

Blue Screen Of Death problems - BOSD

Blue Screen of Death ,

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Description

This utility, just as it sounds, allows your to crash the Windows operating system by initiating a Blue Screen of Death according to 5 parameters that you specify from command-line.

How does it work ?

StartBlueScreen.exe loads a very small device driver named NirSoftBlueScreenDriver.sys that calls the crash API function of Windows Kernel (KeBugCheckEx) with the 5 crash parameters that you specify in the command-line.

System Requirements

This utility works on Windows 2000, Windows XP, Windows Server 2003, and Windows Vista (32-bit). Previous versions of Windows are not supported. Also, you must login as Administrator in order to initiate a Blue Screen of Death.

Also works 64 bit Windows 7,8 and 10.

Using StartBlueScreen Utility

In order to get a blue screen, you must specify 5 parameters in the command-line of StartBlueScreen.exe

Running StartBlueScreen.exe without specifying the 5 command-line parameters won't crash your system.

The first parameter in the command-line specifies the Bug Check Code. You can find the list of codes here. The other 4 parameters specifies the additional Bug Check parameters that are displayed in the blue screen crash. For all 5 parameters, you can specify a decimal

No need for the 5 parameters it will run automatically once you start the software. All of our machines are Administrator so just download and install

Link to Download:

<https://www.nirsoft.net/utills/startbluescreen.zip>

Install the file and then Run the Program it will find the DMP file and report back as below

BlueScreenView - C:\Windows\Minidump

File Edit View Options Help

011422-16968-01.dmp 14/01/2022 08:45:23 DRIVER_IRQL_NOT_LESS... 0x000000d1 000000010

Filename	Address In St...	From Address	To Address	Size
ntoskrnl.exe	ntoskrnl.exe+16cc29	fffff801`59294000	fffff801`59ab1000	0x0081d000
USBXHCI.SYS	USBXHCI.SYS+35cd	fffff80b`59930000	fffff80b`59993000	0x00063000
hal.dll		fffff801`59218000	fffff801`59294000	0x0007c000
kd.dll		fffff801`58483000	fffff801`5848e000	0x0000b000
mcupdate_GenuineIntel.dll		fffff80b`56290000	fffff80b`564b6000	0x00226000
HalExtIntcLpioDma.dll		fffff801`5848e000	fffff801`58498000	0x0000a000
werkernel.sys		fffff80b`564c0000	fffff80b`564d0000	0x00010000

1 Crashes, 1 Selected NirSoft Freeware. <http://www.nirsoft.net>

In the Case Above it was quite simple to see the USBXHCI.sys was the main issue as every BSOD reported the same thing.

The hard bit:

You will have to Google information about the USBXHCI.sys which recommend uninstall driver and re install.

In the case i was working on it did not resolve so the Slow process began of replacing each USB device one by one until we cured the error or Found out that it may be the PC.