

Re: A USB 2 & External HD problem on shutdown looking for a fix. (long)

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2005-07/msg00434.html>

- *From:* "Kerry Brown" <kerry@xxxxxxxxxxxxxxxxxxxxxxx*a*m>
 - *Date:* Thu, 7 Jul 2005 06:29:21 -0700
-

"Max Burke" <mlvburke@%\$%#@.nz> wrote in message
news:OGLnabhgFHA.1468@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
> Whenever I shut or reboot my computer I get the following errors in the
> Event viewer's System log:
>
> Event Type: Warning
> Event Source: Ftdisk
> Event Category: Disk
> Event ID: 57
> Date: 29/06/2005
> Time: 9:40:02 p.m.
> User: N/A
> Computer: CRAY2000
> Description:
> The system failed to flush data to the transaction log. Corruption may
> occur.
>
> For more information, see Help and Support Center at
> <http://go.microsoft.com/fwlink/events.asp>.
> Data:
> 0000: 00 00 00 00 01 00 be 00¾.
> 0008: 02 00 00 00 39 00 04 809..?
> 0010: 00 00 00 00 13 00 00 c0À
> 0018: 00 00 00 00 00 00 00 00
> 0020: 00 00 00 00 00 00 00 00
>
> Event Type: Warning
> Event Source: Disk
> Event Category: None
> Event ID: 51
> Date: 29/06/2005
> Time: 9:40:02 p.m.
> User: N/A
> Computer: CRAY2000
> Description:
> An error was detected on device \\Device\Harddisk2\D during a paging
> operation.

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>
> For more information, see Help and Support Center at
> <http://go.microsoft.com/fwlink/events.asp>.
> Data:
> 0000: 04 00 68 00 01 00 b6 00 ..h...¶.
> 0008: 00 00 00 00 33 00 04 803..?
> 0010: 2d 01 00 00 13 00 00 c0 -.....À
> 0018: 00 00 00 00 00 00 00 00
> 0020: 00 36 dc 7f 0a 00 00 00 .6Û
> 0028: 11 63 17 00 00 00 00 00 .c.....
> 0030: ff ff ff ff 01 00 00 00 ÿÿÿÿ....
> 0038: 40 00 00 84 02 00 00 00 @..?....
> 0040: 00 20 0a 12 80 01 20 40 . ..?. @
> 0048: 00 00 00 00 0a 00 00 00
> 0050: 00 c0 8d 88 c0 e2 69 89 .À??Àâî?
> 0058: 00 00 00 00 58 24 4e 89X\$N?
> 0060: 00 00 00 00 1b ee 3f 05î?.
> 0068: 2a 00 05 3f ee 1b 00 00 *..?î...
> 0070: 08 00 00 00 00 00 00 00
> 0078: 70 00 02 00 00 00 00 0a p.....
> 0080: 00 00 00 00 3a 00 00 00
> 0088: 00 00 00 00 00 00 00 00
>
>
> Event Type: Warning
> Event Source: Ntfs
> Event Category: None
> Event ID: 50
> Date: 29/06/2005
> Time: 9:40:00 p.m.
> User: N/A
> Computer: CRAY2000
> Description:
> {Delayed Write Failed} Windows was unable to save all the data for the
> file . The data has been lost. This error may be caused by a failure of
> your computer hardware or network connection. Please try to save this file
> elsewhere.
>
> For more information, see Help and Support Center at
> <http://go.microsoft.com/fwlink/events.asp>.
> Data:
> 0000: 04 00 04 00 02 00 52 00R.
> 0008: 00 00 00 00 32 00 04 802..?
> 0010: 00 00 00 00 13 00 00 c0À
> 0018: 00 00 00 00 00 00 00 00
> 0020: 00 00 00 00 00 00 00 00
> 0028: 13 00 00 c0 ...À
>
>
> The external HD a Seagate ST3120022A in a generic 1394 USB 2 external
> drive enclosure, partitioned into 3 Primary partitions, NTFS formatted.

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- > It is plugged into an NEC USB 2.0 PCI card.
- >
- > Up until I re-installed XP (see below) the external harddrive has worked
- > perfectly. (for over a year)
- >
- >
- > I have contacted Microsoft who sent me two hotfixes to see if they
- > resolved this issue...
- >
- > Unfortunately the hotfixes haven't fixed the problem, although when
- > shutting down now the number of delayed write error messages are now in
- > single digits (3 – 4 messages) as opposed to the 20 – 30 messages (and
- > taking 5 – 10m to shutdown) in the system log for the event viewer before
- > applying the hot fixes.
- >
- > Some other things I have done along with installing the hotfixes are:
- >
- > Switched off Fast User switching (I'm the only one who users the computer
- > so I dont really need that option)
- >
- > Reduced the size of the system restore files on the external hard drive
- > partitions from their default size to 5% of free space.
- >
- > Uninstalled and re-installed the drivers for the NEC USB 2 PCI card.
- >
- > Disabled the on (mother) board USB 1.1 chipset in the Bios. (didn't make
- > any difference)
- >
- > Removed all other USB devices plugged into the USB 2 ports and
- > re-installed them one at a time to see if there was a conflict between
- > them and the external
- > drive.
- >
- > I have the following devices plugged into the USB 2 card with the external
- > hard drive.
- >
- > A 'generic' multi memory card reader. It didn't come with any drivers for
- > XP, and runs as it should using XP's and the NEC card's drivers.
- >
- > An AIPTEK graphics tablet that is currently using XP's drivers (I haven't
- > installed the drivers that come with it, as it works fine using XP's
- > drivers)
- >
- > I can plug in My Palm Zire 31 in to do backups, etc. I use the card reader
- > to download data to the SD Card I use in this device and only plug it in
- > directly
- > to install new software and to backup the device itself.
- >
- > I have also run (in Explorer):
- >
- > Tools / Check Now / Automatically Fixe File System Errors and Scan For /

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- > Attempt
- > Recovery Of Bad Sectors on all three partions of the external hard drive.
- >
- > All three partitions on the drive are fine, with no problems reported in
- > the Event Viewer Logs after running the above tests/checks.
- >
- >
- > A bit more of the history of this problem may help.
- >
- > I recently re-installed XP Pro, SP2, and later updates, hot fixes, etc,
- > (last week) and restored my system back to the way it was before the
- > re-install. (done to clean out all the 'c**p' left over from about a
- > year's worth of installing, trying, and un-installing freeware, shareware,
- > and old applications) Prior to that I wasn't having this problem at all.
- >
- > I haven't installed any new software recently/After the re-install of XP.
- >
- > I keep up to date with all patches and updates and run anti-virus software
- > (Trend 2005) plus various anti spyware applications.
- >
- > Here is a report of the USB 2 port the external hard drive is plugged
- > into.
- > (from Microsoft USB View ver 4.10.1709)
- >
- > Device Descriptor:
- > bcdUSB: 0x0200
- > bDeviceClass: 0x00
- > bDeviceSubClass: 0x00
- > bDeviceProtocol: 0x00
- > bMaxPacketSize0: 0x40 (64)
- > idVendor: 0x05E3
- > idProduct: 0x0710
- > bcdDevice: 0x9144
- > iManufacturer: 0x00
- > iProduct: 0x01
- > iSerialNumber: 0x02
- > bNumConfigurations: 0x01
- >
- > ConnectionStatus: DeviceConnected
- > Current Config Value: 0x01
- > Device Bus Speed: Full
- > Device Address: 0x01
- > Open Pipes: 2
- >
- > Endpoint Descriptor:
- > bEndpointAddress: 0x81
- > Transfer Type: Bulk
- > wMaxPacketSize: 0x0200 (512)
- > bInterval: 0x00
- >
- > Endpoint Descriptor:

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> bEndpointAddress: 0x00
> Transfer Type: Control
> wMaxPacketSize: 0x0507 (1287)
> wInterval: 0x0202
> bSyncAddress: 0x00
>
> Configuration Descriptor:
> wTotalLength: 0x0020
> bNumInterfaces: 0x01
> bConfigurationValue: 0x01
> iConfiguration: 0x00
> bmAttributes: 0x80 (Bus Powered)
> MaxPower: 0xFA (500 Ma)
>
> Interface Descriptor:
> bInterfaceNumber: 0x00
> bAlternateSetting: 0x00
> bNumEndpoints: 0x02
> bInterfaceClass: 0x08
> bInterfaceSubClass: 0x06
> bInterfaceProtocol: 0x50
> iInterface: 0x00
>
> Endpoint Descriptor:
> bEndpointAddress: 0x81
> Transfer Type: Bulk
> wMaxPacketSize: 0x0200 (512)
> bInterval: 0x00
>
> Endpoint Descriptor:
> bEndpointAddress: 0x02
> Transfer Type: Bulk
> wMaxPacketSize: 0x0200 (512)
> bInterval: 0x00
>
>
> I have also tried the fixes at:
> <http://support.microsoft.com/default.aspx?scid=kb;en-us;330174>
>
> I have spent the last 7–10 days reading up about these errors through
> Google, and Microsoft's website, but haven't found any fixes...
>
> Anyone have any idea of what I try next?
>
> ---
> mlvburke@xxxxxxxxxxxx
> Replace the obvious with paradise.net to email me
> Found Images
> <http://homepages.paradise.net.nz/~mlvburke>

Do you have a paging file on the external drive? Was the drive connected

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while you were doing the Windows install?

Kerry

• ***Follow-Ups:***

◆ ***Re: A USB 2 & External HD problem on shutdown looking for a fix. (long)***

◇ *From:* Max Burke

◆ ***Re: A USB 2 & External HD problem on shutdown looking for a fix. (long)***

◇ *From:* Treeman

• ***References:***

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◇ *From:* Max Burke

• Prev by Date: ***Re: DVD Writer – only DVD***

• Next by Date: ***Re: Could the CDR with the artwork/pictures inserted potentially cause damage of CDROM ?***

• Previous by thread: ***Re: A USB 2 & External HD problem on shutdown looking for a fix. (long)***

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