

A disk read error occurred. Win NT ...



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Oct 21, 2007 Can anyone help me how to solve and fix this kind of problem?

The problem occurred on VMware Workstation 6.00 build-45731

The message on the vmware screen is:

A disk read error occurred. Insert a system diskette and restart.

(attached is a screenshot)

My VMware workstation is running on a Win XP Professional Japanese OS, and my VMware image is a Win NT workstation 4.0 Japanese OS.

Does anyone have any idea how to fix this problem? **Attachments:**

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[screenshot.JPG](#) (99.0 K)

Tags: winnt4_vmware_6, occurred_a_disk_read_error



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Oct 21, 2007 **1. Re: A disk read error occurred. Win NT Workstation 4. 0 Japanese OS on VMWare Workstation 6** Oct 31, 2007 7:35 AM

some characters may seem as garbage characters but actually there japanese characters.

the following logs was taken on the vmware.log file:

Oct 05 14:06:10.406: vmx| KHZEstimate 3192040

Oct 05 14:06:10.406: vmx| MHZEstimate 3192

Oct 05 14:06:10.406: vmx| NumVCPU's 1

Oct 05 14:06:10.406: vmx| CPUID adjusting numEntries for winNT to 3 (old val 6)

Oct 05 14:06:10.406: vmx| guestCPUID vendor: Genunteline1

Oct 05 14:06:10.406: vmx| guestCPUID level 00000000, 0: 0x00000003 0x756e6547 0x6c65746e 0x49656e69

Oct 05 14:06:10.406: vmx| guestCPUID level 00000001, 0: 0x00000f68 0x00010800 0x00000011 0x0febfbff

Oct 05 14:06:10.406: vmx| guestCPUID level 00000002, 0: 0x605b5001 0x00000000 0x00000000 0x007d7040

Oct 05 14:06:10.406: vmx| guestCPUID level 00000003, 0: 0x00000000 0x00000000 0x00000000 0x00000000

Oct 05 14:06:10.406: vmx| guestCPUID level 00000004, 0: 0x00000000 0x00000000 0x00000000 0x00000000

Oct 05 14:06:10.406: vmx| guestCPUID level 00000005, 0: 0x00000040 0x00000040 0x00000000 0x00000000

Oct 05 14:06:10.406: vmx| guestCPUID level 00000006, 0: 0x00000000 0x00000000 0x00000000 0x00000000

Oct 05 14:06:10.406: vmx| guestCPUID level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000

Oct 05 14:06:10.406: vmx| guestCPUID level 80000001, 0: 0x00000000 0x00000000 0x00000000 0x00100800

Oct 05 14:06:10.406: vmx| guestCPUID level 80000002, 0: 0x20202020 0x20202020 0x20202020 0x6e492020

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Oct 05 14:06:10.406: vmx| guestCPUID level 80000003, 0: 0x286c6574 0x50202952 0x69746e65 0x52286d75
Oct 05 14:06:10.406: vmx| guestCPUID level 80000004, 0: 0x20342029 0x20555043 0x30322e33 0x007a4847
Oct 05 14:06:10.406: vmx| guestCPUID level 80000005, 0: 0x00000000 0x00000000 0x00000000 0x00000000
Oct 05 14:06:10.406: vmx| guestCPUID level 80000006, 0: 0x00000000 0x00000000 0x08006040 0x00000000
Oct 05 14:06:10.406: vmx| guestCPUID level 80000007, 0: 0x00000000 0x00000000 0x00000000 0x00000000
Oct 05 14:06:10.406: vmx| guestCPUID level 80000008, 0: 0x00003024 0x00000000 0x00000000 0x00000000
Oct 05 14:06:10.406: vmx| PShare: enabled 1, scanRate 32, checkRate 16
Oct 05 14:06:10.406: vmx| UUID: location-UUID is 56 4d 8a 51 3e a8 24 05-b4 fe 71 f9 0a c6 bf 5e
Oct 05 14:06:10.406: vmx| UUID: canonical path is e:\vmware image\windows nt.vmx
Oct 05 14:06:10.406: vmx| UUID: location-UUID is 56 4d f0 6b 3a 8a c0 0f-ed c6 60 e8 1a d5 94 a4
Oct 05 14:06:10.406: vmx| MM: Using partialmap, 65536 pages AC 0 CE 1 TM 0 DOHU 0
Oct 05 14:06:10.406: vmx| UUID: canonical path is e:\vmware image\windows nt.vmx
Oct 05 14:06:10.406: vmx| UUID: location-UUID is 56 4d f0 6b 3a 8a c0 0f-ed c6 60 e8 1a d5 94 a4
Oct 05 14:06:10.484: vmx| MM: using 'E:\VMWare image\564df06b-3a8a-c00f-edc6-60e81ad594a4.vmem' as a paging file
Oct 05 14:06:10.484: vmx| Msg_Reset:
Oct 05 14:06:10.484: vmx|-----
Oct 05 14:06:10.484: vmx| Opened paging file E:\VMWare image\564df06b-3a8a-c00f-edc6-60e81ad594a4.vmem
Oct 05 14:06:10.500: vmx| Mapped mainmem as pageable
Oct 05 14:06:10.500: vmx| MStat: Creating Stat vm.uptime
Oct 05 14:06:10.500: vmx| MStat: Creating Stat vm.suspendTime
Oct 05 14:06:10.500: vmx| MStat: Creating Stat vm.powerOnTimeStamp
Oct 05 14:06:10.500: vmx| VMXVmdb_LoadRawConfig: Loading raw config
Oct 05 14:06:10.515: vmx| DISK: OPEN ide0:0 'E:\VMWare image\Windows NT-000001.vmdk' persistent R (null)
Oct 05 14:06:10.796: vmx| DISKLIB-DSCPTR: Opened [0]: "Windows NT-000001.vmdk" (0xa)
Oct 05 14:06:10.796: vmx| DISKLIB-LINK : Opened 'E:\VMWare image\Windows NT-000001.vmdk' (0xa): monolithicSparse, 83886080 sectors / 40960 Mb.
Oct 05 14:06:10.875: vmx| DISKLIB-DSCPTR: Opened [0]: "Windows NT.vmdk" (0xe)
Oct 05 14:06:10.875: vmx| DISKLIB-LINK : Opened 'E:\VMWare image\Windows NT.vmdk' (0xe): monolithicSparse, 83886080 sectors / 40960 Mb.
Oct 05 14:06:10.875: vmx| DISKLIB-LIB : Opened "E:\VMWare image\Windows NT-000001.vmdk" (flags 0xa). 952E4AC
Oct 05 14:06:10.875: vmx| DiskGetGeometry: Reading of disk partition table
Oct 05 14:06:10.890: vmx| DISK: OPEN 'E:\VMWare image\Windows NT-000001.vmdk' Geo (16383/16/63) BIOS Geo (88768/15/63) freeSpace=12223Mb, ide
Oct 05 14:06:10.890: vmx| Msg_Reset:
Oct 05 14:06:10.890: vmx|-----
Oct 05 14:06:10.890: vmx| TimeTracker host to guest rate conversion 64493659193344 @ 3192040000Hz -> 64493659193344 @ 3192040000Hz

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Oct 05 14:06:10.890: vmx| TimeTracker host to guest rate conversion ((x * 2147483648) >> 31) + 0
Oct 05 14:06:10.890: vmx| MKS REMOTE Loading VNC Configuration from VM config file
Oct 05 14:06:10.890: vmx| DISKUTIL: ide0:0 : capacity=83886080
Oct 05 14:06:10.890: vmx| SCSI0: UNTAGGED commands will be converted to ORDER tags.
Oct 05 14:06:10.890: vmx| VLANCE: send cluster threshold is 80, size = 2 recalInterval is 2 ticks
Oct 05 14:06:10.890: vmx| Ethernet0 MAC Address: 00:0c:29:d5:94:a4
Oct 05 14:06:10.890: vmx| VMXNET: send cluster threshold is 80, size = 2 recalInterval is 2 ticks, dontClusterSize is 128
Oct 05 14:06:10.890: vmx| E1000: checksum cycles/kB: C=1182 asm=2907
Oct 05 14:06:10.890: vmx| MStat: Creating Stat vm.heartbeat
Oct 05 14:06:10.890: vmx| DISKUTIL: ide0:0 : toolsVersion = 6404
Oct 05 14:06:10.890: vmx| TOOLS INSTALL initializing state to IDLE on power on.
Oct 05 14:06:10.890: vmx| PTSC to VMI Wallclock (nsec) 64493698181952 @ 3192040000Hz -> 119156077000000000 @ 1000000000Hz
Oct 05 14:06:10.906: vmx| PTSC to VMI Wallclock (nsec) ((x * 2691048543) >> 33) + 1191540565460528086
Oct 05 14:06:10.906: vmx| VirtualProtect MapProtectMem(0x9a10000,0x1000) returns 0x1e7
Oct 05 14:06:10.906: vmx| VirtualProtect MapProtectMem(0x9a12000,0x0) returns 0x57
Oct 05 14:06:10.906: vmx| TOOLS received request in VMX to set option 'enableDnD' -> '1'
Oct 05 14:06:10.906: vmx| TOOLS received request in VMX to set option 'coppypaste' -> '1'
Oct 05 14:06:10.921: vmx| VMX_PowerOn: ModuleTable_PowerOn = 1
Oct 05 14:06:10.921: vmx| VMX setting maximum IPC write buffers to 0 packets, 0 bytes
Oct 05 14:06:10.921: mks| Async MKS thread is alive
Oct 05 14:06:10.921: vcpu-0| APIC: version = 0x14, max LVT = 5
Oct 05 14:06:10.921: vcpu-0| APIC: LDR = 0x2000000, DFR = 0xffffffff
Oct 05 14:06:10.937: vmx| DnD rpc already set to 1
Oct 05 14:06:10.937: vmx| DnD CopyPasteRegisterRpc already set to 1
Oct 05 14:06:10.953: vcpu-0| guestCpuFeatures = 0x800001f0
Oct 05 14:06:10.953: vcpu-0| Init modules.
Oct 05 14:06:10.968: vcpu-0| CPU reset: hard
Oct 05 14:06:11.015: vmx| Msg_Post: Warning
Oct 05 14:06:11.015: vmx| <http://msg.vnet.bridgeDown> The network bridge on device VMnet0 is temporarily down because
the bridged Ethernet interface is down. The virtual machine may not be able to communicate with the host or with other machines on your network.
Oct 05 14:06:11.015: vmx|-----
Oct 05 14:06:11.078: vmx| VNET: Notification enabled for Ethernet0
Oct 05 14:06:11.093: vmx| CDROM: Using autodetect backend D: for ide1:0.
Oct 05 14:06:11.093: vmx| CDROM: Connecting ide1:0 to 'D:'. img=0 raw=1 excl=0 remote=0
Oct 05 14:06:11.093: mks| Connecting to window system.

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Oct 05 14:06:11.093: mks| KHBKL: Unable to parse keysting at: "
Oct 05 14:06:11.093: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.156: vcpu-0| sz=3055584
Oct 05 14:06:11.171: vcpu-0| vmm32 initialized: Releasebuild-45731. cflags:
0x00000002.18000000.54000620.00000002
Oct 05 14:06:11.171: vcpu-0| MonitorInitNumaUnmapVMM32
Oct 05 14:06:11.187: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.546: vcpu-0| SVGA: Registering MemSpace at 0xf0000000(0x0) and 0xe8000000(0x0)
Oct 05 14:06:11.546: vcpu-0| SVGA: Unregistering MemSpace at 0xf0000000(0xf0000000) and
0xe8000000(0xe8000000)
Oct 05 14:06:11.578: vcpu-0| SVGA: Registering MemSpace at 0xf0000000(0xf0000000) and
0xe8000000(0xe8000000)
Oct 05 14:06:11.578: vcpu-0| SVGA: Unregistering MemSpace at 0xf0000000(0xf0000000) and
0xe8000000(0xe8000000)
Oct 05 14:06:11.593: vcpu-0| SVGA: Registering IOSpace at 0x1440
Oct 05 14:06:11.593: vcpu-0| SVGA: Registering MemSpace at 0xf0000000(0xf0000000) and
0xe8000000(0xe8000000)
Oct 05 14:06:11.640: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.640: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.718: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.734: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.734: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.734: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.734: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:11.750: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:12.421: vcpu-0| CDROM-WIN: 'D:' Length 24 MaxTransferLength 131072 MaxPhysPages 32
Oct 05 14:06:12.421: vcpu-0| CDROM-WIN: AlignMask 0x1 !AsyncEvent !TaggedQ ScanUp PIO
Oct 05 14:06:13.140: vcpu-0| VIDE: Curr CHS info cyls: 17475 heads: 15 sects: 63 lba_cap: 83886080
Oct 05 14:06:14.093: vcpu-0| BIOS-UUID is 56 4d f0 6b 3a 8a c0 0f-ed c6 60 e8 1a d5 94 a4
Oct 05 14:06:14.453: vcpu-0| DISKUTIL: ide0:0 : toolsVersion = 6404
Oct 05 14:06:14.453: vcpu-0| DISKUTIL: ide0:0 : toolsVersion = 6404
Oct 05 14:06:14.484: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:14.484: mks| Ignoring update request in VGA_Expose (mode change pending).
Oct 05 14:06:18.687: mks| SVGA: Remote display status changed, enabling local optimizations
Oct 05 14:07:05.312: vmx| VMXVmdbCbVmVmxExecState: Exec state change requested to state poweredOff
without reset
Oct 05 14:07:05.312: vmx| Stopping VCPU threads...
Oct 05 14:07:05.328: mks| Detaching from window system.
Oct 05 14:07:05.328: mks| Async MKS thread is exiting
Oct 05 14:07:05.328: vmx| TOOLS received request in VMX to set option 'enableDnD' -> '0'
Oct 05 14:07:05.328: vmx| TOOLS received request in VMX to set option 'copypaste' -> '0'


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Oct 05 14:07:05.328: vmx| TOOLS received request in VMX to set option 'copypaste' -> '0'
Oct 05 14:07:05.328: vmx| MKS local poweroff
Oct 05 14:07:05.328: vmx| ide0:0: numI/Os = 11 numMergedI/Os = 0 numSplitI/Os = 0 (0.0%)
Oct 05 14:07:05.343: vmx| AIOWIN32: asyncOps=12 syncOps=88 bufSize=0Kb delayed=0 fixed=0 sgOp=90
sgOn=1
Oct 05 14:07:05.484: vmx| WORKER: asyncOps=2 maxActiveOps=1 maxPending=0 maxCompleted=0
Oct 05 14:07:05.828: vmx| vmdbPipe_Streams: Couldn't read
Oct 05 14:07:05.828: vmx| VMX idle exit
Oct 05 14:07:05.828: vmx| Flushing VMX VMDB connections
Oct 05 14:07:05.828: vmx| IPC_exit: disconnecting all threads
Oct 05 14:07:05.828: vmx| VMX exit (0).
Oct 05 14:07:05.828: vmx| AIOMGR-S : stat o=2 r=6 w=0 i=0 br=25600 bw=0



[sseanray](#) 3 posts since

Oct 21, 2007 2. **Re: A disk read error occurred. Win NT Workstation 4. 0 Japanese OS on VMWare Workstation 6** Nov 20, 2007 4:34 PM

 in response to: [sseanray](#) It seems the problem with the NTFS version used by Windows NT 4.0. VMWare Workstation 6.0 seems to support only NTFS 5.1 used by Windows 2000 and higher.

Solution: Convert the vmware image. From Workstation 6.0 menu bar, Click on File -> Import -> Standalone Virtual Machine -> Point to the vmware image vmx file and create full clone of this VM.