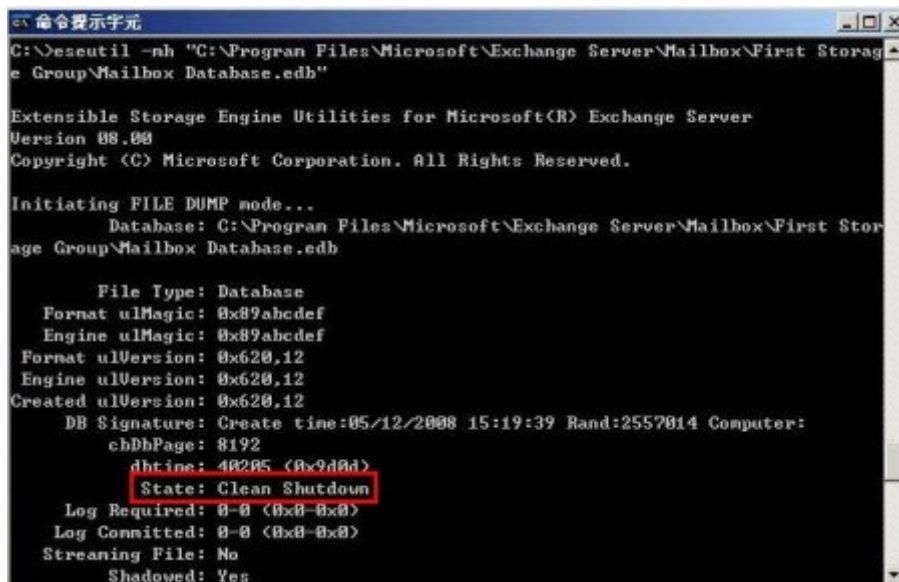


如何修復 Exchange 2007 Mailbox 的 Database

1. 首先，先檢查資料庫的狀態，在” 命令提示字元” 模式下輸入

語法：`eseutil -mh "C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb"`



```
命令提示字元
C:\>eseutil -mh "C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb"

Extensible Storage Engine Utilities for Microsoft(R) Exchange Server
Version 08.00
Copyright (C) Microsoft Corporation. All Rights Reserved.

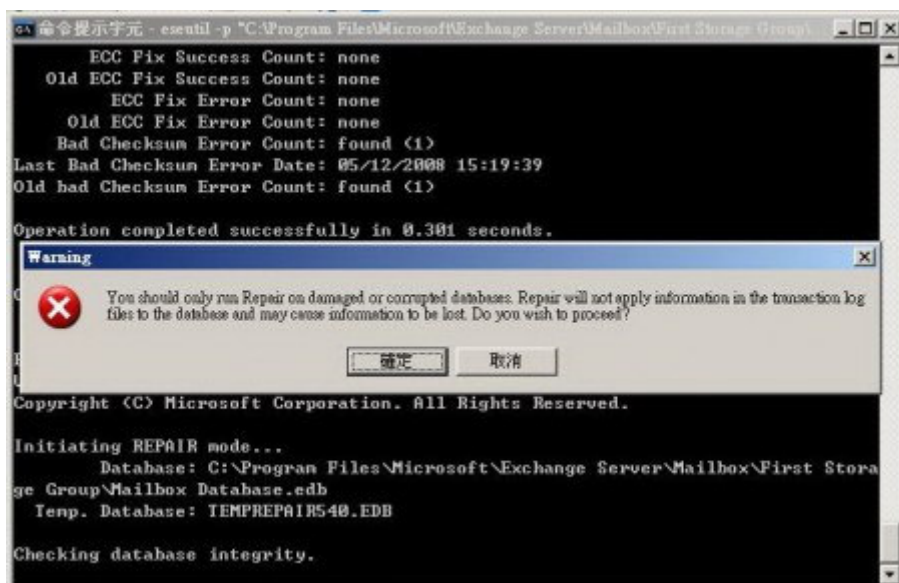
Initiating FILE DUMP mode...
Database: C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb

File Type: Database
Format ulMagic: 0x89abcdef
Engine ulMagic: 0x89abcdef
Format ulVersion: 0x620,12
Engine ulVersion: 0x620,12
Created ulVersion: 0x620,12
DB Signature: Create time:05/12/2008 15:19:39 Rand:2557014 Computer:
chDbPage: 8192
dhtime: 40205 (0x9d0d)
State: Clean Shutdown
Log Required: 0-0 (0x0-0x0)
Log Committed: 0-0 (0x0-0x0)
Streaming File: No
Shadowed: Yes
```

狀態是 Clean Shutdown

2. 修復資料庫

語法：`eseutil -p "C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb"`



```
命令提示字元 - eseutil -p "C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb"

ECC Fix Success Count: none
Old ECC Fix Success Count: none
ECC Fix Error Count: none
Old ECC Fix Error Count: none
Bad Checksum Error Count: found (1)
Last Bad Checksum Error Date: 05/12/2008 15:19:39
Old bad Checksum Error Count: found (1)

Operation completed successfully in 0.301 seconds.

Warning
You should only run Repair on damaged or corrupted databases. Repair will not apply information in the transaction log files to the database and may cause information to be lost. Do you wish to proceed?
[確定] [取消]

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Initiating REPAIR mode...
Database: C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb
Temp. Database: TEMPREPAIR540.EDB

Checking database integrity.
```

請按[確定]

```
命令提示字元
Database: C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb
Temp. Database: TEMPREPAIR540.EDB

Checking database integrity.

Scanning Status (% complete)

0 10 20 30 40 50 60 70 80 90 100
|---|---|---|---|---|---|---|---|---|---|
.....

Integrity check successful.

Note:
It is recommended that you immediately perform a full backup
of this database. If you restore a backup made before the
repair, the database will be rolled back to the state
it was in at the time of that backup.

Operation completed successfully in 204.83 seconds.

C:\>
```

3.資料庫壓縮

語法：`eseutil -d "C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb"`

```
命令提示字元
Initiating DEFRAGMENTATION mode...
Database: C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb
Temp. Database: TEMPDFRG5352.EDB

Defragmentation Status (% complete)

0 10 20 30 40 50 60 70 80 90 100
|---|---|---|---|---|---|---|---|---|---|
.....

Moving 'TEMPDFRG5352.EDB' to 'C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb'... DONE!

Note:
It is recommended that you immediately perform a full backup
of this database. If you restore a backup made before the
defragmentation, the database will be rolled back to the state
it was in at the time of that backup.

Operation completed successfully in 4.787 seconds.

C:\>
```

4.最後使用 ISINTEG

ISINTEG 說明:

Isinteg.exe 會在應用程式層級上尋找及刪去公用資料夾和信箱資料庫中的錯誤。

Isinteg.exe 並不適用於日常資訊儲存的維護；這只用在嚴重損壞修復作業。

因為 Isinteg 工具執行於邏輯架構上，所以它能夠修復 Eseutil 工具所無法修復的資料。

它會在從離線備份還原之後修補資訊儲存庫，也會測試及選擇性地修正資訊儲存庫中的錯誤。

語法：ISINTEG -s ServerName -fix -test alltests

選擇你要修復的 Storage 後按 y [確定]

```
命令提示字元 - ISINTEG -s srv-exchange -fix -test alltests
Moving 'TEMPDFRG5352.EDB' to 'C:\Program Files\Microsoft\Exchange Server\Mailbox\First Storage Group\Mailbox Database.edb'... DONE!

Note:
It is recommended that you immediately perform a full backup
of this database. If you restore a backup made before the
defragmentation, the database will be rolled back to the state
it was in at the time of that backup.

Operation completed successfully in 4.787 seconds.

C:\>ISINTEG -s srv-exchange -fix -test alltests
Databases for server srv-exchange:
Only databases marked as Offline can be checked

Index  Status      Database-Name
Storage Group Name: First Storage Group
1      Offline     Mailbox Database
Storage Group Name: Second Storage Group
2      Online      Public Folder Database
Enter a number to select a database or press Return to exit.
1
You have selected First Storage Group / Mailbox Database.
Continue?(Y/N)y
```

修復完成的狀態如下：

```
命令提示字元
Test Folder result: 0 error(s); 0 warning(s); 0 fix(es); 130 row(s); time: 0h:0m:0s
Test Deleted Messages result: 0 error(s); 0 warning(s); 0 fix(es); 0 row(s); time: 0h:0m:0s
Test Message result: 0 error(s); 0 warning(s); 0 fix(es); 441 row(s); time: 0h:0m:0s
Test Attachment result: 0 error(s); 0 warning(s); 0 fix(es); 481 row(s); time: 0h:0m:0s
Test Mailbox result: 0 error(s); 0 warning(s); 0 fix(es); 6 row(s); time: 0h:0m:0s
Test Sites result: 0 error(s); 0 warning(s); 0 fix(es); 25 row(s); time: 0h:0m:0s
Test Categories result: 0 error(s); 0 warning(s); 0 fix(es); 0 row(s); time: 0h:0m:0s
Test Per-User Read result: 0 error(s); 0 warning(s); 0 fix(es); 0 row(s); time: 0h:0m:0s
Test special folders result: 0 error(s); 0 warning(s); 0 fix(es); 0 row(s); time: 0h:0m:0s
Test Message Tombstone result: 0 error(s); 0 warning(s); 0 fix(es); 34 row(s); time: 0h:0m:0s
Test Folder Tombstone result: 0 error(s); 0 warning(s); 0 fix(es); 0 row(s); time: 0h:0m:0s
Now in test 28(reference count verification) of total 28 tests; 100% complete.
C:\>
```