TROUBLESHOOTING WINDOWS STOP MESSAGES

STOP Messages literally mean Windows has stopped! These appear only in the Windows NT-based operating systems: Windows NT, 2000, XP, Vista, 7, 8.0, 8.1, 10 & 11. **Most are hardware issues.** STOP messages are identified by an 8-digit hexadecimal number, but also commonly written in a shorthand notation; e.g., a STOP 0x0000000A may also be written Stop 0xA. Four additional 8-digit hex numbers may appear in parentheses, usually unique to your computer and the particular situation.

General Troubleshooting of STOP Messages

If you can't find a specific reference to your problem, running through the following checklist stands a good chance of resolving the problem for you:

- 1. Examine the "System" and "Application" logs in Event Viewer for other recent errors that might give further clues. To do this, launch EventVwr.msc from a Run box, or open "Administrative Tools" in the Control Panel then launch Event Viewer.
- 2. If you've recently added new hardware, remove it and retest.
- 3. Run hardware diagnostics supplied by the manufacturer.
- 4. Make sure device drivers and system BIOS are up-to-date.
- 5. However, if you've installed new drivers just before the problem appeared, try rolling them back to the older ones.
- 6. Open the box and make sure all hardware is correctly installed, well seated, and solidly connected.
- 7. Confirm that all of your hardware is on the Hardware Compatibility List. If some of it isn't, then pay particular attention to the non-HCL hardware in your troubleshooting.
- 8. Check for viruses.
- 9. Investigate recently added software.
- 10. Examine (and try disabling) BIOS memory options such as caching or shadowing.

NOTE: When a STOP message occurs, Windows can create a debug file for very detailed analysis. To do this, it needs a workspace equal to the amount of physical RAM you have installed. If you resize your Windows pagefile minimum to less than the size of your physical RAM, you will get an advisory message that your system may not be able to create a debugging information file if a STOP error occurs. The advice is to go ahead with this change if you want, but simply remember the limitation so that you can change it back if you need to troubleshoot STOP messages.

Error Code Description Parameter	The Most Common Cause Of BSOD
0x0000001 APC_INDEX_MISMATCH	Occurs when there's a critical error related to Win32k.sys driver, preventing Windows from functioning
0x0000002 DEVICE_QUEUE_NOT_BUSY	Uncommon error
0x0000003 INVALID_AFFINITY_SET	Uncommon error
0x0000004 INVALID_DATA_ACCESS_TRAP	Uncommon error
0x0000005 INVALID_PROCESS_ATTACH_ATTEMPT	Uncommon error
0x0000006 INVALID_PROCESS_DETACH_ATTEMPT	Uncommon error
0x0000007 INVALID_SOFTWARE_INTERRUPT	Uncommon error
0x0000008 IRQL_NOT_DISPATCH_LEVEL	Uncommon error
0x0000009 IRQL_NOT_GREATER_OR_EQUAL	Uncommon error
0x0000000A IRQL_NOT_LESS_OR_EQUAL	Occurs when Windows or kernel-mode driver accesses page memory at an invalid address due to bad pointer or a pageability problem
0x000000B NO_EXCEPTION_HANDLING_SUPPORT	Uncommon error
0x000000C MAXIMUM_WAIT_OBJECTS_EXCEEDED	Occurs when a network adapter exceeds the maximum number of IP addresses (64), breaking the MAXIMUM_WAIT_OBJECTS contract
	in KeWaitForMultipleObjects
0x000000D MUTEX_LEVEL_NUMBER_VIOLATION	Uncommon error
0x000000E NO_USER_MODE_CONTEXT	Uncommon error
0x000000F SPIN_LOCK_ALREADY_OWNED	Occurs when a system initiates a spin lock while the spin lock was already owned
0x0000010 SPIN_LOCK_NOT_OWNED	Uncommon error
0x0000011 THREAD_NOT_MUTEX_OWNER	Uncommon error
0x0000012 TRAP_CAUSE_UNKNOWN	Occurs due to unexpected exception from an unknown cause
0x0000013 EMPTY_THREAD_REAPER_LIST	Uncommon error
0x0000014 CREATE_DELETE_LOCK_NOT_LOCKED	Uncommon error
0x0000015 LAST_CHANCE_CALLED_FROM_KMODE	Uncommon error
0x0000016 CID_HANDLE_CREATION	Uncommon error
0x0000017 CID_HANDLE_DELETION	Uncommon error
0x0000018 REFERENCE_BY_POINTER	Occurs when there's an illegal reference count of an object for the current object state
0x0000019 BAD_POOL_HEADER	Occurs when a caller makes a request to the corrupted pool header. En error may or may not be caused by the caller, but in all cases
	pool had already been corrupted at the time of request
0x000001A MEMORY_MANAGEMENT	Occurs due to a serious memory management error
0x000001B PFN_SHARE_COUNT	Uncommon error
0x000001C PFN_REFERENCE_COUNT	Uncommon error
0x000001D NO_SPIN_LOCK_AVAILABLE	Uncommon error

0x0000001E KMODE EXCEPTION NOT HANDLED	Occurs when an error handler missed to catch en exception generated by a kernel-mode program
0x000001F SHARED RESOURCE CONV ERROR	Uncommon error
0x0000020 KERNEL APC PENDING DURING EXIT	Occurs when tread exits while an asynchronous procedure call (APC) was still pending
0x00000021 QUOTA UNDERFLOW	Occurs when a guota was returned to the specific process which was not using the amount of returned guota
0x0000022 FILE SYSTEM	Uncommon error
0x0000023 FAT FILE SYSTEM	Occurs due to a serous problem within the FAT file system caused by bad sectors on the disk or corrupted SCSI and IDE drivers
0x00000024 NTFS FILE SYSTEM	Occurs when https:sys – the driver that handles reading/writing to NTFS drives, encounters on unrecoverable error. This situation is usually
	caused by bad sectors on the disk or corrupted SATA/IDE drivers
0x0000025 NPFS FILE SYSTEM	Occurs due to a problem with NPFS file system. Either a pool memory is depleted or a kernel-mode driver requiring nonpaged pool
	memory is causing the problem
0x0000026 CDFS FILE SYSTEM	Occurs due to a serous problem within the CD file system caused by bad sectors on the disk or corrupted SCSI and IDE drivers
0x00000027 RDR FILE SYSTEM	Occurs due to a problem with SMB redirector file system or depleted nonpaged pool memory
0x00000028 CORRUPT ACCESS TOKEN	Uncommon error
0x0000029 SECURITY_SYSTEM	Uncommon error
0x0000002A INCONSISTENT IRP	Occurs when Windows 2000 detects an inconsistent state encountered within the IRP (I/O request packet)
0x0000002B PANIC STACK SWITCH	Occurs when a kernel-mode driver is using too much stack space, causing stack overflow
0x0000002C PORT DRIVER INTERNAL	Uncommon error
0x0000002D SCSI DISK DRIVER INTERNAL	Uncommon error
0x0000002E DATA BUS ERROR	Occurs due to a hardware problem, usually related to defective RAM memory or video RAM
0x0000002F INSTRUCTION BUS ERROR	Uncommon error
0x00000030 SET OF INVALID CONTEXT	Occurs when Windows 2000 tries to edit SS or ESP values while returning to kernel-mode code
0x00000031 PHASE0 INITIALIZATION FAILED	Occurs when Windows operation system initialization has failed
0x00000032 PHASE1_INITIALIZATION_FAILED	Occurs when Windows operation system initialization has failed
0x00000033 UNEXPECTED INITIALIZATION CALL	Uncommon error
0x00000034 CACHE MANAGER	Occurs due to a problem with file system's cache manager. Fither a pool memory is depleted or a kernel-mode driver requiring
	nonpaged pool memory is causing the problem
0x00000035 NO MORE IRP STACK LOCATIONS	Occurs if there are more then 3 security programs installed and loCallDriver runs out of stack locations
0×0000036 DEVICE REEPENCE COUNT NOT ZERO	Occurs when a drivers attempts to remove a device object whose reference count wasn't set to zero
0x00000037 FLOPPY_INTERNAL_ERROR	Uncommon error
0x00000038 SERIAL DRIVER INTERNAL	Uncommon error
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0x0000053 NO_BOOT_DEVICE	Uncommon error
0x00000054 LM SERVER INTERNAL ERROR	Uncommon error
0x00000055 DATA_COHERENCY_EXCEPTION	Uncommon error
	Uncommon error
0x00000057 XNS_INTERNAL_ERROR	Uncommon error
0x00000058 FTDISK_INTERNAL_ERROR	Occurs when Windows OS boots from the wrong copy of a mirrored partition
0x00000059 PINBALL FILE SYSTEM	Occurs due to a problem with Pinball file system. Either a pool memory is depleted or a kernel-mode driver requiring nonpaged pool
	memory is causing the problem
0x000005A CRITICAL SERVICE FAILED	Uncommon error
0x000005B SET_ENV_VAR_FAILED	Uncommon error
0x0000005C HAL INITIALIZATION FAILED	Uncommon error
	Occurs when the computer attempts to run a Windows operation system with unsupported, lower-grade processor unit
0x0000005E OBJECT_INITIALIZATION_FAILED	Uncommon error
0x0000005F SECURITY_INITIALIZATION_FAILED	Uncommon error
0x0000060 PROCESS INITIALIZATION FAILED	Uncommon error
0x0000061 HAL1_INITIALIZATION_FAILED	Uncommon error
0x0000062 OBJECT1_INITIALIZATION_FAILED	Uncommon error
0x0000063 SECURITY1 INITIALIZATION FAILED	Uncommon error
0x00000064 SYMBOLIC INITIALIZATION FAILED	Uncommon error
0x0000065 MEMORY1 INITIALIZATION FAILED	Uncommon error
0x0000066 CACHE INITIALIZATION FAILED	Uncommon error
0x0000067 CONFIG INITIALIZATION FAILED	Occurs during the Windows 2000 startup due to corrupted registry entries, usually caused by defected device driver
0x0000068 FILE INITIALIZATION FAILED	Uncommon error
0x0000069 IO1 INITIALIZATION FAILED	Occurs while booting Windows 2000 server after removing some Windows components via Add/Remove Programs
	Uncommon error
0x000006B PROCESS1_INITIALIZATION_EALED	Occurs during Windows Z boot because of a corrupted Bootcat.cache file
	Uncommon error
	Occurs when Microsoft Windows fails to initialize due to unrecoverable error
	Occurs when Microsoft Windows fails to initialize due to unrecoverable error
	Occurs when Microsoft Windows fails to initialize due to unrecoverable error
	Occurs when Microsoft Windows fails to initialize due to unrecoverable error
	Occurs when Microsoft Windows fails to initialize due to unrecoverable error
0x00000072 ASSIGN_DRIVE_LETTERS_FAILED	
	Occurs due to a corrupted top-level registry key, which can't be linked in the registry tree
0x00000074 BAD_SYSTEM_CONFIG_INFO	Occurs due to an unrecoverable registry for preventing Windows from booting
	Occurs when Windows is unable to reopen hive file due to insufficient memory pool
0x00000076 PROCESS HAS LOCKED PAGES	Occurs when a driver fails to release locked pages ofter an $1/2$ operation or when it attempts to unlock previously unlocked pages
0x00000077 KERNEL STACK INPAGE ERROR	Occurs when Windows XP based system requests a page of kernel data that could not be read from the paging file into memory
	Uncommon error
	Occurs due to mismatched kernel and Hardware Abstraction Layer (HAL) image
	Occurs due to initialitate demendial relative using using Using Using Virgo Access (180, wirgo /40, pip) IDE cable
	Occurs during the Windows boot instantion of the drive sing on down of the drive during the Windows boot instantion of the drive sing on down of the drive sing system participants
0x0000007CBUGCODE NDIS_DRIVER	Occurs when one write was show process when here's a problem accessing system partment.
	Occurs when Windows 2000 fails to boot due to him memory conditions
	Occurs if arror handler in't able to catch an exercising contracted by a system thread
	Occurs the to track extension of the tracket of the second which is conting (consisting TCP (SMR data while not having enough stack space to
	complate the call
	Complete the call
	case since there are a large variety of hardware malfunctions which can cause this error
	Lase since mere de large vanery of hardware manufacions which can cause mis error
	Occurs when a setup is interrupted with a serious unrecoverable error
	Occurs when a serup is interrupted with a serious, unrecoverable error
	Occurs when an error handler missed to error handler areas and a program when an error handler missed to error handler missed
	Occurs when an error nandler missed to calcul en exception generated by a kerner-mode program
	Occurs when Flog and Flag (FirF) manager could not be initialized
	Occurs when ring and ridy (rnr) manager could not be initialized

0x0000092 UP_DRIVER_ON_MP_SYSTEM	Occures when an attempt was made to load a driver designed to work within the uniprocessor environment while Windows OS is running
	on a multiprocessor system
0x0000093 INVALID_KERNEL_HANDLE	Occurs when NtClose detects an invalid or protected handle
0x00000094 KERNEL_STACK_LOCKED_AT_EXIT	Occurs when a kernel stack of a specific thread is marked as not swappable, but the thread attempts to exit
0x0000096 INVALID_WORK_QUEUE_ITEM	Occurs when a KeRemoveQueue routine deletes a certain queue entries whose "flink" or "blink" fields are set to NULL
0x0000097 BOUND_IMAGE_UNSUPPORTED	Uncommon error
0x0000098 END_OF_NT_EVALUATION_PERIOD	Occurs when Windows 2000 is unable to install and use software for recently installed hardware component
0x00000099 INVALID_REGION_OR_SEGMENT	Occurs when an invalid set of parameters has been passed while calling ExInterlockedExtendRegion or ExInitializeRegion
0x000009A SYSTEM_LICENSE_VIOLATION	Occurs during the system boot process due to violated software licence agreement
0x000009B UDFS_FILE_SYSTEM	Occurs due to a serous problem within the UDFS file system caused by bad sectors on the disk or Corrupted SCSI and IDE drivers
0x000009C MACHINE_CHECK_EXCEPTION	Occurs due to a fatal machine check exception
0x000009E USER_MODE_HEALTH_MONITOR	Occurs when a remove lock on LUN (logical unit number) was released once but obtained two times, causing PnP manager not being able
	to remove the device
0x000009F DRIVER_POWER_STATE_FAILURE	Occurs when Windows 7 based computer attempts to resume from the Soft Off (s5) power state due to driver issue
0x00000000 INTERNAL_POWER_ERROR	Occurs when going into hibernation on Windows 7 based computer due to insufficient hibernation file size
0x000000A1 PCI_BUS_DRIVER_INTERNAL	Occurs when PCI Bus driver stops working due to inconsistency problems in its internal structures
0x000000A2 MEMORY_IMAGE_CORRUPT	Occurs due to en error within the image of an executable file in memory
0x00000A3 ACPI_DRIVER_INTERNAL	Occurs due to ACPI driver inconsistency, which might cause a serious problem if computer had continued running
0x000000A4 CNSS FILE SYSTEM FILTER	Occurs due to a problem with CNSS file system filter caused by fulfilled nonpaged pool memory or a kernel-mode driver requiring
	nonpaged pool memory
0x000000A5 ACPI BIOS ERROR	Occurs when Windows detects that the BIOS is not fully compliant with ACPI (Advanced Configuration & Power Interface)
0x000000A7 BAD EXHANDLE	Occurs when the kernel-mode handle table detects an inconsistent handle table entry state
0x000000AB SESSION HAS VALID POOL ON EXIT	Occurs when the session driver unloads a session while there's still amount of memory hold by that session driver
0x000000AC HAL MEMORY ALLOCATION	Occurs when Hardware Abstraction Layer (HAL) isn't able to obtain sufficient memory
0x00000AD VIDEO DRIVER DEBUG REPORT REQUEST	Occurs when a video port creates a non-fatal minidump on behalf of the running video driver
0x000000B4 VIDEO DRIVER INIT FAILURE	Occurs if Windows is unable to enter graphic mode due to display driver failure
0x000000B8 ATTEMPTED SWITCH FROM DPC	Occurs when a DPC routine (Delayed Procedure Call) attempts an illegal operation
0x000000B9 CHIPSET DETECTED FRROR	Uncommon error
0x000000BA SESSION HAS VALID VIEWS ON EXIT	Occurs if a session is unloaded at the moment when a session driver still has mapped views
0x000000BB NETWORK BOOT INITIALIZATION FAILED	Occurs when Windows is unable to boot of a network due to critical function failure
0x00000BC NETWORK BOOT DUPLICATE ADDRESS	Occurs while booting off a network, when TCP/IP sends an ARP for its IP and aets a response indicating a duplicate IP address
0x000000BE ATTEMPTED WRITE TO READONLY MEMORY	Occurs when a driver tries to write on a read-only memory segment. If available, the driver info will be mentioned at the bottom of BSOD
0x00000BF MUTEX ALREADY OWNED	Occurs when a specific thread tries to acquire an ownership of a mutex that it already owns
0x000000C1 SPECIAL POOL DETECTED MEMORY CORRUPTION	Occurs when a specific driver is trying to write to an invalid section of the special pool
0x000000C2 BAD_POOL_CALLER	Occurs when a specific thread tries to free an object already freed by another thread
	Occurs when Driver Verifier detects an unrecoverable error. Additional details can be obtained via "landyze -y" extension
	Occurs when Windows 2000 attempts to access invalid memory at a process IRQL that is too high
0x000000C6 DRIVER_CALIGHT_MODIFYING_ERFED_POOL	Occurs when the driver attempts to access a freed memory pol
0x000000C7 TIMER OR DPC INVALID	Occurs when a system finds a kernel timer or DPC (delayed procedure call) somewhere in memory where it isn't permitted
	Occurs when the processor's IROL is not what it should be at the current time
	Occurs when her processor is not to what is not what a product of the exact type of violation is defined in additional error parameters
	Occurs when system detects on unrecoverible error crused by Plug and Play device driver
	Occurs when a driver or the L/O manager fails to realize locked pages after an L/O operation
	Occurs when a physical davia call is missing a reference in the Win32k syst driver
	Occurs when system creates due to need contraction crucical minimum visit 2x,55 differ
	Occurs when a driver faile to general scheduled energing such as worker threads lookeride lists or DPCs, before unleading
	Occurs when a driver has to cancel scheduled operations such as worker interdas, tookaside lists of DrCs, before uniodaling
	Occurs when a driver has been incorrectly ported to the remning server
	Occurs when a driver this to access invalid memory at a process itself into its too high
	Occurs when a driver thes to access a pagable of invalid address while the tRQL is too high. Usually caused by drivers indi have used
	Iniproper dudresses
	Occurs on vyindows 2000 of AF, due to unrecoverable error with typis driver
DAUGUOUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	Occurs due to kernet exception caused by device driver error or service error
UXUUUUUUUU SISIEM_SCAN_AI_KAISEU_IKQL_CAUGHI_IMPKOPEK_DKIVEK_UNLOAL	Occurs when a driver alant cancel scheduled operations such as worker threads, lookaside lists or DPCs, before unloading
	Occurs when a arriver reterences earlier treed memory
	Occurs in the arriver allocated a specific amount of memory but exceeded this limit at some point
UXUUUUUUU/ DKIYEK_UINMAPPING_INVALID_VIEW	Occurs when a specific ariver tries to unmap a non-mapped adaress. A problematic driver can be identified from the stack frace

0x00000008 DRIVER_USED_EXCESSIVE_PTES	Occurs when a driver doesn't clean temp files properly so there are no more system page tables available
0x00000009 LOCKED_PAGES_TRACKER_CORRUPTION	Occurs due to corrupted internal locked-page tracking structures
0x00000DA SYSTEM_PTE_MISUSE	Occurs due to the improper use of PTE (page table entry). Driver that caused the error will be identified by a stack trace
0x00000DB DRIVER_CORRUPTED_SYSPTES	Occurs when a driver with corrupted system PTEs tries to access pageable memory at too high of an IRQL
0x00000DC DRIVER_INVALID_STACK_ACCESS	Occurs when a driver tries to access a stack address that resides below the stack pointer of the stack's thread
0x000000de POOL CORRUPTION IN FILE AREA	Occurs due to a corruption in pool memory detected by Memory Manager
0x000000DF IMPERSONATING WORKER THREAD	Occurs when a worker thread fails to disable impersonation before it returned, because it was impersonating another process
0x00000e0 ACPI BIOS FATAL ERROR	Occurs due to a faulty component which is preventing Windows from operating any further
0x000000E1 WORKER THREAD RETURNED AT BAD IRQL	Occurs when a worker thread completes and returns with IRQL >= DISPATCH LEVEL
0x00000E2 MANUALLY INITIATED CRASH	Occurs when user initiates a crash dump through the kernel debugger or keyboard
0x000000E3 RESOURCE NOT OWNED	Occurs while restarting Windows 7 based system due to incorrectly applied ERESOURCE structure
	Occurs when there isn't required executive work item within the memory or if the currently active work item has been augued
0x00000066 DRIVER VERIFIER DMA VIOLATION	Occurs when Driver Verifier detects DMA Verification error. En exact type of violation is defined in additional error parameter. Further
	details can be obtained via debugger
0x000000E7 INVALID FLOATING POINT STATE	Occurs when restoring the previously-saved floating-point state for a thread because the state is invalid
0x000000E8 INVALID CANCEL OF FILE OPEN	Occurs when IoCancelFileOpen routhine received an invalid file object, which indicates that IoCancelFileOpen was called by a faulty driver
0x000000E9 ACTIVE EX WORKER THREAD TERMINATION	Occurs when an active executive worker thread terminates without aging through the worker thread rundown code
0x00000ea Thread Stuck in Device Driver	Occurs when a thread in the device driver enters en infinite loop
0x00000EB DIRTY MAPPED PAGES CONGESTION	Occurs when Windows detects that there are no free pages available to continue current operations
0x000000EC SESSION HAS VALID SPECIAL POOL ON EXIT	Occurs when the session driver unloads a session while there's still amount of memory hold by that session driver
	Occurs when Windows is unable to boot due to a corrupted boot file structure on the system partition
0x000000E CRITICAL PROCESS DIFD	Occurs when a critical system process dies unexpectedly, for a various reasons. Additional details can be determined using the debugger
	Occurs after installing new hardware or software due to Driver Verifier SCSI Verification violation
	Occurs when Windows OS fails to complete shut down process due to lack of memory caused by some application or system itself
	Occurs when some of crucial Windows processes or threads are being terminated unexpectedly
	Occurs when Filter Manager encounters on unrecoverable failure
	Occurs when the PCI driver attempts to verify another device or BIOS but fails because of a serious violation
0x000000F7 DRIVER OVERRAN STACK BLIEFER	Occurs when the "buffer overrup" having attack caused suffer being overrup by a diver
	Occurs when booting from the RAM disk fails due to initialization failure
	Occurs when driver response with STATILS FEPAPSE to a IPP. All CPEATE request with no trailing names
	Occurs when there is a proplem with HTIP kernel driver – Http sys
	Occurs when computer attempts to execute a non-executable memory
	Occurs when a driver component is trying to write to non-writegible pages, previously modified and marked as "do not write"
	Occurs because of a race condition within the Liberan component caused by an error in Theirersal Serial Bus (1158)
	Occurs because of a face containing me osciege component, caused by the end in conversal sends bus (05b) driver
	Occurs due to la quede overnow caused by an elemption insert a new new new new new new due to la quede barrier de la quede
	Occurs when an expected CPLI clear was not reasolized within the allocated interval
	Occurs when an expected CFO clock was not received winning the clocked interval
	Occurs when CEIL writes provider (Mor) encounters invalid of inexpected data
	Occurs when Growines to Grange of AGr memory and wash previously commined
	Occurs due to comption to organics Apendic Reinapping rable
	Occurs as prevention to serious problems of naraware admage when improper video ariver is used
	Occurs due to corrupted disk partition for corrupted SCAI (JDE drivers
	Occurs when kernel defects a critical kernel code or data corruption
	Occurs when there's a violation detected in the the system kun-time library (riskii) Extra Create Parameter (ECP) package
	Occurs due to en error in d tramework-based driver, detected by KMDF (Kernel-Mode Driver Framework)
	Occurs when hybrid graphic driver encounters a tatal, unrecoverable error, usually caused by low memory conditions
UX0000010F RESOURCE_MANAGER_EXCEPTION_NOT_HANDLED	Occurs when kernel transaction manager detects an exception in response to a direct call-back raised by kernel-mode resource manager
UX00000111 RECURSIVE_NMI	Occurs due to a non-masked-interrupt (NMI) which occurs while a previous NMI was still in progress. This situation happens when there's
	an error in SMI (System Managament Interrupt) code which interrupts an NMI, automatically enabling interrupts. While enabled, NMI
	becomes interrupted with another NMI during further execution
UXUUUUUIIZMSKPC_STATE_VIOLATION	Occurs when <i>M</i> srpc.sys driver initiates a bug check
	vvinaows 8.1 issue which occurs when waking up from a sleep mode. Happens only if computer has onboard infel graphic
	Occurs when the shadow driver detects a violation
	Occurs due to a serious violation detected by an Accelerated Graphic Port (AGP)
UXUUUUUII6VIDEO_TDR_ERROR	Occurs when Windows attempts to reset the display driver in order to recover from a timeout, but fails due to unexpected error

0x00000117 VIDEO_TDR_TIMEOUT_DETECTED	Occurs when the driver is unable to respond on time due to unexpected stability problem
0x00000119 VIDEO_SCHEDULER_INTERNAL_ERROR	Occurs when playing a video in Windows due to fatal video scheduler error occured while displaying DirectX content
0x000011A EM_INITIALIZATION_FAILURE	Uncommon error
0x0000011B DRIVER_RETURNED_HOLDING_CANCEL_LOCK	Occurs when a driver returns form a cancel routine causing all later cancellation calls to fail
0x0000011C ATTEMPTED_WRITE_TO_CM_PROTECTED_STORAGE	Occurs when computer attempts to write to the read-only protected storage within the configuration manager
0x0000011D EVENT_TRACING_FATAL_ERROR	Occurs when Event Tracking subsystem encounters an unexpected fatal error
0x0000121 DRIVER_VIOLATION	Occurs when a driver causes a serious violation
0x0000122 WHEA_INTERNAL_ERROR	Occurs due to en internal error within the Windows Hardware Error Architecture (WHEA) caused by a bug in PSHED plugin
	implementation, firmware implementation of error records or the firmware implementation of error injection
0x0000124 WHEA_UNCORRECTABLE_ERROR	Occurs due to a fatal hardware error detected and provided by WHEA (Windows Hardware Error Architecture). This situation is most
	commonly related to a physical hardware failure, such as defective memory or CPU unit
0x0000127 PAGE_NOT_ZERO	Occurs due to the page that should be filled with zeros but is not. May also be related to hardware problem
0x000012B FAULTY_HARDWARE_CORRUPTED_PAGE	Occurs due to a hardware memory issue caused by a single-bit error that was found on the page
0x000012C EXFAT_FILE_SYSTEM	Occurs due to a problem with Extended File Allocation Table (exFAT) file system
0x1000007E SYSTEM_THREAD_EXCEPTION_NOT_HANDLED_M	Occurs when en error handler misses to catch an exception generated by a specific system thread
0x1000007F UNEXPECTED_KERNEL_MODE_TRAP_M	Occurs when kernel fails to catch the trap that was generated by the Intel CPU
0x1000008E KERNEL_MODE_EXCEPTION_NOT_HANDLED_M	Occurs when an error handler missed to catch en exception generated by a kernel-mode program
0x100000EA THREAD_STUCK_IN_DEVICE_DRIVER_M	Occurs when a thread in the device driver enters en infinite loop
0xC0000218 STATUS_CANNOT_LOAD_REGISTRY_FILE	Occurs when a certain registry hive cannot be loaded due to a corrupted or missing file
0xC000021A STATUS_SYSTEM_PROCESS_TERMINATED	Occurs when a user-mode subsystem has been compromised due to a serious error, and security is no longer guaranteed
0xC0000221 STATUS_IMAGE_CHECKSUM_MISMATCH	Occurs due to a serious error in driver or other system DLL file. May also be related to faulty hardware, such as disk read error or
	defected RAM memory
0xDEADDEAD MANUALLY_INITIATED_CRASH1	Occurs when user initiates a crash dump through the kernel debugger or keyboard