

7.0 RC1 dump hangs – sometimes

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2008-01/msg00537.html>

- *From:* Elliot Finley <lists@xxxxxxxxxxx>
 - *Date:* Fri, 11 Jan 2008 09:29:57 -0700
-

<sent earlier from wrong address, this may show up as duplicate>

I'm running RELENG_7_0 as of Jan 9th (on a Dell PE 2950). When I do:

```
dump -3auf - /usr >  
/host/backup.etv.net/back/zabbix.etv.net._usr.2008-01-11.level-3
```

sometimes it finishes and sometimes it hangs part way through. I've been backing my 4.x, 5.x and 6.x systems up this way for years without ever having an issue.

This box isn't in production yet so I can do whatever testing is needed. I can also provide access to a developer if needed.

Looking at the bottom of the dmesg (below) I see:

```
nfs send error 35 for server backup:/back
```

Any help with this issue would be greatly appreciated.

Thanks,
Elliot

```
zabbix root:~#>uname -a
```

```
FreeBSD zabbix.etv.net 7.0-RC1 FreeBSD 7.0-RC1 #0: Wed Jan 9 14:45:13  
MST 2008 root@xxxxxxxxxxxxxxxx:/usr/obj/usr/src/sys/GENERIC amd64
```

```
zabbix root:~#>dmesg
```

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FreeBSD 7.0-RC1 #0: Wed Jan 9 14:45:13 MST 2008

root@xxxxxxxxxxxxxx:/usr/obj/usr/src/sys/GENERIC

Timecounter "i8254" frequency 1193182 Hz quality 0

CPU: Intel(R) Xeon(R) CPU 5110 @ 1.60GHz (1597.53-MHz
K8-class CPU)

Origin = "GenuineIntel" Id = 0x6f6 Stepping = 6

Features=0xbfbfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE

Features2=0x4e33d<SSE3,RSVD2,MON,DS_CPL,VMX,TM2,SSSE3,CX16,xTPR,PDCM,DCA>
AMD Features=0x20100800<SYSCALL,NX,LM>

AMD Features2=0x1<LAHF>

Cores per package: 2

usable memory = 4281675776 (4083 MB)

avail memory = 4120317952 (3929 MB)

ACPI APIC Table: <DELL PE_SC3 >

FreeBSD/SMP: Multiprocessor System Detected: 4 CPUs

cpu0 (BSP): APIC ID: 0

cpu1 (AP): APIC ID: 1

cpu2 (AP): APIC ID: 6

cpu3 (AP): APIC ID: 7

ioapic0: Changing APIC ID to 8

ioapic1: Changing APIC ID to 9

ioapic0 <Version 2.0> irqs 0-23 on motherboard

ioapic1 <Version 2.0> irqs 64-87 on motherboard

kbd1 at kbdmux0

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ath_hal: 0.9.20.3 (AR5210, AR5211, AR5212, RF5111, RF5112, RF2413, RF5413)

hptrr: HPT RocketRAID controller driver v1.1 (Jan 9 2008 14:45:01)

acpi0: <DELL PE_SC3> on motherboard

acpi0: [ITHREAD]

acpi0: Power Button (fixed)

Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000

acpi_timer0: <24-bit timer at 3.579545MHz> port 0x808-0x80b on acpi0

acpi_hpet0: <High Precision Event Timer> iomem 0xfed00000-0xfed003ff on acpi0

Timecounter "HPET" frequency 14318180 Hz quality 900

cpu0: <ACPI CPU> on acpi0

p4tcc0: <CPU Frequency Thermal Control> on cpu0

cpu1: <ACPI CPU> on acpi0

p4tcc1: <CPU Frequency Thermal Control> on cpu1

cpu2: <ACPI CPU> on acpi0

p4tcc2: <CPU Frequency Thermal Control> on cpu2

cpu3: <ACPI CPU> on acpi0

p4tcc3: <CPU Frequency Thermal Control> on cpu3

pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0

pci0: <ACPI PCI bus> on pcib0

pcib1: <ACPI PCI-PCI bridge> at device 2.0 on pci0

pci6: <ACPI PCI bus> on pcib1

pcib2: <ACPI PCI-PCI bridge> at device 0.0 on pci6

pci7: <ACPI PCI bus> on pcib2

pcib3: <ACPI PCI-PCI bridge> at device 0.0 on pci7

pci8: <ACPI PCI bus> on pcib3

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pcib4: <PCI-PCI bridge> at device 0.0 on pci8

pci9: <PCI bus> on pcib4

bce0: <Broadcom NetXtreme II BCM5708 1000Base-T (B2)> mem
0xf4000000-0xf5ffffff irq 16 at device 0.0 on pci9

miibus0: <MII bus> on bce0

brgphy0: <BCM5708C 10/100/1000baseTX PHY> PHY 1 on miibus0

brgphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT,
1000baseT-FDX, auto

bce0: Ethernet address: 00:19:b9:b8:6a:df

bce0: [ITHREAD]

bce0: ASIC (0x57081020); Rev (B2); Bus (PCI-X, 64-bit, 133MHz); F/W
(0x02090105); Flags(MFW MSI)

pcib5: <ACPI PCI-PCI bridge> at device 1.0 on pci7

pci10: <ACPI PCI bus> on pcib5

pcib6: <PCI-PCI bridge> at device 0.3 on pci6

pci11: <PCI bus> on pcib6

pcib7: <ACPI PCI-PCI bridge> at device 3.0 on pci0

pci1: <ACPI PCI bus> on pcib7

pcib8: <ACPI PCI-PCI bridge> at device 0.0 on pci1

pci2: <ACPI PCI bus> on pcib8

mfi0: <Dell PERC 5/i> mem 0xd80f0000-0xd80fffff,0xfc4e0000-0xfc4fffff
irq 78 at device 14.0 on pci2

mfi0: Megaraid SAS driver Ver 2.00

mfi0: 2978 (253222235s/0x0020/0) – Shutdown command received from host

mfi0: 2979 (4278190080s/0x0020/0) – PCI 0x041028 0x0415 0x041028

0x041f03: Firmware initialization started (PCI ID 0015/1028/1f03/1028)

mfi0: 2980 (4278190080s/0x0020/0) – Type 18: Firmware version

1.03.10-0216

mfi0: 2981 (4278190099s/0x0008/0) – Battery Present

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mfi0: 2982 (4278190099s/0x0020/0) – Type 18: Package version
5.1.1-0040

mfi0: 2983 (4278190127s/0x0004/0) – PD 08(e1/s255) event: Enclosure
(SES) discovered on PD 08(e1/s255)

mfi0: 2984 (4278190127s/0x0002/0) – PD 08(e1/s255) event: Inserted: PD
08(e1/s255)

mfi0: 2985 (4278190127s/0x0002/0) – Type 29: Inserted: PD 08(e1/s255)
Info: enclPd=08, scsiType=d, portMap=00,
sasAddr=50019090c0d7da00,0000000000000000

mfi0: 2986 (4278190127s/0x0002/0) – PD 00(e1/s0) event: Inserted: PD
00(e1/s0)

mfi0: 2987 (4278190127s/0x0002/0) – Type 29: Inserted: PD 00(e1/s0)
Info: enclPd=08, scsiType=0, portMap=01,
sasAddr=5000c50003928fd5,0000000000000000

mfi0: 2988 (4278190127s/0x0002/0) – PD 01(e1/s1) event: Inserted: PD
01(e1/s1)

mfi0: 2989 (4278190127s/0x0002/0) – Type 29: Inserted: PD 01(e1/s1)
Info: enclPd=08, scsiType=0, portMap=02,
sasAddr=5000c50003929765,0000000000000000

mfi0: 2990 (4278190127s/0x0002/0) – PD 02(e1/s2) event: Inserted: PD
02(e1/s2)

mfi0: 2991 (4278190127s/0x0002/0) – Type 29: Inserted: PD 02(e1/s2)
Info: enclPd=08, scsiType=0, portMap=04,
sasAddr=5000c50003922b81,0000000000000000

mfi0: 2992 (4278190127s/0x0002/0) – PD 03(e1/s3) event: Inserted: PD
03(e1/s3)

mfi0: 2993 (4278190127s/0x0002/0) – Type 29: Inserted: PD 03(e1/s3)
Info: enclPd=08, scsiType=0, portMap=08,
sasAddr=5000c500039296d5,0000000000000000

mfi0: 2994 (4278190127s/0x0002/0) – PD 04(e1/s4) event: Inserted: PD
04(e1/s4)

mfi0: 2995 (4278190127s/0x0002/0) – Type 29: Inserted: PD 04(e1/s4)
Info: enclPd=08, scsiType=0, portMap=10,
sasAddr=5000c50003929e95,0000000000000000

mfi0: 2996 (4278190127s/0x0002/0) – PD 05(e1/s5) event: Inserted: PD
05(e1/s5)

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mfi0: 2997 (4278190127s/0x0002/0) – Type 29: Inserted: PD 05(e1/s5)
Info: enclPd=08, scsiType=0, portMap=20,
sasAddr=5000c50003929d81,0000000000000000

mfi0: 2998 (4278190127s/0x0042/0) – Type 22: Dedicated Hot Spare
created on PD 05(e1/s5) (ded,rev,ac=1)

mfi0: 2999 (253222599s/0x0020/0) – Adapter ticks 253222599 elapsed
48s: Time established as 01/09/08 19:36:39; (48 seconds since power
on)

mfi0: [IThread]

pci9: <PCI-PCI bridge> at device 0.2 on pci1

pci3: <PCI bus> on pcib9

pcib10: <ACPI PCI-PCI bridge> at device 4.0 on pci0

pci12: <ACPI PCI bus> on pcib10

pcib11: <PCI-PCI bridge> at device 5.0 on pci0

pci13: <PCI bus> on pcib11

pcib12: <ACPI PCI-PCI bridge> at device 6.0 on pci0

pci14: <ACPI PCI bus> on pcib12

pcib13: <PCI-PCI bridge> at device 7.0 on pci0

pci15: <PCI bus> on pcib13

pcib14: <ACPI PCI-PCI bridge> at device 28.0 on pci0

pci4: <ACPI PCI bus> on pcib14

pcib15: <PCI-PCI bridge> at device 0.0 on pci4

pci5: <PCI bus> on pcib15

bce1: <Broadcom NetXtreme II BCM5708 1000Base-T (B2)> mem
0xf8000000-0xf9ffffff irq 16 at device 0.0 on pci5

miibus1: <MII bus> on bce1

brgphy1: <BCM5708C 10/100/1000baseTX PHY> PHY 1 on miibus1

brgphy1: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, 1000baseT,
1000baseT-FDX, auto

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bce1: Ethernet address: 00:19:b9:b8:6a:dd

bce1: [ITHREAD]

bce1: ASIC (0x57081020); Rev (B2); Bus (PCI-X, 64-bit, 133MHz); F/W (0x02090105); Flags(MFW MSI)

uhci0: <Intel 631XESB/632XESB/3100 USB controller USB-1> port 0xdce0-0xdcff irq 21 at device 29.0 on pci0

uhci0: [GIANT-LOCKED]

uhci0: [ITHREAD]

usb0: <Intel 631XESB/632XESB/3100 USB controller USB-1> on uhci0

usb0: USB revision 1.0

uhub0: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb0
uhub0: 2 ports with 2 removable, self powered

uhci1: <Intel 631XESB/632XESB/3100 USB controller USB-2> port 0xdcc0-0xdcdf irq 20 at device 29.1 on pci0

uhci1: [GIANT-LOCKED]

uhci1: [ITHREAD]

usb1: <Intel 631XESB/632XESB/3100 USB controller USB-2> on uhci1

usb1: USB revision 1.0

uhub1: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb1
uhub1: 2 ports with 2 removable, self powered

uhci2: <Intel 631XESB/632XESB/3100 USB controller USB-3> port 0xdca0-0xdcbf irq 21 at device 29.2 on pci0

uhci2: [GIANT-LOCKED]

uhci2: [ITHREAD]

usb2: <Intel 631XESB/632XESB/3100 USB controller USB-3> on uhci2

usb2: USB revision 1.0

uhub2: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb2
uhub2: 2 ports with 2 removable, self powered

ehci0: <Intel 63XXESB USB 2.0 controller> mem 0xfc600400-0xfc6007ff
irq 21 at device 29.7 on pci0

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ehci0: [GIANT-LOCKED]

ehci0: [ITHREAD]

usb3: EHCI version 1.0

usb3: companion controllers, 2 ports each: usb0 usb1 usb2

usb3: <Intel 63XXESB USB 2.0 controller> on ehci0

usb3: USB revision 2.0

uhub3: <Intel EHCI root hub, class 9/0, rev 2.00/1.00, addr 1> on usb3

uhub3: 6 ports with 6 removable, self powered

uhub4: <vendor 0x413c product 0xa001, class 9/0, rev 2.00/0.00, addr 2> on uhub3

uhub4: multiple transaction translators

uhub4: 2 ports with 2 removable, self powered

ukbd0: <Dell DRAC5, class 0/0, rev 1.10/0.00, addr 3> on uhub4

kbd2 at ukbd0

ums0: <Dell DRAC5, class 0/0, rev 1.10/0.00, addr 3> on uhub4

ums0: X report 0x0002 not supported

device_attach: ums0 attach returned 6

umass0: <DELL INC. DRAC5 VIRTUAL MEDIA, class 0/0, rev 2.00/0.00, addr 4> on uhub4

umass1: <DELL INC. DRAC5 VIRTUAL MEDIA, class 0/0, rev 2.00/0.00, addr 4> on uhub4

uhub5: <vendor 0x04b4 product 0x6560, class 9/0, rev 2.00/0.0b, addr 5> on uhub3

uhub5: multiple transaction translators

uhub5: 4 ports with 4 removable, self powered

pcib16: <ACPI PCI-PCI bridge> at device 30.0 on pci0

pci16: <ACPI PCI bus> on pcib16

vgapci0: <VGA-compatible display> port 0xec00-0xecff mem

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0xd0000000–0xd7ffffff,0xfc1f0000–0xfc1fffff irq 19 at device 13.0 on pci16

isab0: <PCI–ISA bridge> at device 31.0 on pci0

isa0: <ISA bus> on isab0

atapci0: <Intel 63XXESB2 UDMA100 controller> port
0x1f0–0x1f7,0x3f6,0x170–0x177,0x376,0xfc00–0xfc0f at device 31.1 on
pci0

ata0: <ATA channel 0> on atapci0

ata0: [IThread]

ata1: <ATA channel 1> on atapci0

ata1: [IThread]

fdc0: <floppy drive controller> port 0x3f0–0x3f5,0x3f7 irq 6 drq 2 on
acpi0

fdc0: does not respond

device_attach: fdc0 attach returned 6

sio0: configured irq 4 not in bitmap of probed irqs 0

sio0: port may not be enabled

sio0: configured irq 4 not in bitmap of probed irqs 0

sio0: port may not be enabled

sio0: <16550A–compatible COM port> port 0x3f8–0x3ff irq 4 flags 0x10
on acpi0

sio0: type 16550A

sio0: [FILTER]

sio1: configured irq 3 not in bitmap of probed irqs 0

sio1: port may not be enabled

sio1: configured irq 3 not in bitmap of probed irqs 0

sio1: port may not be enabled

sio1: <16550A–compatible COM port> port 0x2f8–0x2ff irq 3 on acpi0

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sio1: type 16550A

sio1: [FILTER]

fdc0: <floppy drive controller> port 0x3f0–0x3f5,0x3f7 irq 6 drq 2 on
acpi0

fdc0: does not respond

device_attach: fdc0 attach returned 6

orm0: <ISA Option ROMs> at iomem
0xc0000–0xc8fff,0xc9000–0xc9fff,0xca000–0xcb7ff,0xec000–0xffff on
isa0

atkbdc0: <Keyboard controller (i8042)> at port 0x60,0x64 on isa0

atkbd0: <AT Keyboard> irq 1 on atkbdc0

kbd0 at atkbd0

atkbd0: [GIANT–LOCKED]

atkbd0: [ITHREAD]

ppc0: cannot reserve I/O port range

sc0: <System console> at flags 0x100 on isa0

sc0: VGA <16 virtual consoles, flags=0x300>

vga0: <Generic ISA VGA> at port 0x3c0–0x3df iomem 0xa0000–0xbffff on
isa0

ukbd1: <CHESEN PS2 to USB Converter, class 0/0, rev 1.10/0.10, addr 2>
on uhub1

kbd3 at ukbd1

ums0: <CHESEN PS2 to USB Converter, class 0/0, rev 1.10/0.10, addr 2>
on uhub1

ums0: 5 buttons and Z dir.

Timecounters tick every 1.000 msec

hptrr: no controller detected.

acd0: CDRW <TSSTcorpCD–RW/DVD–ROM TSL462D/DE01> at ata0–master UDMA33

mfi0: 3000 (253222655s/0x0008/0) – Battery temperature is normal

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mfi0: 3001 (253222655s/0x0008/0) – Current capacity of the battery is above threshold

mfi0: <MFI Logical Disk> on mfi0

mfi0: 557568MB (1141899264 sectors) RAID volume 'AR0' is optimal

SMP: AP CPU #1 Launched!

SMP: AP CPU #2 Launched!

SMP: AP CPU #3 Launched!

da0 at umass-sim1 bus 1 target 0 lun 0

da0: <Dell Virtual Floppy 123> Removable Direct Access SCSI-0 device

da0: 40.000MB/s transfers

da0: Attempt to query device size failed: NOT READY, Medium not present

cd0 at umass-sim0 bus 0 target 0 lun 0

cd0: <Dell Virtual CDROM 123> Removable CD-ROM SCSI-0 device

cd0: 40.000MB/s transfers

cd0: Attempt to query device size failed: NOT READY, Medium not present

Trying to mount root from ufs:/dev/mfid0s1a

bce0: link state changed to UP

logo_saver: the console does not support M_VGA_CG320

module_register_init: MOD_LOAD (logo_saver, 0xffffffffb49ee010, 0)
error 19

pid 49887 (try), uid 0: exited on signal 10 (core dumped)

mfi0: 3002 (253333350s/0x0008/0) – Battery started charging

mfi0: 3003 (253335170s/0x0008/0) – Battery charge complete

nfs send error 35 for server backup:/back

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