

RE: Directory Service cannot start

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Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file_system/2007-05/msg00006.html

- *From:* v-kzhao@xxxxxxxxxxxxxxxxxxxxxx ("Ken Zhao [MSFT]")
 - *Date:* Thu, 03 May 2007 07:18:06 GMT
-

Hi Bob,

The following links might be of your interest regarding the unable to boot due to corrupt Active Directory issue.

258062: "Directory Services cannot start" error message when you start your Windows-based or SBS-based domain controller
<http://support.microsoft.com/kb/258062/en-us>

240655: Err Msg: Security Accounts Manager Initialization Failed Because of the Following Error: Directory Service Cannot Start
<http://support.microsoft.com/kb/240655/en-us>

Thanks & Regards,

Ken Zhao

Microsoft Online Support
Microsoft Global Technical Support Center

Get Secure! – www.microsoft.com/security <<http://www.microsoft.com/security>>

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When responding to posts, please "Reply to Group" via your newsreader so that others may learn and benefit from your issue.

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| X-Tomcat-ID: 111466676
| References: <A33942AD-4920-4BA0-B33F-FA0C9552719A@xxxxxxxxxxxxxx>
<NOOZilwhHHA.6068@xxxxxxxxxxxxxxxxxxxxxx>
<B8210DF5-AAC3-4F91-9F47-C93A7DA50AB9@xxxxxxxxxxxxxx>
| MIME-Version: 1.0
| Content-Type: text/plain

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| Content-Transfer-Encoding: 7bit
| From: v-kzhao@xxxxxxxxxxxxxxxxxxxxxx ("Ken Zhao [MSFT])
| Organization: Microsoft
| Date: Thu, 26 Apr 2007 07:11:38 GMT
| Subject: RE: Directory Service cannot start
| X-Tomcat-NG: microsoft.public.windows.file_system
| Message-ID: <jf7TnI9hHHA.2164@xxxxxxxxxxxxxxxxxxxxxx>
| Newsgroups: microsoft.public.windows.file_system
| Lines: 115
| Path: TK2MSFTNGHUB02.phx.gbl
| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.file_system:819
| NNTP-Posting-Host: tomcatimport2.phx.gbl 10.201.218.182

| Hi Bob,

| I have seen these errors. I will research the issue.

| Thanks & Regards,

| Ken Zhao

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rights.

|-----|
| Thread-Topic: Directory Service cannot start
| thread-index: AceHQtx+COKSL613QNKYxGvGjY4mMQ==
| X-WBNR-Posting-Host: 207.46.19.197
| From: =?Utf-8?B?Qm9i?= <86c6c2e6-2146512712@xxxxxxxxxxxxxxxx>
| References: <A33942AD-4920-4BA0-B33F-FA0C9552719A@xxxxxxxxxxxxxxxx>
<NOOZlwhHHA.6068@xxxxxxxxxxxxxxxxxxxxxx>
| Subject: RE: Directory Service cannot start
| Date: Wed, 25 Apr 2007 07:06:04 -0700
| Lines: 78
| Message-ID: <B8210DF5-AAC3-4F91-9F47-C93A7DA50AB9@xxxxxxxxxxxxxxxx>
| MIME-Version: 1.0
| Content-Type: text/plain;
| charset="Utf-8"

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Content-Transfer-Encoding: 7bit
X-Newsreader: Microsoft CDO for Windows 2000
Content-Class: urn:content-classes:message
Importance: normal
Priority: normal
X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.2826
Newsgroups: microsoft.public.windows.file_system
Path: TK2MSFTNGHUB02.phx.gbl
Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.file_system:816
NNTP-Posting-Host: tk2msftsbfm01.phx.gbl 10.40.244.148
X-Tomcat-NG: microsoft.public.windows.file_system

Hi Ken,
Below are three of my errors. They are pasted in ascending order (first error listed first).

The text suggest restoring the "E:\WINDOWS\NTDS\edb.log" file.
Can I restore just this one file without having to restore the entire system state?
Isn't this edb.log file part of the system state and shouldn't it be restored as such?

In either case, I haven't a backup so I guess I could dcpromo demote the DC and then promote it back again?

Or is it possible just to delete the log file as it is only necessary to rollback the ntds.dit AD database right?

Thanks.

=====
Event Type: Error
Event Source: NTDS ISAM
Event Category: Logging/Recovery
Event ID: 477
Date: 4/25/2007
Time: 8:50:45 AM
User: N/A
Computer: RC-SERVER-4
Description:
NTDS (532) NTDSA: The log range read from the file "E:\WINDOWS\NTDS\edb.log" at offset 9272832 (0x00000000008d7e00) for 512 (0x00000200) bytes failed
verification due to a range checksum mismatch. The read operation will fail
with error -501 (0xfffffe0b). If this condition persists then please

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| restore
| | the logfile from a previous backup.
| |
| | For more information, see Help and Support Center at
| | <http://go.microsoft.com/fwlink/events.asp>.
| |
| | =====
| |
| | Event Type: Error
| | Event Source: NTDS ISAM
| | Event Category: Logging/Recovery
| | Event ID: 465
| | Date: 4/25/2007
| | Time: 8:50:45 AM
| | User: N/A
| | Computer: RC-SERVER-4
| | Description:
| | NTDS (532) NTDSA: Corruption was detected during soft recovery in
logfile
| | E:\WINDOWS\NTDS\edb.log. The failing checksum record is located at
| | position
| | 18111:191. Data not matching the log-file fill pattern first appeared
in
| | sector 18112. This logfile has been damaged and is unusable.
| |
| | For more information, see Help and Support Center at
| | <http://go.microsoft.com/fwlink/events.asp>.
| |
| | =====
| |
| | Event Type: Error
| | Event Source: NTDS ISAM
| | Event Category: Logging/Recovery
| | Event ID: 465
| | Date: 4/25/2007
| | Time: 8:50:46 AM
| | User: N/A
| | Computer: RC-SERVER-4
| | Description:
| | NTDS (532) NTDSA: Corruption was detected during soft recovery in
logfile
| | E:\WINDOWS\NTDS\edb.log. The failing checksum record is located at
| | position
| | END. Data not matching the log-file fill pattern first appeared in
sector
| | 18112 (0x000046C0). This logfile has been damaged and is unusable.
| |
| | For more information, see Help and Support Center at
| | <http://go.microsoft.com/fwlink/events.asp>.
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|| Bob
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