Subject: Fedora 8 vzcpt problem
Posted by adm1329 on Fri, 22 Feb 2008 17:35:02 GMT
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When I try to do a live migration, I get the following

[root@openvz2 ~]# vzmigrate --online 10.6.200.13 222
OPT:--online
OPT:10.6.200.13
Starting online migration of VE 222 on 10.6.200.13
Error: vzcpt module is not loaded on the source node
Error: Can't continue online migration

The local system is Fedora 8, the destination system is CentOS 5.
I had a similar problem with the destination system not wanting to do a vzdump because of vzcpt not being loaded. I tried loading vzcpt the same way I did on the destination system, and this is what I get.

[root@openvz2 ~]# modprobe vzcpt
WARNING: Error inserting ip_conntrack (/lib/modules/2.6.18-53.1.6.el5.028stab053.6/kernel/net/ipv4/netfilter/ip_conntrack.ko): Unknown symbol in module, or unknown parameter (see dmesg)
FATAL: Error inserting vzcpt (/lib/modules/2.6.18-53.1.6.el5.028stab053.6/kernel/kernel/cpt/vzcpt.ko): Unknown symbol in module, or unknown parameter (see dmesg)

Here is the dmesg output.

Linux version 2.6.18-53.1.6.el5.028stab053.6 (root@rhel5-32-build) (gcc version 4.1.1 20070105 (Red Hat 4.1.1-52)) #1 SMP Mon Feb 11 20:14:28 MSK 2008
BIOS-provided physical RAM map:
 BIOS-e820: 0000000000000000 - 00000000000a0000 (usable)
 BIOS-e820: 00000000000f0000 - 0000000000100000 (reserved)
 BIOS-e820: 0000000000100000 - 000000000fe70000 (usable)
 BIOS-e820: 000000000fe70000 - 000000000fe72000 (ACPI NVS)
 BIOS-e820: 000000000fe72000 - 000000000fe93000 (ACPI data)
 BIOS-e820: 000000000fe93000 - 000000000ff00000 (reserved)
 BIOS-e820: 00000000fec00000 - 00000000fec10000 (reserved)
 BIOS-e820: 00000000fecf0000 - 00000000fecf1000 (reserved)
 BIOS-e820: 00000000fed20000 - 00000000fed90000 (reserved)
 BIOS-e820: 00000000fee00000 - 00000000fee10000 (reserved)
 BIOS-e820: 00000000ffb00000 - 0000000100000000 (reserved)
0MB HIGHMEM available.
254MB LOWMEM available.
found SMP MP-table at 000fe710
Memory for crash kernel (0x0 to 0x0) notwithin permissible range

disabling kdump
Using x86 segment limits to approximate NX protection
On node 0 totalpages: 65136
  DMA zone: 4096 pages, LIFO batch:0
  Normal zone: 61040 pages, LIFO batch:15
DMI 2.3 present.
Using APIC driver default
ACPI: RSDP (v000 DELL   ) @ 0x000feba0
ACPI: RSDT (v001 DELL   GX270   0x00000008 ASL 0x00000061) @ 0x000fd197
ACPI: FADT (v001 DELL   GX270   0x00000008 ASL 0x00000061) @ 0x000fd1cf
ACPI: SSDT (v001   DELL   st_ex 0x00001000 MSFT 0x0100000d) @ 0xfffd5926
ACPI: MADT (v001 DELL   GX270   0x00000008 ASL 0x00000061) @ 0x000fd243
ACPI: BOOT (v001 DELL   GX270   0x00000008 ASL 0x00000061) @ 0x000fd2af
ACPI: ASF! (v016 DELL   GX270   0x00000008 ASL 0x00000061) @ 0x000fd2d7
ACPI: DSDT (v001   DELL   dt_ex 0x00001000 MSFT 0x0100000d) @ 0x00000000
ACPI: PM-Timer IO Port: 0x808
ACPI: Local APIC address 0xfee00000
ACPI: LAPIC (acpi_id[0x01] lapic_id[0x00] enabled)
Processor #0 15:3 APIC version 20
ACPI: LAPIC (acpi_id[0x02] lapic_id[0x01] disabled)
ACPI: LAPIC (acpi_id[0x03] lapic_id[0x01] disabled)
ACPI: LAPIC (acpi_id[0x04] lapic_id[0x03] disabled)
ACPI: IOAPIC (id[0x01] address[0xfec00000] gsi_base[0])
IOAPIC[0]: apic_id 1, version 32, address 0xfec00000, GSI 0-23
ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
ACPI: IRQ0 used by override.
ACPI: IRQ2 used by override.
ACPI: IRQ9 used by override.
Enabling APIC mode: Flat. Using 1 I/O APICs
Using ACPI (MADT) for SMP configuration information
Allocating PCI resources starting at 10000000 (gap: 0ff00000:eed00000)
Detected 3192.633 MHz processor.
Built 1 zonelists. Total pages: 65136
Kernel command line: ro root=/dev/VolGroup00/LogVol00
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
PID hash table entries: 1024 (order: 10, 4096 bytes)
Console: colour VGA+ 80x25
Dentry cache hash table entries: 32768 (order: 5, 131072 bytes)
Inode-cache hash table entries: 16384 (order: 4, 65536 bytes)
Memory: 249616k/260544k available (2076k kernel code, 10292k reserved, 1204k data, 236k init, 0k highmem)
Calibrating delay using timer specific routine.. 6386.92 BogoMIPS (lpj=3193464)
Mount-cache hash table entries: 512

CPU: After generic identify, caps: bfebfbff 00000000 00000000 00000000 0000441d 00000000 00000000
CPU: After vendor identify, caps: bfebfbff 00000000 00000000 00000000 0000441d 00000000 00000000
monitor/mwait feature present.
using mwait in idle threads.
CPU: Trace cache: 12K uops, L1 D cache: 16K
CPU: L2 cache: 1024K
CPU: Hyper-Threading is disabled
CPU: After all inits, caps: bfebf3ff 00000000 00000000 00000180 0000441d 00000000 00000000
Intel machine check architecture supported.
Intel machine check reporting enabled on CPU#0.
CPU0: Intel P4/Xeon Extended MCE MSRs (12) available
CPU0: Thermal monitoring enabled
Checking 'hlt' instruction... OK.
SMP alternatives: switching to UP code
Freeing SMP alternatives: (00738000-0073bad4) 14k freed
ACPI: Core revision 20060707
Page beancounter hash is 16384 entries.
CPU0: Intel(R) Pentium(R) 4 CPU 3.20GHz stepping 04
Total of 1 processors activated (6386.92 BogoMIPS).
ENABLING IO-APIC IRQs
..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1
Brought up 1 CPUs
zapping low mappings.
sizeof(vma)=84 bytes
sizeof(page)=36 bytes
sizeof(inode)=364 bytes
sizeof(dentry)=148 bytes
sizeof(ext3inode)=516 bytes
sizeof(buffer_head)=52 bytes
sizeof(skbuff)=188 bytes
checking if image is initramfs... it is
Freeing initrd memory: (0fadc000-0fe5f66f) 3597k freed
NET: Registered protocol family 16
ACPI: bus type pci registered
PCI: PCI BIOS revision 2.10 entry at 0xfbab5, last bus=1
PCI: Using configuration type 1
Setting up standard PCI resources
ACPI: Interpreter enabled
ACPI: Using IOAPIC for interrupt routing
ACPI: PCI Root Bridge [PCI0] (0000:00)
PCI: Probing PCI hardware (bus 00)
Boot video device is 0000:00:02.0
PCI quirk: region 0800-087f claimed by ICH4 ACPI/GPIO/TCO
PCI quirk: region 0880-08bf claimed by ICH4 GPIO
PCI: Ignoring BAR0-3 of IDE controller 0000:00:1f.1
PCI: Transparent bridge - 0000:00:1e.0

ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.PCI1._PRT]
ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 6 7 9 10 *11 12 15)
ACPI: PCI Interrupt Link [LNKB] (IRQs *3 4 5 6 7 9 10 11 12 15)
ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 6 7 *9 10 11 12 15)
ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 7 9 *10 11 12 15)
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 6 7 9 10 11 12 15) *0, disabled.
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 6 7 9 10 11 12 15) *0, disabled.
ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 6 7 9 10 11 12 15) *0, disabled.
ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 *5 6 7 9 10 11 12 15)
Linux Plug and Play Support v0.97 (c) Adam Belay
pnp: PnP ACPI init
pnp: PnP ACPI: found 12 devices
usbcore: registered new driver usbfs
usbcore: registered new driver hub
PCI: Using ACPI for IRQ routing
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
pnp: 00:0b: ioport range 0x800-0x85f could not be reserved
pnp: 00:0b: ioport range 0xc00-0xc7f has been reserved
pnp: 00:0b: ioport range 0x860-0x8ff could not be reserved
PCI: Ignore bogus resource 6 [0:0] of 0000:00:02.0
PCI: Bridge: 0000:00:1e.0
  IO window: d000-dfff
  MEM window: fea00000-feafffff
  PREFETCH window: disabled.
PCI: Setting latency timer of device 0000:00:1e.0 to 64
NET: Registered protocol family 2
IP route cache hash table entries: 2048 (order: 1, 8192 bytes)
TCP established hash table entries: 8192 (order: 4, 65536 bytes)
TCP bind hash table entries: 4096 (order: 3, 32768 bytes)
TCP: Hash tables configured (established 8192 bind 4096)
TCP reno registered
Simple Boot Flag at 0x7a set to 0x1
apm: BIOS version 1.2 Flags 0x03 (Driver version 1.16ac)
apm: overridden by ACPI.
audit: initializing netlink socket (disabled)
audit(1203698576.993:1): initialized
Total HugeTLB memory allocated, 0
VFS: Disk quotas dquot_6.5.1
Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
Initializing Cryptographic API
ksign: Installing public key data
Loading keyring
io scheduler noop registered
io scheduler anticipatory registered
io scheduler deadline registered
io scheduler cfq registered (default)
pci_hotplug: PCI Hot Plug PCI Core version: 0.5

ACPI: Getting cpuindex for acpiid 0x2
Real Time Clock Driver v1.12ac
Non-volatile memory driver v1.2
Linux agpgart interface v0.101 (c) Dave Jones
agpgart: Detected an Intel 865 Chipset.
agpgart: Detected 892K stolen memory.
agpgart: AGP aperture is 128M @ 0xe8000000
Serial: 8250/16550 driver $Revision: 1.90 $ 4 ports, IRQ sharing enabled
serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
00:09: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
RAMDISK driver initialized: 16 RAM disks of 16384K size 1024 blocksize
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
ICH5: IDE controller at PCI slot 0000:00:1f.1
ACPI: PCI Interrupt 0000:00:1f.1[A] -> GSI 18 (level, low) -> IRQ 169
ICH5: chipset revision 2
ICH5: not 100% native mode: will probe irqs later
    ide0: BM-DMA at 0xffa0-0xffa7, BIOS settings: hda:DMA, hdb:pio
    ide1: BM-DMA at 0xffa8-0xffaf, BIOS settings: hdc:DMA, hdd:pio
Probing IDE interface ide0...
hda: ST340014A, ATA DISK drive
ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
Probing IDE interface ide1...
hdc: HL-DT-ST DVD+RW GCA-4040N, ATAPI CD/DVD-ROM drive
ide1 at 0x170-0x177,0x376 on irq 15
hda: max request size: 512KiB
hda: 78125000 sectors (40000 MB) w/2048KiB Cache, CHS=16383/255/63, UDMA(100)
hda: cache flushes supported
 hda: hda1 hda2
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: PS/2 Controller [PNP0303:KBD,PNP0f13:MOU] at 0x60,0x64 irq 1,12
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
Using IPI Shortcut mode
Freeing unused kernel memory: (0073c000-00777000) 236k freed
Write protecting the kernel read-only data: 404k
Time: tsc clocksource has been installed.
input: AT Translated Set 2 keyboard as /class/input/input0

logips2pp: Detected unknown logitech mouse model 89
ACPI: PCI Interrupt 0000:00:1d.7[D] -> GSI 23 (level, low) -> IRQ 177
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: EHCI Host Controller
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 1
ehci_hcd 0000:00:1d.7: debug port 1
PCI: cache line size of 128 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: irq 177, io mem 0xffa80800
ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb1: configuration #1 chosen from 1 choice
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 8 ports detected
ohci_hcd: 2005 April 22 USB 1.1 'Open' Host Controller (OHCI) Driver (PCI)
USB Universal Host Controller Interface driver v3.0
ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 16 (level, low) -> IRQ 185
PCI: Setting latency timer of device 0000:00:1d.0 to 64
uhci_hcd 0000:00:1d.0: UHCI Host Controller
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 2
uhci_hcd 0000:00:1d.0: irq 185, io base 0x0000ff80
usb usb2: configuration #1 chosen from 1 choice
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 2 ports detected
input: ImExPS/2 Logitech Explorer Mouse as /class/input/input1
ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 193
PCI: Setting latency timer of device 0000:00:1d.1 to 64
uhci_hcd 0000:00:1d.1: UHCI Host Controller
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 3
uhci_hcd 0000:00:1d.1: irq 193, io base 0x0000ff60
usb usb3: configuration #1 chosen from 1 choice
hub 3-0:1.0: USB hub found
hub 3-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 169
PCI: Setting latency timer of device 0000:00:1d.2 to 64
uhci_hcd 0000:00:1d.2: UHCI Host Controller
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 4
uhci_hcd 0000:00:1d.2: irq 169, io base 0x0000ff40
usb usb4: configuration #1 chosen from 1 choice
hub 4-0:1.0: USB hub found
hub 4-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.3[A] -> GSI 16 (level, low) -> IRQ 185
PCI: Setting latency timer of device 0000:00:1d.3 to 64
uhci_hcd 0000:00:1d.3: UHCI Host Controller
uhci_hcd 0000:00:1d.3: new USB bus registered, assigned bus number 5
uhci_hcd 0000:00:1d.3: irq 185, io base 0x0000ff20
usb usb5: configuration #1 chosen from 1 choice
hub 5-0:1.0: USB hub found
hub 5-0:1.0: 2 ports detected
SCSI subsystem initialized

libata version 2.21 loaded.
ata_piix 0000:00:1f.2: version 2.11
ata_piix 0000:00:1f.2: MAP [P0 -- P1 --]
ACPI: PCI Interrupt 0000:00:1f.2[A] -> GSI 18 (level, low) -> IRQ 169
PCI: Setting latency timer of device 0000:00:1f.2 to 64
scsi0 : ata_piix
scsi1 : ata_piix
ata1: SATA max UDMA/133 cmd 0x0001fe00 ctl 0x0001fe12 bmdma 0x0001fea0 irq 169
ata2: SATA max UDMA/133 cmd 0x0001fe20 ctl 0x0001fe32 bmdma 0x0001fea8 irq 169
device-mapper: ioctl: 4.11.0-ioctl (2006-09-14) initialised: dm-devel@redhat.com
kjournald starting. Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
input: PC Speaker as /class/input/input2
intel_rng: FWH not detected
Intel(R) PRO/1000 Network Driver - version 7.3.20-k2-NAPI
Copyright (c) 1999-2006 Intel Corporation.
ACPI: PCI Interrupt 0000:01:0c.0[A] -> GSI 18 (level, low) -> IRQ 169
parport: PnPBIOS parport detected.
parport0: PC-style at 0x378 (0x778), irq 7 [PCSPP,TRISTATE]
e1000: 0000:01:0c.0: e1000_probe: (PCI:33MHz:32-bit) 00:0d:56:98:a0:d1
e1000: eth0: e1000_probe: Intel(R) PRO/1000 Network Connection
Floppy drive(s): fd0 is 1.44M
FDC 0 is a post-1991 82077
ACPI: PCI Interrupt 0000:00:1f.3[B] -> GSI 17 (level, low) -> IRQ 201
hdc: ATAPI 24X DVD-ROM CD-R/RW drive, 2048kB Cache, UDMA(33)
Uniform CD-ROM driver Revision: 3.20
ACPI: PCI Interrupt 0000:00:1f.5[B] -> GSI 17 (level, low) -> IRQ 201
PCI: Setting latency timer of device 0000:00:1f.5 to 64
intel8x0_measure_ac97_clock: measured 50246 usecs
intel8x0: clocking to 48000
device-mapper: multipath: version 1.0.5 loaded
loop: loaded (max 8 devices)
EXT3 FS on dm-0, internal journal
kjournald starting. Commit interval 5 seconds
EXT3 FS on hda1, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
Adding 524280k swap on /dev/mapper/VolGroup00-LogVol01. Priority:-1 extents:1
across:524280k
IA-32 Microcode Update Driver: v1.14a <tigran@veritas.com>
microcode: CPU0 updated from revision 0x13 to 0x17, date = 04212005
NET: Registered protocol family 10
IPv6 over IPv4 tunneling driver
ip6_tables: (C) 2000-2006 Netfilter Core Team
Netfilter messages via NETLINK v0.30.
ip_conntrack: Unknown parameter `ip_contrack_enable_vd0'
xt_state: Unknown symbol need_conntrack
xt_state: Unknown symbol ip_conntrack_untracked
ip_tables: (C) 2000-2006 Netfilter Core Team

ip_conntrack: Unknown parameter `ip_contrack_enable_vd0'
xt_state: Unknown symbol need_conntrack
xt_state: Unknown symbol ip_conntrack_untracked
e1000: eth0: e1000_watchdog_task: NIC Link is Up 100 Mbps Full Duplex, Flow Control: RX/TX
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
tun: Universal TUN/TAP device driver, 1.6
tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>
ip_conntrack: Unknown parameter `ip_contrack_enable_vd0'
vzcpt: Unknown symbol ip_conntrack_lock
vzcpt: Unknown symbol ip_conntrack_htable_size
ip_conntrack: Unknown parameter `ip_contrack_enable_vd0'
ip_nat: Unknown symbol invert_tuplepr
ip_nat: Unknown symbol ip_conntrack_untracked
ip_nat: Unknown symbol ip_conntrack_htable_size
ip_nat: Unknown symbol ip_conntrack_tcp_update
ip_nat: Unknown symbol ip_conntrack_tuple_taken
ip_nat: Unknown symbol ip_ct_get_tuple
ip_nat: Unknown symbol ip_conntrack_alter_reply
ip_nat: Unknown symbol __ip_conntrack_proto_find
ip_nat: Unknown symbol ip_ct_iterate_cleanup
vzrst: Unknown symbol ip_conntrack_lock
vzrst: Unknown symbol ip_conntrack_alloc
vzrst: Unknown symbol ip_conntrack_expect_insert
vzrst: Unknown symbol ip_conntrack_hash_insert
vzrst: Unknown symbol ip_conntrack_expect_alloc
vzrst: Unknown symbol ip_nat_hash_conntrack
vzrst: Unknown symbol ip_conntrack_helper_find_get
CT: 222: started
eth0: no IPv6 routers present
ACPI: PCI Interrupt 0000:00:02.0[A] -> GSI 16 (level, low) -> IRQ 185
[drm] Initialized drm 1.0.1 20051102
[drm] Initialized i915 1.8.0 20060929 on minor 0
ip_conntrack: Unknown parameter `ip_contrack_enable_vd0'
vzcpt: Unknown symbol ip_conntrack_lock
vzcpt: Unknown symbol ip_conntrack_htable_size