

Recovery tool For VMFS Volume - ...



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Jan 3, 2007

Hi to All,

Yestarday we migrated 4 VMs from One Datastore to Another Datastore.

3 got successfully completed. One of that also got migrated successfully, but is was not getting powered on.

After speaking with Support we came to conclusion that the main Flat VMDK files are missing, only the snapshots are their in the migrated folder.

Thats why is was giving error " A File was not found". Support told us that someone has manually done that, but it is not the case.

I am sure that I will get workaround for this case anyway from all of you. And I will able to recover missing Flat VMDK Files.

Please help us to recover the same.

Thanks in Advance.

:::[[ashX](#)]*::.* Tags: ashxos, ashx, [ashx], vmfs, recovery



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Jan 3, 2007 1. **Re: Recovery tool For VMFS Volume - Urgent!!! Plz Help!** Jun 18, 2009 1:58 AM

vmware log file

Jun 18 09:16:39.016: vmx| Log for VMware ESX Server pid=101207 version=3.5.0 build=build-153875 option=Release

Jun 18 09:16:39.019: vmx| Hostname=mffvmware3.encnet.com

Jun 18 09:16:39.019: vmx| Command line: "/usr/lib/vmware/bin/vmware-vmx" "-ssched.group=host/user" "-#" "name=VMware ESX Server;version=3.5.0;licensename=VMware ESX Server;licenseversion=2.0 build-153875;" "-@" "pipe=/tmp/vmhsdaemon-0/vmxbb42a09b98ec49d1;" "/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/ENCECS00.vmx"

Jun 18 09:16:39.072: vmx| UI Connecting to pipe '/tmp/vmhsdaemon-0/vmxbb42a09b98ec49d1' with user '(null)'

Jun 18 09:16:39.124: vmx| Sig_Init already initialized

Jun 18 09:16:39.130: vmx| CPUID[0] vendor: Genuntelinel

Jun 18 09:16:39.130: vmx| CPUID[0] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69

Jun 18 09:16:39.130: vmx| CPUID[0] level 00000001, 0: 0x0001067a 0x00040800 0x040ce3bd 0xbfebfbff

Jun 18 09:16:39.130: vmx| CPUID[0] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000

Jun 18 09:16:39.130: vmx| CPUID[0] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000

Jun 18 09:16:39.130: vmx| CPUID[0] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000

Jun 18 09:16:39.131: vmx| CPUID[1] vendor: Genuntelinel

Jun 18 09:16:39.131: vmx| CPUID[1] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69

Jun 18 09:16:39.131: vmx| CPUID[1] level 00000001, 0: 0x0001067a 0x01040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.131: vmx| CPUID[1] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.131: vmx| CPUID[1] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.131: vmx| CPUID[1] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.131: vmx| CPUID[2] vendor: Genuntelinel
Jun 18 09:16:39.131: vmx| CPUID[2] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.131: vmx| CPUID[2] level 00000001, 0: 0x0001067a 0x02040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.131: vmx| CPUID[2] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.131: vmx| CPUID[2] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.131: vmx| CPUID[2] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.131: vmx| CPUID[3] vendor: Genuntelinel
Jun 18 09:16:39.132: vmx| CPUID[3] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.132: vmx| CPUID[3] level 00000001, 0: 0x0001067a 0x03040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.132: vmx| CPUID[3] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.132: vmx| CPUID[3] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.132: vmx| CPUID[3] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.132: vmx| CPUID[4] vendor: Genuntelinel
Jun 18 09:16:39.132: vmx| CPUID[4] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.132: vmx| CPUID[4] level 00000001, 0: 0x0001067a 0x04040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.132: vmx| CPUID[4] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.132: vmx| CPUID[4] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.132: vmx| CPUID[4] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.132: vmx| CPUID[5] vendor: Genuntelinel
Jun 18 09:16:39.132: vmx| CPUID[5] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.133: vmx| CPUID[5] level 00000001, 0: 0x0001067a 0x05040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.133: vmx| CPUID[5] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.133: vmx| CPUID[5] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.133: vmx| CPUID[5] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.133: vmx| CPUID[6] vendor: Genuntelinel
Jun 18 09:16:39.133: vmx| CPUID[6] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.133: vmx| CPUID[6] level 00000001, 0: 0x0001067a 0x06040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.133: vmx| CPUID[6] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.133: vmx| CPUID[6] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.133: vmx| CPUID[6] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.133: vmx| CPUID[7] vendor: Genuntelinel
Jun 18 09:16:39.133: vmx| CPUID[7] level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.133: vmx| CPUID[7] level 00000001, 0: 0x0001067a 0x07040800 0x040ce3bd 0xbfebfbff
Jun 18 09:16:39.134: vmx| CPUID[7] level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000

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Jun 18 09:16:39.134: vmx| CPUID[7] level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.134: vmx| CPUID[7] level 80000008, 0: 0x00003026 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.134: vmx| hostCPUID vendor: Genunteline1
Jun 18 09:16:39.134: vmx| hostCPUID level 00000000, 0: 0x0000000d 0x756e6547 0x6c65746e 0x49656e69
Jun 18 09:16:39.134: vmx| hostCPUID level 00000001, 0: 0x0001067a 0x00040800 0x040ce3bd 0xbfbefbfb
Jun 18 09:16:39.134: vmx| hostCPUID level 80000000, 0: 0x80000008 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.134: vmx| hostCPUID level 80000001, 0: 0x00000000 0x00000000 0x00000001 0x20100000
Jun 18 09:16:39.134: vmx| hostCPUID level 80000008, 0: 0x00003024 0x00000000 0x00000000 0x00000000
Jun 18 09:16:39.134: vmx| CPUID Maximum Physical Address Bits supported across all CPUs: 38
Jun 18 09:16:39.143: vmx| Setup symlink /var/run/vmware/19ae9df09e01625d3dc8e7e755fa33b7 ->
/var/run/vmware/root_0/1245296799020663_101207
Jun 18 09:16:39.145: vmx| ACL_InitCapabilities: current IPC thread
Jun 18 09:16:39.145: vmx| ACL_InitCapabilities: done
Jun 18 09:16:39.154: vmx| changing directory to
/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/.
Jun 18 09:16:39.154: vmx| Config file:
/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/ENCECS00.vmx
Jun 18 09:16:39.168: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : open
successful (23) size = 53687091200, hd = 0. Type 8
Jun 18 09:16:39.172: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000002-delta.vmdk" : open
successful (23) size = 53687091200, hd = 0. Type 8
Jun 18 09:16:39.173: vmx| DISKLIB-LINK :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The system
cannot find the file specified).
Jun 18 09:16:39.173: vmx| DISKLIB-CHAIN
: "/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk": Failed to open
parent "/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk": The system cannot
find the file specified.
Jun 18 09:16:39.173: vmx| DISKLIB-CHAIN :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The parent
of this virtual disk could not be opened).
Jun 18 09:16:39.173: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : closed.
Jun 18 09:16:39.173: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000002-delta.vmdk" : closed.
Jun 18 09:16:39.173: vmx| DISKLIB-LIB : Failed to open
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' with flags 0x17 (The
parent of this virtual disk could not be opened).
Jun 18 09:16:39.176: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : open
successful (21) size = 53687091200, hd = 0. Type 8
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Jun 18 09:16:39.178: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : open successful (23) size = 53687091200, hd = 0. Type 8

Jun 18 09:16:39.180: vmx| DISKLIB-LINK :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The system cannot find the file specified).

Jun 18 09:16:39.180: vmx| DISKLIB-CHAIN : "MFFVM2-000002.vmdk": Failed to open parent
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk": The system cannot find the file specified.

Jun 18 09:16:39.180: vmx| DISKLIB-CHAIN :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The parent of this virtual disk could not be opened).

Jun 18 09:16:39.180: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : closed.

Jun 18 09:16:39.180: vmx| DISKLIB-LIB : Failed to open 'MFFVM2-000002.vmdk' with flags 0x17 (The parent of this virtual disk could not be opened).

Jun 18 09:16:39.182: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : open successful (21) size = 53687091200, hd = 0. Type 8

Jun 18 09:16:39.184: vmx| DISKLIB-LINK : "MFFVM2.vmdk" : failed to open (The system cannot find the file specified).

Jun 18 09:16:39.184: vmx| DISKLIB-CHAIN : "MFFVM2.vmdk" : failed to open (The system cannot find the file specified).

Jun 18 09:16:39.184: vmx| DISKLIB-LIB : Failed to open 'MFFVM2.vmdk' with flags 0x17 (The system cannot find the file specified).

Jun 18 09:16:39.184: vmx| DISK: Cannot open disk "MFFVM2.vmdk": The system cannot find the file specified (25).

Jun 18 09:16:39.184: vmx| DISK: Cannot open disk 'MFFVM2.vmdk' : The system cannot find the file specified.

Jun 18 09:16:39.184: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : closed.

Jun 18 09:16:39.184: vmx| DISK: Cannot open disk 'MFFVM2-000002.vmdk' : The system cannot find the file specified.

Jun 18 09:16:39.185: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : closed.

Jun 18 09:16:39.185: vmx| DISKUTIL: GetDevVersion: couldn't open file
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' : The system cannot find the file specified (25).

Jun 18 09:16:39.185: vmx| DISKUTIL: Could not populate version buffer.

Jun 18 09:16:39.245: vmx| VMXVmdb_LoadRawConfig: Loading raw config

Jun 18 09:16:39.293: vmx| VMXVmdbCbVmVmxExecState: Exec state change requested to state poweredOn without reset

Jun 18 09:16:39.293: vmx| TOOLS delaying state change request to state 3

Jun 18 09:16:39.294: vmx| PowerOn

Jun 18 09:16:39.298: vmx| VMXVmdb_LoadRawConfig: Loading raw config

Jun 18 09:16:39.304: vmx| UNAME Linux mffvmware3.encnet.com 2.4.21-57.ELvminix #1 Fri Mar 13 14:33:50 PDT 2009 i686 (uwglibc version 6)

Jun 18 09:16:39.304: vmx| DICT --- USER PREFERENCES

Jun 18 09:16:39.304: vmx| DICT --- USER DEFAULTS

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Jun 18 09:16:39.304: vmx| DICT --- HOST DEFAULTS
Jun 18 09:16:39.304: vmx| DICT libdir = /usr/lib/vmware
Jun 18 09:16:39.304: vmx| DICT authd.fullpath = /usr/sbin/vmware-authd
Jun 18 09:16:39.304: vmx| DICT authd.client.port = 902
Jun 18 09:16:39.304: vmx| DICT vmware.fullpath = /usr/bin/vmware
Jun 18 09:16:39.304: vmx| DICT control.fullpath = /usr/bin/vmware-cmd
Jun 18 09:16:39.304: vmx| DICT serverd.fullpath = /usr/sbin/vmware-serverd
Jun 18 09:16:39.304: vmx| DICT serverd.init.fullpath = /usr/lib/vmware/serverd/init.pl
Jun 18 09:16:39.304: vmx| DICT authd.proxy.vim = vmware-hostd:hostd-vmdb
Jun 18 09:16:39.304: vmx| DICT authd.proxy.nfc = vmware-hostd:ha-nfc
Jun 18 09:16:39.304: vmx| DICT authd.proxy.nfcssl = vmware-hostd:ha-nfcssl
Jun 18 09:16:39.304: vmx| DICT authd.soapServer = TRUE
Jun 18 09:16:39.304: vmx| DICT authd.proxy.vpxa-nfc = vmware-vpxa:vpxa-nfc
Jun 18 09:16:39.304: vmx| DICT authd.proxy.vpxa-nfcssl = vmware-vpxa:vpxa-nfcssl
Jun 18 09:16:39.304: vmx| DICT --- SITE DEFAULTS
Jun 18 09:16:39.304: vmx| DICT tag.help = introduction.htm
Jun 18 09:16:39.304: vmx| DICT tag.configurationEditor = config_editor_newvm.htm
Jun 18 09:16:39.304: vmx| DICT tag.ideConfig = devices_virtualdrive.htm
Jun 18 09:16:39.304: vmx| DICT tag.floppyConfig = devices_floppy.htm
Jun 18 09:16:39.304: vmx| DICT tag.mouseConfig = devices_mouse.htm
Jun 18 09:16:39.304: vmx| DICT tag.netConfig = devices_netadapter.htm
Jun 18 09:16:39.304: vmx| DICT tag.parallelConfig = devices_parallel.htm
Jun 18 09:16:39.304: vmx| DICT tag.serialConfig = devices_serial.htm
Jun 18 09:16:39.304: vmx| DICT tag.soundConfig = devices_sound.htm
Jun 18 09:16:39.304: vmx| DICT tag.memConfig = configvm_memory.htm
Jun 18 09:16:39.304: vmx| DICT tag.miscConfig = configvm.htm
Jun 18 09:16:39.304: vmx| DICT tag.usbConfig = devices_usb.htm
Jun 18 09:16:39.304: vmx| DICT tag.displayConfig = configvm_display-problems.htm
Jun 18 09:16:39.304: vmx| DICT tag.tools = vmtools.htm
Jun 18 09:16:39.304: vmx| DICT --- COMMAND LINE
Jun 18 09:16:39.304: vmx| DICT sched.group = host/user
Jun 18 09:16:39.304: vmx| DICT --- CONFIGURATION
Jun 18 09:16:39.304: vmx| DICT config.version = 8
Jun 18 09:16:39.304: vmx| DICT virtualHW.version = 4
Jun 18 09:16:39.304: vmx| DICT floppy0.present = TRUE
Jun 18 09:16:39.304: vmx| DICT nvram = ENCECS00.nvram
Jun 18 09:16:39.304: vmx| DICT deploymentPlatform = windows
Jun 18 09:16:39.304: vmx| DICT virtualHW.productCompatibility = hosted
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Jun 18 09:16:39.304: vmx| DICT tools.upgrade.policy = manual
Jun 18 09:16:39.304: vmx| DICT powerType.powerOff = default
Jun 18 09:16:39.304: vmx| DICT powerType.powerOn = default
Jun 18 09:16:39.304: vmx| DICT powerType.suspend = default
Jun 18 09:16:39.304: vmx| DICT powerType.reset = default
Jun 18 09:16:39.304: vmx| DICT displayName = ENCECS00
Jun 18 09:16:39.304: vmx| DICT extendedConfigFile = ENCECS00.vmx
Jun 18 09:16:39.304: vmx| DICT numvcpus = 2
Jun 18 09:16:39.304: vmx| DICT scsi0.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0.sharedBus = none
Jun 18 09:16:39.304: vmx| DICT scsi0.virtualDev = lsilogic
Jun 18 09:16:39.304: vmx| DICT memsize = 8192
Jun 18 09:16:39.304: vmx| DICT scsi0:0.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:0.fileName = MFFVM2-000009.vmdk
Jun 18 09:16:39.304: vmx| DICT scsi0:0.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:0.shares = normal
Jun 18 09:16:39.304: vmx| DICT scsi0:1.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:1.fileName = MFFVM2_1-000009.vmdk
Jun 18 09:16:39.304: vmx| DICT scsi0:1.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:1.shares = normal
Jun 18 09:16:39.304: vmx| DICT scsi0:2.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:2.fileName = MFFVM2_2-000009.vmdk
Jun 18 09:16:39.304: vmx| DICT scsi0:2.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:2.shares = normal
Jun 18 09:16:39.304: vmx| DICT scsi0:3.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:3.fileName = MFFVM2_3-000005.vmdk
Jun 18 09:16:39.304: vmx| DICT scsi0:3.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:3.shares = normal
Jun 18 09:16:39.304: vmx| DICT scsi0:4.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:4.fileName = MFFVM2_4-000005.vmdk
Jun 18 09:16:39.304: vmx| DICT scsi0:4.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:4.shares = normal
Jun 18 09:16:39.304: vmx| DICT scsi0:5.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:5.fileName = MFFVM2_5-000005.vmdk
Jun 18 09:16:39.304: vmx| DICT scsi0:5.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:5.shares = normal
Jun 18 09:16:39.304: vmx| DICT scsi0:6.present = TRUE
Jun 18 09:16:39.304: vmx| DICT scsi0:6.fileName = MFFVM2_7-000002.vmdk

Jun 18 09:16:39.304: vmx| DICT scsi0:6.deviceType = scsi-hardDisk
Jun 18 09:16:39.304: vmx| DICT sched.scsi0:6.shares = normal
Jun 18 09:16:39.304: vmx| DICT ide0:0.present = TRUE
Jun 18 09:16:39.304: vmx| DICT ide0:0.clientDevice = TRUE
Jun 18 09:16:39.304: vmx| DICT ide0:0.fileName = /usr/lib/vmware/isoimages/windows.iso
Jun 18 09:16:39.304: vmx| DICT ide0:0.deviceType = cdrom-raw
Jun 18 09:16:39.304: vmx| DICT ide0:0.startConnected = FALSE
Jun 18 09:16:39.304: vmx| DICT floppy0.startConnected = FALSE
Jun 18 09:16:39.304: vmx| DICT floppy0.fileName = /dev/fd0
Jun 18 09:16:39.304: vmx| DICT floppy0.clientDevice = TRUE
Jun 18 09:16:39.304: vmx| DICT ethernet0.present = TRUE
Jun 18 09:16:39.304: vmx| DICT ethernet0.virtualDev = e1000
Jun 18 09:16:39.304: vmx| DICT ethernet0.networkName = Production
Jun 18 09:16:39.304: vmx| DICT ethernet0.addressType = vpx
Jun 18 09:16:39.304: vmx| DICT ethernet0.generatedAddress = 00:50:56:b1:45:58
Jun 18 09:16:39.304: vmx| DICT guestOSAltName = Microsoft Windows Server 2003, Enterprise Edition (64-bit)
Jun 18 09:16:39.304: vmx| DICT guestOS = winnetenterprise-64
Jun 18 09:16:39.304: vmx| DICT annotation = MFF Prototype Server
Jun 18 09:16:39.304: vmx| DICT uuid.bios = 50 31 cf 33 83 81 54 9e-84 8e be 7d 5c b9 38 ff
Jun 18 09:16:39.304: vmx| DICT log.fileName = vmware.log
Jun 18 09:16:39.304: vmx| DICT snapshot.action = keep
Jun 18 09:16:39.304: vmx| DICT sched.cpu.min = 0
Jun 18 09:16:39.304: vmx| DICT sched.cpu.max = 69564
Jun 18 09:16:39.304: vmx| DICT sched.cpu.units = mhz
Jun 18 09:16:39.304: vmx| DICT sched.cpu.shares = normal
Jun 18 09:16:39.304: vmx| DICT sched.mem.minsize = 0
Jun 18 09:16:39.304: vmx| DICT sched.mem.max = 8192
Jun 18 09:16:39.304: vmx| DICT sched.mem.shares = normal
Jun 18 09:16:39.304: vmx| DICT toolScripts.afterPowerOn = TRUE
Jun 18 09:16:39.304: vmx| DICT toolScripts.afterResume = TRUE
Jun 18 09:16:39.305: vmx| DICT toolScripts.beforeSuspend = TRUE
Jun 18 09:16:39.305: vmx| DICT toolScripts.beforePowerOff = TRUE
Jun 18 09:16:39.305: vmx| DICT evcCompatibilityMode = FALSE
Jun 18 09:16:39.305: vmx| DICT guestCPUID.0 = 0000000d756e65476c65746e49656e69
Jun 18 09:16:39.305: vmx| DICT guestCPUID.1 = 0001067800010800000822010febfbff
Jun 18 09:16:39.305: vmx| DICT guestCPUID.80000001 = 00000000000000000000000120100000
Jun 18 09:16:39.305: vmx| DICT hostCPUID.0 = 0000000d756e65476c65746e49656e69
Jun 18 09:16:39.305: vmx| DICT hostCPUID.1 = 0001067a00040800040ce3bdbfbfbff

Jun 18 09:16:39.305: vmx| DICT hostCPUID.80000001 = 00000000000000000000000120100000
Jun 18 09:16:39.305: vmx| DICT scsi0:0.redo =
Jun 18 09:16:39.305: vmx| DICT scsi0:1.redo =
Jun 18 09:16:39.305: vmx| DICT scsi0:2.redo =
Jun 18 09:16:39.305: vmx| DICT scsi0:3.redo =
Jun 18 09:16:39.305: vmx| DICT scsi0:4.redo =
Jun 18 09:16:39.305: vmx| DICT scsi0:5.redo =
Jun 18 09:16:39.305: vmx| DICT scsi0:6.redo =
Jun 18 09:16:39.305: vmx| DICT userCPUID.0 = 0000000d756e65476c65746e49656e69
Jun 18 09:16:39.305: vmx| DICT userCPUID.1 = 0001067a00040800000822010febfbff
Jun 18 09:16:39.305: vmx| DICT userCPUID.80000001 = 00000000000000000000000120100000
Jun 18 09:16:39.305: vmx| DICT vmware.tools.requiredversion = 7303
Jun 18 09:16:39.305: vmx| DICT uuid.location = 56 4d 45 07 c1 12 94 6b-e7 6e 5f 84 a1 0d 49 8d
Jun 18 09:16:39.305: vmx| DICT sched.swap.derivedName =
/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/ENCECS00-d4f2af68.vswp
Jun 18 09:16:39.305: vmx| DICT --- USER DEFAULTS
Jun 18 09:16:39.305: vmx| DICT --- HOST DEFAULTS
Jun 18 09:16:39.305: vmx| DICT libdir = /usr/lib/vmware
Jun 18 09:16:39.305: vmx| DICT authd.fullpath = /usr/sbin/vmware-authd
Jun 18 09:16:39.305: vmx| DICT authd.client.port = 902
Jun 18 09:16:39.305: vmx| DICT vmware.fullpath = /usr/bin/vmware
Jun 18 09:16:39.305: vmx| DICT control.fullpath = /usr/bin/vmware-cmd
Jun 18 09:16:39.305: vmx| DICT serverd.fullpath = /usr/sbin/vmware-serverd
Jun 18 09:16:39.305: vmx| DICT serverd.init.fullpath = /usr/lib/vmware/serverd/init.pl
Jun 18 09:16:39.305: vmx| DICT authd.proxy.vim = vmware-hostd:hostd-vmdb
Jun 18 09:16:39.305: vmx| DICT authd.proxy.nfc = vmware-hostd:ha-nfc
Jun 18 09:16:39.305: vmx| DICT authd.proxy.nfcssl = vmware-hostd:ha-nfcssl
Jun 18 09:16:39.305: vmx| DICT authd.soapServer = TRUE
Jun 18 09:16:39.305: vmx| DICT authd.proxy.vpxa-nfc = vmware-vpxa:vpxa-nfc
Jun 18 09:16:39.305: vmx| DICT authd.proxy.vpxa-nfcssl = vmware-vpxa:vpxa-nfcssl
Jun 18 09:16:39.305: vmx| DICT --- SITE DEFAULTS
Jun 18 09:16:39.305: vmx| DICT tag.help = introduction.htm
Jun 18 09:16:39.305: vmx| DICT tag.configurationEditor = config_editor_newvm.htm
Jun 18 09:16:39.305: vmx| DICT tag.ideConfig = devices_virtualdrive.htm
Jun 18 09:16:39.305: vmx| DICT tag.floppyConfig = devices_floppy.htm
Jun 18 09:16:39.305: vmx| DICT tag.mouseConfig = devices_mouse.htm
Jun 18 09:16:39.305: vmx| DICT tag.netConfig = devices_netadapter.htm
Jun 18 09:16:39.305: vmx| DICT tag.parallelConfig = devices_parallel.htm

Jun 18 09:16:39.305: vmx| DICT tag.serialConfig = devices_serial.htm
Jun 18 09:16:39.305: vmx| DICT tag.soundConfig = devices_sound.htm
Jun 18 09:16:39.305: vmx| DICT tag.memConfig = configvm_memory.htm
Jun 18 09:16:39.305: vmx| DICT tag.miscConfig = configvm.htm
Jun 18 09:16:39.305: vmx| DICT tag.usbConfig = devices_usb.htm
Jun 18 09:16:39.305: vmx| DICT tag.displayConfig = configvm_display-problems.htm
Jun 18 09:16:39.305: vmx| DICT tag.tools = vmtools.htm
Jun 18 09:16:39.305: vmx| DICT --- GLOBAL SETTINGS
Jun 18 09:16:39.386: vmx| hostCpuFeatures = 0x446000fc
Jun 18 09:16:39.386: vmx| hostNumPerfCounters = 2
Jun 18 09:16:39.410: vmx| VMMon_CreateVM: vmmon.numVCPUs=2
Jun 18 09:16:39.411: vmx| Swap file path:
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/ENCECS00-d4f2af68.vswp'
Jun 18 09:16:39.485: vmx| Using swap file
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/ENCECS00-d4f2af68.vswp'
Jun 18 09:16:39.485: vmx| VMXVmdb_LoadRawConfig: Loading raw config
Jun 18 09:16:39.759: vmx| vmm32-modules: vmm.vmm32 .data:0x2c000 .sdata:0x2e000 .statvars:0x2f000
.peer:0x30000 .shared:0x57000 .bss:0x6d000 .rodata:0x74000 .text:0x80000 .kstatvars:0x4000 .mmu-pae.vmm32
.rodata:0x7f6c0 .data:0x2d4a0 .peer:0x54be0 .shared:0x6c542 .bss:0x72c00 .text:0xd6b08 .comment:0x40000dc8
.statvars:0x2000 .kstatvars:0x2000 .scb:0x40004740 .shared_meta:0x40004560 .peer_meta:0x40000cc0
.sharedmmu-none.vmm32 .text:0xe0af4 .comment:0x40000ed6 .pv-none.vmm32 .data:0x2d4c0 .peer:0x1000
.shared:0x6ce82 .bss:0x730c0 .text:0xe0b20 .comment:0x40000ee8 .statvars:0x1000 .kstatvars:0x1000
.shared_meta:0x400048f0 .hv-none.vmm32 .text:0xe0c14 .comment:0x40000f42 .<MonSrcFile> .rodata:0x7f6d0
Jun 18 09:16:39.760: vmx| KHZEstimate 2992500
Jun 18 09:16:39.760: vmx| MHZEstimate 2993
Jun 18 09:16:39.760: vmx| NumVCPUs 2
Jun 18 09:16:39.760: vmx| UUID: location-UUID is 56 4d 45 07 c1 12 94 6b-e7 6e 5f 84 a1 0d 49 8d
Jun 18 09:16:39.760: vmx| WORKER: Creating new group with numThreads=2 (2)
Jun 18 09:16:39.949: vmx| Mapped mainmem as pageable
Jun 18 09:16:39.950: vmx| MStat: Creating Stat vm.uptime
Jun 18 09:16:39.950: vmx| MStat: Creating Stat vm.suspendTime
Jun 18 09:16:39.950: vmx| MStat: Creating Stat vm.powerOnTimeStamp
Jun 18 09:16:39.957: vmx| VMXVmdb_LoadRawConfig: Loading raw config
Jun 18 09:16:39.964: vmx| DISK: OPEN scsi0:0
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' persistent R (null)
Jun 18 09:16:39.967: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : open
successful (10) size = 3288438784, hd = 12350. Type 8
Jun 18 09:16:39.967: vmx| DISKLIB-DSCPTR: Opened [0]: "MFFVM2-000009-delta.vmdk" (0xa)
Jun 18 09:16:39.967: vmx| DISKLIB-LINK : Opened
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' (0xa): vmfsSparse,
104857600 sectors / 51200 Mb.

Jun 18 09:16:39.970: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000002-delta.vmdk" : open
successful (14) size = 10620082176, hd = 12351. Type 8

Jun 18 09:16:39.970: vmx| DISKLIB-DSCPTR: Opened [0]: "MFFVM2-000002-delta.vmdk" (0xe)

Jun 18 09:16:39.971: vmx| DISKLIB-LINK : Opened
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000002.vmdk' (0xe): vmfsSparse,
104857600 sectors / 51200 Mb.

Jun 18 09:16:39.972: vmx| DISKLIB-LINK :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The system
cannot find the file specified).

Jun 18 09:16:39.972: vmx| DISKLIB-CHAIN
: "/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk": Failed to open
parent "/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk": The system cannot
find the file specified.

Jun 18 09:16:39.972: vmx| DISKLIB-CHAIN :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The parent
of this virtual disk could not be opened).

Jun 18 09:16:39.972: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : closed.

Jun 18 09:16:39.973: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000002-delta.vmdk" : closed.

Jun 18 09:16:39.973: vmx| DISKLIB-LIB : Failed to open
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' with flags 0xa (The
parent of this virtual disk could not be opened).

Jun 18 09:16:39.976: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : open
successful (8) size = 3288438784, hd = 45120. Type 8

Jun 18 09:16:39.976: vmx| DISKLIB-DSCPTR: Opened [0]: "MFFVM2-000009-delta.vmdk" (0x8)

Jun 18 09:16:39.977: vmx| DISKLIB-LINK : Opened
'/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' (0x8): vmfsSparse,
104857600 sectors / 51200 Mb.

Jun 18 09:16:39.978: vmx| DISKLIB-LIB : Opened
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk" (flags 0x8).
883453C

Jun 18 09:16:39.981: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : open successful (10) size =
10620082176, hd = 12354. Type 8

Jun 18 09:16:39.981: vmx| DISKLIB-DSCPTR: Opened [0]: "MFFVM2-000002-delta.vmdk" (0xa)

Jun 18 09:16:39.981: vmx| DISKLIB-LINK : Opened 'MFFVM2-000002.vmdk' (0xa): vmfsSparse, 104857600 sectors
/ 51200 Mb.

Jun 18 09:16:39.982: vmx| DISKLIB-LINK :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The system
cannot find the file specified).

Jun 18 09:16:39.982: vmx| DISKLIB-CHAIN : "MFFVM2-000002.vmdk": Failed to open parent
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk": The system cannot find the
file specified.

Jun 18 09:16:39.982: vmx| DISKLIB-CHAIN :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2.vmdk" : failed to open (The parent of this virtual disk could not be opened).

Jun 18 09:16:39.983: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : closed.

Jun 18 09:16:39.983: vmx| DISKLIB-LIB : Failed to open 'MFFVM2-000002.vmdk' with flags 0xa (The parent of this virtual disk could not be opened).

Jun 18 09:16:39.986: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : open successful (8) size = 10620082176, hd = 12355. Type 8

Jun 18 09:16:39.986: vmx| DISKLIB-DSCPTR: Opened [0]: "MFFVM2-000002-delta.vmdk" (0x8)

Jun 18 09:16:39.986: vmx| DISKLIB-LINK : Opened 'MFFVM2-000002.vmdk' (0x8): vmfsSparse, 104857600 sectors / 51200 Mb.

Jun 18 09:16:39.987: vmx| DISKLIB-LIB : Opened "MFFVM2-000002.vmdk" (flags 0x8). 883409C

Jun 18 09:16:39.988: vmx| DISKLIB-LINK : "MFFVM2.vmdk" : failed to open (The system cannot find the file specified).

Jun 18 09:16:39.988: vmx| DISKLIB-CHAIN : "MFFVM2.vmdk" : failed to open (The system cannot find the file specified).

Jun 18 09:16:39.988: vmx| DISKLIB-LIB : Failed to open 'MFFVM2.vmdk' with flags 0xa (The system cannot find the file specified).

Jun 18 09:16:39.988: vmx| DISK: Cannot open disk 'MFFVM2.vmdk' : The system cannot find the file specified.

Jun 18 09:16:39.989: vmx| DISKLIB-VMFS : "/MFFVM2-000002-delta.vmdk" : closed.

Jun 18 09:16:39.989: vmx| DISK: Cannot open disk 'MFFVM2-000002.vmdk' : The system cannot find the file specified.

Jun 18 09:16:39.989: vmx| DISKLIB-VMFS :
"/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009-delta.vmdk" : closed.

Jun 18 09:16:39.989: vmx| Msg_Post: Error

Jun 18 09:16:39.989: vmx| [http://msg.disk.fileNotFound](#) VMware ESX Server cannot find the virtual disk "MFFVM2.vmdk". Please verify the path is valid and try again.

Jun 18 09:16:39.989: vmx| [http://msg.disk.noBackEnd](#) Cannot open the disk '/vmfs/volumes/4a390495-8c8a6053-8bd3-002219c36dbb/ENCECS00/MFFVM2-000009.vmdk' or one of the snapshot disks it depends on.

Jun 18 09:16:39.989: vmx| [http://msg.disk.configureDiskError](#) Reason: The system cannot find the file specified.-----

Jun 18 09:16:40.003: vmx| Module DiskEarly power on failed.

Jun 18 09:16:40.003: vmx| VMX_PowerOn: ModuleTable_PowerOn = 0

Jun 18 09:16:40.003: vmx| WORKER: asyncOps=0 maxActiveOps=0 maxPending=0 maxCompleted=0

Jun 18 09:16:41.139: vmx| vmdbPipe_Streams Couldn't read: OVL_STATUS_EOF

Jun 18 09:16:41.145: vmx| VMX idle exit

Jun 18 09:16:41.158: vmx| Flushing VMX VMDB connections

Jun 18 09:16:41.162: vmx| IPC_exit: disconnecting all threads

Jun 18 09:16:41.162: vmx| VMX exit (0).

Jun 18 09:16:41.162: vmx| AIOMGR-S : stat o=7 r=0 w=0 i=10 br=0 bw=0

Jun 18 09:16:41.162: vmx| VMX has left the building: 0.

=====

vmx log file:

```
#!/usr/bin/vmware
config.version = "8"
virtualHW.version = "4"
floppy0.present = "true"
nvram = "ENCECS00.nvram"
deploymentPlatform = "windows"
virtualHW.productCompatibility = "hosted"
tools.upgrade.policy = "manual"
powerType.powerOff = "default"
powerType.powerOn = "default"
powerType.suspend = "default"
powerType.reset = "default"

displayName = "ENCECS00"
extendedConfigFile = "ENCECS00.vmx"

numvcpus = "2"
scsi0.present = "true"
scsi0.sharedBus = "none"
scsi0.virtualDev = "lsilogic"
memsize = "8192"
scsi0:0.present = "true"
scsi0:0.fileName = "MFFVM2-000009.vmdk"
scsi0:0.deviceType = "scsi-hardDisk"
sched.scsi0:0.shares = "normal"
scsi0:1.present = "true"
scsi0:1.fileName = "MFFVM2_1-000009.vmdk"
scsi0:1.deviceType = "scsi-hardDisk"
sched.scsi0:1.shares = "normal"
scsi0:2.present = "true"
scsi0:2.fileName = "MFFVM2_2-000009.vmdk"
scsi0:2.deviceType = "scsi-hardDisk"
sched.scsi0:2.shares = "normal"
scsi0:3.present = "true"
scsi0:3.fileName = "MFFVM2_3-000005.vmdk"
scsi0:3.deviceType = "scsi-hardDisk"
sched.scsi0:3.shares = "normal"
```

```
scsi0:4.present = "true"
scsi0:4.fileName = "MFFVM2_4-000005.vmdk"
scsi0:4.deviceType = "scsi-hardDisk"
sched.scsi0:4.shares = "normal"
scsi0:5.present = "true"
scsi0:5.fileName = "MFFVM2_5-000005.vmdk"
scsi0:5.deviceType = "scsi-hardDisk"
sched.scsi0:5.shares = "normal"
scsi0:6.present = "true"
scsi0:6.fileName = "MFFVM2_7-000002.vmdk"
scsi0:6.deviceType = "scsi-hardDisk"
sched.scsi0:6.shares = "normal"
ide0:0.present = "true"
ide0:0.clientDevice = "true"
ide0:0.fileName = "/usr/lib/vmware/isoimages/windows.iso"
ide0:0.deviceType = "cdrom-raw"
ide0:0.startConnected = "false"
floppy0.startConnected = "false"
floppy0.fileName = "/dev/fd0"
floppy0.clientDevice = "true"
ethernet0.present = "true"
ethernet0.virtualDev = "e1000"
ethernet0.networkName = "Production"
ethernet0.addressType = "vpx"
ethernet0.generatedAddress = "00:50:56:b1:45:58"
guestOSAltName = "Microsoft Windows Server 2003, Enterprise Edition (64-bit)"
guestOS = "winnetenterprise-64"
annotation = "MFF Prototype Server"
uuid.bios = "50 31 cf 33 83 81 54 9e-84 8e be 7d 5c b9 38 ff"
log.fileName = "vmware.log"
snapshot.action = "keep"
sched.cpu.min = "0"
sched.cpu.max = "69564"
sched.cpu.units = "mhz"
sched.cpu.shares = "normal"
sched.mem.minsize = "0"
sched.mem.max = "8192"
sched.mem.shares = "normal"
```


Recovery tool For VMFS Volume - ...


Oct 17, 2008 3. **Re: Recovery tool For VMFS Volume - Urgent!!! Plz Help!** Jun 21, 2009 7:14 AM

Can you power the VM up on the original datastore still? If so, you can use the Clone feature in vCenter to clone the VM to the new datastore. That will consolidate the snapshot files into a new VMDK. Do the files still exist on the original datastore?



[ashxos](#) 23 posts since

Jan 3, 2007 4. **Re: Recovery tool For VMFS Volume - Urgent!!! Plz Help!** Jun 21, 2009 8:06 PM

 in response to: [VMmatty](#)

We are not able to see any flat disks in the Old VMFS volume. They are lost permanently.

The case is submitted to VMware for further investigation.

Thanks to all of you.

I hope ki this should not happen with anyone.

Request to all of you, DONT MIGRATE ANY VM FROM ONE HOST DATASTORE TO ANOTHER HOST DATASTORE!!!

::: [ashX:::](#)



[athlon_crazy](#) 524 posts since

Oct 28, 2007 5. **Re: Recovery tool For VMFS Volume - Urgent!!! Plz Help!** Jun 21, 2009 8:15 PM

 in response to: [ashxos](#) That's why I prefer "copy" rather than "migrate"

vcbMC-1.0.6 Beta

vcbMC-1.0.7 Lite

<http://www.no-x.org>