

Linux-Kernel: using usb storage

# using usb storage

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-07/6444.html>

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**From:** willy discart (*willy.discart\_at\_skytel.be*)

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To: linux-kernel@vger.kernel.org

Ran into the following problem :

Using rsync to copy files to usb storage:

```
usr/X11R6/
usr/X11R6/ATI.2.TIMESTAMP
usr/X11R6/README.ati.2
usr/X11R6/bin/
usr/X11R6/bin/X
usr/X11R6/bin/XFree86
rsync: writefd_unbuffered failed to write 4 bytes: phase "unknown":
Broken pipe
rsync error: error in rsync protocol data stream (code 12) at io.c(839)
rsync: writefd_unbuffered failed to write 69 bytes: phase "unknown":
Broken pipe
rsync error: error in rsync protocol data stream (code 12) at io.c(839)
```

```
umount /disk
rmmod -v -f usb_storage
rmmod usb_storage, wait=no force
```

disconnect the usb storage, reconnect again :

```
usb 1-2.1: adding 1-2.1:1.0 (config #1, interface 0)
usb 1-2.1:1.0: hotplug
Initializing USB Mass Storage driver...
usb-storage 1-2.1:1.0: usb_probe_interface
usb-storage 1-2.1:1.0: usb_probe_interface - got id
kmem_cache_create: duplicate cache scsi_cmd_cache
-----[ cut here ]-----
kernel BUG at mm/slab.c:1392!
invalid operand: 0000 [#1]
PREEMPT
Modules linked in: usb_storage ds binfmt_misc thermal fan button
processor ac pro100 usbhid uhci_hcd usbcore yenta_socket
pcmcia_core sd_mod battery snd_int_8x0 snd_ac97_codec snd_pcm_oss
```

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```
snd_mixer_oss snd_pcm snd_timer snd_page_alloc d_mpu401_uart
snd_rawmidi snd_seq_device snd
CPU: 0
EIP: 0060:[<c0135124>] Not tainted
EFLAGS: 00010202 (2.6.7)
EIP is at kmem_cache_create+0x3f4/0x5a0
eax: 00000032 ebx: c13bea50 ecx: c03c0d8c edx: c031e838
esi: c02f5437 edi: c02f5437 ebp: c466de0c esp: c466ddd8
ds: 007b es: 007b ss: 0068
Process modprobe (pid: 2423, threadinfo=c466c000 task=c95948d0)
Stack: c02e7e40 c02f5428 00000020 00002000 c466ddfc c13be99c c0000000
ffffffe0
       c13be960 000000a0 cfe0e600 c0364440 cfe0e60c c466de38 c024e863
c02f5428
       00000160 00000020 00002000 00000000 00000000 000001d8 cfe0e600
d08bd820
Call Trace:
[<c01047ef>] show_stack+0x7f/0xa0
[<c0104996>] show_registers+0x156/0x1b0
[<c0104b39>] die+0x89/0x100
[<c0104f25>] do_invalid_op+0xb5/0xc0
[<c0104475>] error_code+0x2d/0x38
[<c024e863>] scsi_setup_command_freelist+0x83/0x110
[<c024f934>] scsi_host_alloc+0x1b4/0x2c0
[<d08ba957>] usb_stor_acquire_resources+0xc7/0x130 [usb_storage]
[<d08bac71>] storage_probe+0xf1/0x190 [usb_storage]
[<d08f20db>] usb_probe_interface+0xbb/0xc0 [usbcore]
[<c021e9fd>] bus_match+0x3d/0x70
[<c021eb3c>] driver_attach+0x5c/0xa0
[<c021ee55>] bus_add_driver+0xa5/0xc0
[<c021f301>] driver_register+0x31/0x40
[<d08f219f>] usb_register+0x3f/0xa0 [usbcore]
[<d0924021>] usb_stor_init+0x21/0x3c [usb_storage]
[<c012aa05>] sys_init_module+0x135/0x280
[<c01042cb>] syscall_call+0x7/0xb
```

Code: 0f 0b 70 05 8c 76 2e c0 8b 0b e9 56 ff ff ff 8b 47 34 c7 04

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