

2.6.12.3 Kernel Oops using ISDN capi (c2faxsend)

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-08/3536.html>

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To: linux-kernel@vger.kernel.org

Hi,

I'm experiencing Kernel oopses when I utilize capi using c2faxsend to send a fax. I can reproduce this on every fax which I try to send.

The ISDN Card installed in the Server is a AVM B1 4.0 PCI
I have not yet tried 2.6.12.4 as I have not found anything related to this in the Changelog

.config File is attached.

Regards

Carsten

Here is the stack trace:

```
kcapi: appl 3 ncci 0x10101 forced down
kcapi: appl 3 ncci 0x10101 down
Unable to handle kernel paging request at virtual address 00100104
printing eip:
e09b4e12
*pde = 00000000
Oops: 0002 [#1]
PREEMPT SMP
Modules linked in: ipv6 b1pci b1dma b1 n_hdlc tun capi capifs kernelcapi evdev
pcspkr parport_pc parport psmouse genrtc e1000 ide_cd cdrom ide_disk ide_generic
pdc202xx_new aec62xx alim15x3 amd74xx atixp cmd64x cs5520 cs5530 cy82c693
generic hpt34x ns87415 opti621 pdc202xx_old rz1000 sc1200 serverworks siimage
sis5513 slc90e66 triflex trm290 via82cxxx floppy usb_storage piix ide_core fbcon
font bitblit vga16fb usbhid usbkbd ehci_hcd uhci_hcd thermal processor fan unix
CPU: 1
EIP: 0060:[<e09b4e12>] Not tainted VLI
EFLAGS: 00010292 (2.6.12.3)
EIP is at capilib_release_appl+0x52/0x70 [kernelcapi]
eax: 00100100 ebx: d914c080 ecx: c03c5a94 edx: 00200200
```

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esi: dec8ee4c edi: dec8ee4c ebp: 00000003 esp: d4ddbdb4

ds: 007b es: 007b ss: 0068

Process c2faxsend (pid: 5499, threadinfo=d4dda000 task=d4871a60)

Stack: e09b7960 00000003 00010101 dec8ecc8 00000003 decc6000 de8f2968 e0c6bb29

dec8ee4c 00000003 000000e2 dec8ecc8 d6c03288 dff85300 e09b20ba dec8ecc8

00000003 00000000 e09b2d00 dec8ecc8 00000003 d6c03280 00000000 e0949653

Call Trace:

[<e0c6bb29>] b1dma_release_appl+0x29/0xe0 [b1dma]

[<e09b20ba>] release_appl+0x1a/0x70 [kernelcapi]

[<e09b2d00>] capi20_release+0xc0/0xd0 [kernelcapi]

[<e0949653>] capidev_free+0x93/0xa0 [capi]

[<e094a739>] capi_release+0x19/0x30 [capi]

[<c015fbaa>] __fput+0x12a/0x140

[<c015e109>] filp_close+0x59/0x90

[<c011fcf4>] put_files_struct+0x64/0xd0

[<c0120a2e>] do_exit+0xee/0x380

[<c0120d40>] do_group_exit+0x40/0xb0

[<c012a7f3>] get_signal_to_deliver+0x233/0x340

[<c01031ab>] do_signal+0x9b/0x130

[<c0117ba8>] wake_up_state+0x18/0x20

CONFIG_X86_IO_APIC=y

CONFIG_X86_TSC=y

CONFIG_X86_MCE=y

CONFIG_X86_MCE_NONFATAL=m

CONFIG_X86_MCE_P4THERMAL=y

CONFIG_TOSHIBA is not set

CONFIG_I8K is not set

CONFIG_X86_REBOOTFIXUPS is not set

CONFIG_MICROCODE=m

CONFIG_X86_MSR=m

CONFIG_X86_CPUID=m

#

Firmware Drivers

#

CONFIG_EDD=m

CONFIG_NOHIGHMEM is not set

CONFIG_HIGHMEM4G=y

CONFIG_HIGHMEM64G is not set

CONFIG_HIGHMEM=y

CONFIG_HIGHPT=y

CONFIG_MATH_EMULATION is not set

CONFIG_MTRR=y

CONFIG_EFI is not set

CONFIG_IRQBALANCE=y

CONFIG_HAVE_DEC_LOCK=y

CONFIG_REGPARM is not set

CONFIG_SECCOMP=y

#

Power management options (ACPI, APM)

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```
#
CONFIG_PM=y
# CONFIG_PM_DEBUG is not set
# CONFIG_SOFTWARE_SUSPEND is not set

#
# ACPI (Advanced Configuration and Power Interface) Support
#
CONFIG_ACPI=y
CONFIG_ACPI_BOOT=y
CONFIG_ACPI_INTERPRETER=y
CONFIG_ACPI_SLEEP=y
CONFIG_ACPI_SLEEP_PROC_FS=y
CONFIG_ACPI_AC=m
CONFIG_ACPI_BATTERY=m
CONFIG_ACPI_BUTTON=m
CONFIG_ACPI_VIDEO=m
CONFIG_ACPI_FAN=m
CONFIG_ACPI_PROCESSOR=m
CONFIG_ACPI_THERMAL=m
# CONFIG_ACPI_ASUS is not set
# CONFIG_ACPI_IBM is not set
# CONFIG_ACPI_TOSHIBA is not set
CONFIG_ACPI_BLACKLIST_YEAR=0
# CONFIG_ACPI_DEBUG is not set
CONFIG_ACPI_BUS=y
CONFIG_ACPI_EC=y
CONFIG_ACPI_POWER=y
CONFIG_ACPI_PCI=y
CONFIG_ACPI_SYSTEM=y
CONFIG_X86_PM_TIMER=y
# CONFIG_ACPI_CONTAINER is not set

#
# APM (Advanced Power Management) BIOS Support
#
# CONFIG_APM is not set

#
# CPU Frequency scaling
#
# CONFIG_CPU_FREQ is not set

#
# Bus options (PCI, PCMCIA, EISA, MCA, ISA)
#
CONFIG_PCI=y
# CONFIG_PCI_GOBIO is not set
# CONFIG_PCI_GOMMCONFIG is not set
# CONFIG_PCI_GODIRECT is not set
CONFIG_PCI_GOANY=y
```

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```
CONFIG_PCI_BIOS=y
CONFIG_PCI_DIRECT=y
CONFIG_PCI_MMCONFIG=y
# CONFIG_PCIEPORTBUS is not set
# CONFIG_PCI_MSI is not set
CONFIG_PCI_LEGACY_PROC=y
CONFIG_PCI_NAMES=y
CONFIG_ISA_DMA_API=y
# CONFIG_ISA is not set
# CONFIG_MCA is not set
# CONFIG_SCx200 is not set

#
# PCCARD (PCMCIA/CardBus) support
#
# CONFIG_PCCARD is not set

#
# PCI Hotplug Support
#
# CONFIG_HOTPLUG_PCI is not set

#
# Executable file formats
#
CONFIG_BINFMT_ELF=y
CONFIG_BINFMT_AOUT=m
CONFIG_BINFMT_MISC=m

#
# Device Drivers
#

#
# Generic Driver Options
#
CONFIG_STANDALONE=y
CONFIG_PREVENT_FIRMWARE_BUILD=y
CONFIG_FW_LOADER=m

#
# Memory Technology Devices (MTD)
#
CONFIG_MTD=m
# CONFIG_MTD_DEBUG is not set
CONFIG_MTD_CONCAT=m
CONFIG_MTD_PARTITIONS=y
CONFIG_MTD_REDBOOT_PARTS=m
CONFIG_MTD_REDBOOT_DIRECTORY_BLOCK=-1
# CONFIG_MTD_REDBOOT_PARTS_UNALLOCATED is not set
# CONFIG_MTD_REDBOOT_PARTS_READONLY is not set
```

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```
# CONFIG_MTD_CMDLINE_PARTS is not set

#
# User Modules And Translation Layers
#
CONFIG_MTD_CHAR=m
CONFIG_MTD_BLOCK=m
CONFIG_MTD_BLOCK_RO=m
CONFIG_FTL=m
CONFIG_NFTL=m
CONFIG_NFTL_RW=y
CONFIG_INFTEL=m

#
# RAM/ROM/Flash chip drivers
#
CONFIG_MTD_CFI=m
CONFIG_MTD_JEDECPROBE=m
CONFIG_MTD_GEN_PROBE=m
# CONFIG_MTD_CFI_ADV_OPTIONS is not set
CONFIG_MTD_MAP_BANK_WIDTH_1=y
CONFIG_MTD_MAP_BANK_WIDTH_2=y
CONFIG_MTD_MAP_BANK_WIDTH_4=y
# CONFIG_MTD_MAP_BANK_WIDTH_8 is not set
# CONFIG_MTD_MAP_BANK_WIDTH_16 is not set
# CONFIG_MTD_MAP_BANK_WIDTH_32 is not set
CONFIG_MTD_CFI_I1=y
CONFIG_MTD_CFI_I2=y
# CONFIG_MTD_CFI_I4 is not set
# CONFIG_MTD_CFI_I8 is not set
CONFIG_MTD_CFI_INTELEXT=m
CONFIG_MTD_CFI_AMDSTD=m
CONFIG_MTD_CFI_AMDSTD_RETRY=0
CONFIG_MTD_CFI_STAA=m
CONFIG_MTD_CFI_UTIL=m
CONFIG_
```