

Oops in 2.6.7: swap doesn't seem to happen

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-07/6208.html>

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Date: 07/30/04

Date: Fri, 30 Jul 2004 19:05:25 +0200
To: linux-kernel@vger.kernel.org

[Please CC replies to me. Thanks.]

Trying to rsync a big directory from one place to another. Not much free memory.

Unable to handle kernel paging request at virtual address 0000186b
printing eip:

c015ef88

*pde = 00000000

Oops: 0000 [#7]

Modules linked in: nfs lockd sunrpc floppy sg scsi_mod capability
commoncap 8139cp ohci_hcd nvidia_agp agpgart evdev ehci_hcd usbcore
8139too mii crc32 forcedeth isofs zlib_inflate ide_cd cdrom rtc unix
CPU: 0

EIP: 0060:[<c015ef88>] Not tainted

EFLAGS: 00010202 (2.6.7)

EIP is at __d_lookup+0x68/0x100

eax: 0000186b ebx: 0000186b ecx: 00000011 edx: f7f00000

esi: df18df28 edi: 32ae6223 ebp: f6fff98 esp: df18de58

ds: 007b es: 007b ss: 0068

Process rsync (pid: 19544, threadinfo=df18c000 task=d4df2f30)

Stack: c01245f2 f5e49d80 000003e8 32ae6223 00000000 f7f69834 e360102a
0000000c

e360102a df18df28 f7fcd160 df18dec0 c0155b70 d3d4b050 df18dec8

00000001

e360102a df18dec0 c6ff6ed4 df18dec8 c015602c df18df28 df18dec8

df18dec0

Call Trace:

[<c01245f2>] in_group_p+0x42/0x80

[<c0155b70>] do_lookup+0x30/0xb0

[<c015602c>] link_path_walk+0x43c/0x850

[<c0156659>] path_lookup+0x69/0x110

[<c01568c9>] __user_walk+0x49/0x60

[<c0151f7c>] vfs_lstat+0x1c/0x60

[<c01526ab>] sys_lstat64+0x1b/0x40

[<c0113a10>] do_page_fault+0x0/0x4ff

Linux-Kernel: Oops in 2.6.7: swap doesn't seem to happen

[<c0104925>] error_code+0x2d/0x38
[<c0103efb>] syscall_call+0x7/0xb

Code: 8b 03 0f 18 00 90 8d 6b 98 8b 7c 24 0c 39 7d 14 74 12 8b 1b

What I notice is that swap is not in use:

```
total used free shared buffers cached
Mem: 907512 883488 24024 0 66184 658980
-/+ buffers/cache: 158324 749188
Swap: 497972 0 497972
```

config and other junk available on request.

Thankyou,

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