

Re: Stop 0x000000CA

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2007-06/msg02344.htm

- *From:* Obaid <Obaid@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 29 Jun 2007 13:16:04 -0700
-

Hi Nass,

Thank you for your time.

I have tried the tips provided but unfortunately the problem is still there. First I cannot connect the two same size USB drives together, because immediately system crashes, if both are connected system crashes as soon as Windows loads.

Let me tell you my findings so far.

1. Two USB hard disks of same size partitions crash the system with the blue screen and Stop 0x000000CA. Try it on your Windows XP, I bit on it. (both disks type should be Fixed Disk)
2. Two USB hard disks of different partition sizes, works fine.
3. Two USB Hard disks of same size but disk type Removable Disk works fine.

Power issue is not relevant here and I have tried 3 USB hard disks of different sizes, works fine. However, if any two USB drives have same size partitions and the disk type is Fixed Disk, then the system crashes. Microsoft has fixed this exact issue in Windows Server 2003. However, it appears they are not aware of the same issue in Windows XP.

Microsoft article that is related to this issue is:

<http://support.microsoft.com/kb/898446> . The only difference is it relates to 2003 Server and same problem is for XP too which there is no fix out so far.

I appreciate all your efforts and time to help out. You are welcome to try connecting two same size USB drives (fixed disks) and experience the findings.

Thanks,
Obaid.

Re: Stop 0x000000CA

"nass" wrote:

"Obaid" wrote:

Hi,

Thanks for your quick response.

Here is the event error:

Event Type: Error
Event Source: System Error
Event Category: (102)
Event ID: 1003
Date: 29/06/2007
Time: 1:28:44 PM
User: N/A
Computer: BLOCK
Description:
Error code 000000ca, parameter1 00000001, parameter2 83073988,
parameter3
830aeb28, parameter4 00000000.

Data:
0000: 53 79 73 74 65 6d 20 45 System E
0008: 72 72 6f 72 20 20 45 72 rror Er
0010: 72 6f 72 20 63 6f 64 65 ror code
0018: 20 30 30 30 30 30 30 63 000000c
0020: 61 20 20 50 61 72 61 6d a Param
0028: 65 74 65 72 73 20 30 30 eters 00
0030: 30 30 30 30 30 31 2c 20 000001,
0038: 38 33 30 37 33 39 38 38 83073988
0040: 2c 20 38 33 30 61 65 62 , 830aeb
0048: 32 38 2c 20 30 30 30 28, 0000
0050: 30 30 30 30 0000

Windows CD contains SP2. Also tried on brand new XP PCs out of the box.

The following items are not signed:

sdi.sys, rthincxp.sys, iamlmnt4.sys, alcxwdm.sys and of course HP printer drivers :)

There are no unknown devices and neither yellow question marks in Device Manager. This issue only occurs if two USB hard disks of same size is connected to the system. The crash is immediate, no wait time.

Re: Stop 0x000000CA

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I hope the above information proves helpful.

Thanks,
Obaid.

"Gerry" wrote:

You are going to have to try to identify the problematic driver.

Are there any yellow question marks in Device Manager?
Right click
on the My Computer icon on your Desktop and select
Properties,
Hardware, Device Manager. If yes what is the Device Error
code?

Try Start, Run, type "sigverif.exe" without quotes and hit
OK. What
drivers are listed as unsigned? Disregard those which are not
checked.

Do you have a Windows XP CD? Does it include the SP2
update or did
you download later?

Are there any corresponding error reports in Event Viewer?

Please post copies of all Error and Warning Reports
appearing in the
System log in Event Viewer for when the problem
occurs. No Information Reports please.

You can access Event Viewer by selecting Start, Control
Panel,
Administrative Tools, and Event Viewer. When researching
the meaning
of the error, information regarding Event ID, Source and
Description
are important.

HOW TO: View and Manage Event Logs in Event Viewer in
Windows XP
<http://support.microsoft.com/kb/308427/en-us>

Part of the Description of the error will include a link, which

Re: Stop 0x000000CA

you should double click for further information. You can copy using copy and paste. Often the link will, however, say there is no further information.
<http://go.microsoft.com/fwlink/events.asp>
(Please note the hyperlink above is for illustration purposes only)

A tip for posting copies of Error Reports! Run Event Viewer and double click on the error you want to copy. In the window, which appears is a button resembling two pages. Click the button and close Event Viewer. Now start your message (email) and do a paste into the body of the message. Make sure this is the first paste after exiting from Event Viewer.

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Hope this helps.

Gerry
~~~~~  
FCA  
Stourport, England  
Enquire, plan and execute  
~~~~~

"Obaid" <Obaid@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:8332AE8D-784E-4FAD-848F-56FDAB10FB19@xxxxxxxxxxxxxxxxxxxx

Thanks guys for your time.

Here is the full message:

A problem has been detected and windows has been shut down to prevent damage to your computer.

Plug and Play detected an error most likely caused by a faulty driver.

Re: Stop 0x000000CA

Stop code: 0x000000CA (0x00000001,
0x85BBC88, 0x85AED508, 0x00000000)

We have tried connecting two USB hard disks on more than 10 XP systems and the result is same blue screen (also tried fresh install). If the drives are connected alone, no problem. But as soon as the second one is connected alongside the other one, system crashes with the above blue screen.

Windows Vista is fine no problem, 2003 SP2 fine, no problem. Only XP SP2 has this problem.

Thanks,
Obaid.

"Gerry" wrote:

The KB Article refers to a problem that results in one variant of that Bug Code. You need to post a full copy of the Error Report to tell us which variant you are encountering. You may also find further information in Event Viewer.

<http://msdn2.microsoft.com/en-us/library/ms795954.aspx>

Disable automatic restart on system failure. This should help by allowing time to write down the STOP code properly. Right click on the My Computer icon on the Desktop and select Properties, Advanced, Start-Up and Recovery,

Re: Stop 0x000000CA

System Failure and uncheck
box before
Automatically Restart.

Do not re-enable automatic
restart on system failure
until you have
resolved the problem. Check
for variants of the Stop
Error message.

An alternative is to keep
pressing the F8 key during
StartUp and
select
option – Disable automatic
restart on system failure.

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Hope this helps.

Gerry
~~~~~  
FCA  
Stourport, England  
Enquire, plan and execute  
~~~~~

"Obaid"
<Obaid@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:173D2E55-52A5-4C72-8906-DF3145DF60C3@xxxxxxxxxxxxxxxxxxxx

Hi all,

We have
discovered
a problem
with
Windows
XP SP2.
When
connecting
to
USB
hard disks
with same

Re: Stop 0x000000CA

partition
sizes,
Windows
crashes with
blue
screen
Stop
0x000000CA.

The exact
problem has
been
reported to
Microsoft
with
Windows
2003
Server.
However,
for
Windows
XP there is
no
mentioning
of this
issue.

Article ID :
898446
Last
Review :
March 27,
2007
Revision :
3.0

Please help.
This is the
exact issue
as discussed
in the above
article. We
need a fix
for
Windows
XP.

Thank you
all in
advance.

Re: Stop 0x000000CA

Hi,

This could be for many reasons * Power supply= not enough power to the to Power the USB Ex HDD,.

* IRQ conflict.

Try to Set the Internet HDD to Master (if they are not already been set) then the External HDDs to slave or cable select.

Rename the atapi.sys to atapi.old and Reboot while the two USB HDD are connected.

<http://support.microsoft.com/kb/817197>

Inserting the Same SmartMedia Adapters Causes a "Stop 0x000000CA" Error Message

<http://support.microsoft.com/?kbid=326457>

Error message when you try to open files on an NTFS file system volume

<http://support.microsoft.com/kb/930916>

sdi.sys located in this path:

C:\WINDOWS\system32\drivers\sdi.sys

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SDI= Storage Device Image Driver

Manually Installing the SDI Driver:

<http://msdn2.microsoft.com/en-us/library/ms940859.aspx>

C:\Windows\System32\drivers\Rtlndis.sys (Not rthinexp.sys) = Realtek 10/100/1000 NDIS 5.1 Driver.

<http://www.techspot.com/vb/all/windows/t-48473-BSOD-Errors.html>

alcxwdm.sys

Avance Logic, Inc = Sound Card

ialmnt4.sys (Not iamlmnt4.sys) = Graphic Card by Intel

HTH.

nass

www.nasstec.co.uk