMA/133

Vendor: ATA Model: ST3500630NS Rev: 3.AE

Type: Direct-Access ANSI SCSI revision: 05

ata1: bounce limit 0xFFFFFFFFFFFFFFFF, segment boundary 0xFFFFFFFF, hw segs 61

SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)

sda: Write Protect is off

sda: Mode Sense: 00 3a 00 00

SCSI device sda: drive cache: write back

SCSI device sda: 976773168 512-byte hdwr sectors (500108 MB)

sda: Write Protect is off

sda: Mode Sense: 00 3a 00 00

SCSI device sda: drive cache: write back

sda: sda1 sda2 sda3

sda: p3 exceeds device capacity

sd 0:0:0:0: Attached scsi disk sda

Vendor: ATA Model: ST3500630NS Rev: 3.AE

Type: Direct-Access ANSI SCSI revision: 05

ata2: bounce limit 0xFFFFFFFFFFFFFFFF, segment boundary 0xFFFFFFFF, hw segs 61

SCSI device sdb: 976773168 512-byte hdwr sectors (500108 MB)

sdb: Write Protect is off

sdb: Mode Sense: 00 3a 00 00

SCSI device sdb: drive cache: write back

SCSI device sdb: 976773168 512-byte hdwr sectors (500108 MB)

sdb: Write Protect is off

sdb: Mode Sense: 00 3a 00 00

SCSI device sdb: drive cache: write back

sdb: unknown partition table

sd 1:0:0:0: Attached scsi disk sdb

sata_nv 0000:00:08.0: Using ADMA mode

PCI: Setting latency timer of device 0000:00:08.0 to 64

scsi2 : sata_nv

scsi3 : sata_nv

ata3: SATA max UDMA/133 cmd 0xf8824480 ctl 0xf88244a0 bmdma 0x0001c000 irq 10

ata4: SATA max UDMA/133 cmd 0xf8824580 ctl 0xf88245a0 bmdma 0x0001c008 irq 10

ata3: SATA link down (SStatus 0 SControl 300)

ata4: SATA link down (SStatus 0 SControl 300)

device-mapper: ioctl: 4.11.0-iocli (2006-09-14) initialised: dm-devel@redhat.com

attempt to access beyond end of device

sda: rw=0, want=1953535994, limit=976773168

Buffer I/O error on device sda3, logical block 237022992

attempt to access beyond end of device

sda: rw=0, want=1953535994, limit=976773168

Buffer I/O error on device sda3, logical block 237022992

kjournald starting. Commit interval 5 seconds

EXT3-fs: mounted filesystem with ordered data mode.

SELinux: Disabled at runtime.

SELinux: Unregistering netfilter hooks

audit(1201254003.012:2): selinux=0 auid=4294967295

EDAC MC: Ver: 2.0.1 Jan 23 2008

input: PC Speaker as /class/input/input2

EDAC MC0: Giving out device to k8_edac Athlon64/Opteron: DEV 0000:00:18.2

tg3.c:v3.80-rh (August 2, 2007)

PCI: Setting latency timer of device 0000:04:00.0 to 64

i2c_adapter i2c-0: nForce2 SMBus adapter at 0x1c00

i2c_adapter i2c-1: nForce2 SMBus adapter at 0x1c40

eth0: Tigon3 [partno(BCM95721) rev 4101 PHY(5750)] (PCI Express) 10/100/1000Base-T Ethernet 00:e0:81:71:d4:c9

eth0: RXcsums[1] LinkChgREG[0] Mliirq[0] ASF[0] WireSpeed[1] TSOcap[1]

eth0: dma_rwctrl[76180000] dma_mask[64-bit]

forcedeth.c: Reverse Engineered nForce ethernet driver. Version 0.60.

PCI: Setting latency timer of device 0000:00:0a.0 to 64

forcedeth: using HIGHDMA

sd 0:0:0:0: Attached scsi generic sg0 type 0

sd 1:0:0:0: Attached scsi generic sg1 type 0

attempt to access beyond end of device

sda: rw=0, want=1953535994, limit=976773168

Buffer I/O error on device sda3, logical block 237022992

attempt to access beyond end of device
sda: rw=0, want=1953535994, limit=976773168
Buffer I/O error on device sda3, logical block 237022992
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
Buffer I/O error on device sda3, logical block 237023009
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
Buffer I/O error on device sda3, logical block 237023009
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
Buffer I/O error on device sda3, logical block 237023009
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
Buffer I/O error on device sda3, logical block 237023009
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
Buffer I/O error on device sda3, logical block 237023009
attempt to access beyond end of device
sda: rw=0, want=1953536074, limit=976773168
attempt to access beyond end of device

sda: rw=0, want=1953536122, limit=976773168
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
attempt to access beyond end of device
sda: rw=0, want=1953536130, limit=976773168
eth1: forcedeth.c: subsystem: 010f1:2865 bound to 0000:00:0a.0
floppy0: no floppy controllers found
parport0: PC-style at 0x378 [PCSPP,TRISTATE,EPP]
lp0: using parport0 (polling).
lp0: console ready
md: Autodetecting RAID arrays.
md: autorun ...
md: ... autorun DONE.
device-mapper: multipath: version 1.0.5 loaded
EXT3 FS on dm-1, internal journal
kjournald starting. Commit interval 5 seconds
EXT3 FS on dm-3, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
Adding 8193140k swap on /dev/mapper/nvidia_cgaaefaep2. Priority:-1 extents:1
across:8193140k
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
IPv6 over IPv4 tunneling driver
ip6_tables: (C) 2000-2006 Netfilter Core Team
ip_tables: (C) 2000-2006 Netfilter Core Team

Netfilter messages via NETLINK v0.30.

ip_conntrack: Unknown parameter `ip_conntrack_enable_ve0'

xt_state: Unknown symbol need_conntrack

xt_state: Unknown symbol ip_conntrack_untracked

ADDRCONF(NETDEV_UP): eth0: link is not ready

Bluetooth: Core ver 2.10

NET: Registered protocol family 31

Bluetooth: HCI device and connection manager initialized

Bluetooth: HCI socket layer initialized

Bluetooth: L2CAP ver 2.8

Bluetooth: L2CAP socket layer initialized

Bluetooth: RFCOMM socket layer initialized

Bluetooth: RFCOMM TTY layer initialized

Bluetooth: RFCOMM ver 1.8

Bluetooth: HIDP (Human Interface Emulation) ver 1.1

attempt to access beyond end of device

sda: rw=0, want=1953535994, limit=976773168

printk: 4 messages suppressed.

Buffer I/O error on device sda3, logical block 237022992

attempt to access beyond end of device

sda: rw=0, want=1953535994, limit=976773168

Buffer I/O error on device sda3, logical block 237022992

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

Buffer I/O error on device sda3, logical block 237023009

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

Buffer I/O error on device sda3, logical block 237023009

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

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sda: rw=0, want=1953536130, limit=976773168

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

attempt to access beyond end of device

sda: rw=0, want=1953536074, limit=976773168

attempt to access beyond end of device

sda: rw=0, want=1953536122, limit=976773168

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

attempt to access beyond end of device

sda: rw=0, want=1953536130, limit=976773168

eth1: no IPv6 routers present

/proc/cpuinfo

Toggle Spoiler

processor : 0
vendor_id : AuthenticAMD
cpu family : 15
model : 35
model name : Dual Core AMD Opteron(tm) Processor 180
stepping : 2
cpu MHz : 2411.114
cache size : 1024 KB
physical id : 0
siblings : 2
core id : 0
cpu cores : 2
fdiv_bug : no
hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
cpuid level : 1
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt lm 3dnowext
3dnow pni lahf_lm cmp_legacy ts fid vid ttp
bogomips : 4823.65

processor : 1
vendor_id : AuthenticAMD
cpu family : 15
model : 35
model name : Dual Core AMD Opteron(tm) Processor 180
stepping : 2
cpu MHz : 2411.114
cache size : 1024 KB
physical id : 0
siblings : 2
core id : 1
cpu cores : 2
fdiv_bug : no
hlt_bug : no
f00f_bug : no
coma_bug : no
fpu : yes
fpu_exception : yes
cpuid level : 1
wp : yes
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
mmx fxsr sse sse2 ht syscall nx mmxext fxsr_opt lm 3dnowext
3dnow pni lahf_lm cmp_legacy ts fid vid ttp
bogomips : 4821.53

/proc/meminfo

Toggle Spoiler

MemTotal: 4151236 kB

MemFree: 3961580 kB

Buffers: 14868 kB

Cached: 133464 kB

SwapCached: 0 kB

Active: 40456 kB

Inactive: 128452 kB

HighTotal: 3275712 kB

HighFree: 3113040 kB

LowTotal: 875524 kB

LowFree: 848540 kB

SwapTotal: 8193140 kB

SwapFree: 8193140 kB

Dirty: 64 kB

Writeback: 0 kB

AnonPages: 20440 kB

Mapped: 9608 kB

Slab: 9040 kB

PageTables: 1636 kB

NFS_Unstable: 0 kB

Bounce: 0 kB

CommitLimit: 10268756 kB

Committed_AS: 61444 kB

VmallocTotal: 116728 kB

VmallocUsed: 6188 kB

VmallocChunk: 110468 kB

HugePages_Total: 0

HugePages_Free: 0

HugePages_Rsvd: 0

Hugepagesize: 2048 kB

/etc/sysctl.conf

Toggle Spoiler

On Hardware Node we generally need

packet forwarding enabled and proxy arp disabled

net.ipv4.ip_forward = 1

net.ipv4.conf.default.proxy_arp = 0

Enables source route verification

net.ipv4.conf.all.rp_filter = 1

Enables the magic-sysrq key

kernel.sysrq = 1

TCP Explicit Congestion Notification

#net.ipv4.tcp_ecn = 0

we do not want all our interfaces to send redirects

net.ipv4.conf.default.send_redirects = 1

net.ipv4.conf.all.send_redirects = 0

/etc/sysconfig/selinux

Toggle Spoiler

This file controls the state of SELinux on the system.

SELINUX= can take one of these three values:

enforcing - SELinux security policy is enforced.

permissive - SELinux prints warnings instead of enforcing.

disabled - SELinux is fully disabled.

SELINUX=disabled

SELINUXTYPE= type of policy in use. Possible values are:

targeted - Only targeted network daemons are protected.

strict - Full SELinux protection.

SELINUXTYPE=targeted

SETLOCALDEFS= Check local definition changes

SETLOCALDEFS=0

Toggle Spoiler

title CentOS (2.6.18-53.1.4.el5.028stab053.4ent)

root (hd0,0)

kernel /boot/vmlinuz-2.6.18-53.1.4.el5.028stab053.4ent ro root=LABEL=

initrd /boot/initrd-2.6.18-53.1.4.el5.028stab053.4ent.img

title CentOS (2.6.18-53.1.4.el5.028stab053.4PAE)

root (hd0,0)

kernel /boot/vmlinuz-2.6.18-53.1.4.el5.028stab053.4PAE ro root=LABEL=/

initrd /boot/initrd-2.6.18-53.1.4.el5.028stab053.4PAE.img