

## 某局点关于iMC DBman备份恢复失败的经验案例

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### 组网及说明

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### 问题描述

某局点由于业务需求需要重装iMC，预先通过DBman将数据备份后拷入SSD，后续重装完成后恢复数据失败

查看iMC的版本：plat E0703

### 过程分析

#### 1.查看备份恢复的版本和数据库

版本一致，数据库版本一致（版本高于原先版本也可以）

#### 2.查看发现数据文件在桌面，恢复路径有中文，要求现场工程师将版本路径移至C盘目录

#### 3.收集iMC/dbman/log 文件夹下两个日志

dbman.log :

```
2020-06-17 19:36:53 [LOG] [ManualRestoreBase] Begin to manual restore databases. manualType: 0
```

```
2020-06-17 19:38:54 [LOG] [ManualRestoreBase] Failed to manual restore databases.
```

dbman\_debug.log:

```
2020-06-17 19:38:54 [DEBUG] [WriteFile] Write file D:\Program Files\iMC\dbman\bin\dbop.sql.
```

```
2020-06-17 19:38:54 [DEBUG] [CdbRestore::ExecRestoreSql] Exec command: osql -b -
```

```
S127.0.0.1,1433 -dmaster -U"sa" -P"iMC-Install2008" -n -o"D:\Program
```

```
Files\iMC\dbman\bin\dbop.sql.log" -i"D:\Program Files\iMC\dbman\bin\dbop.sql"
```

```
2020-06-17 19:38:54 [INFO] [runCommand] runCommand result FAIL. ret=1, errno=2,
```

```
WIFEXITED(ret)=1, WEXITSTATUS(ret)=1
```

```
2020-06-17 19:38:54 [ERROR] [CdbRestore::ExecRestoreSql] Exec command fail
```

```
2020-06-17 19:38:54 [ERROR] [int ReadFile()] Read file D:\Program
```

```
Files\iMC\dbman\bin\dbop.sql.log fail. //对文件读取失败
```

```
2020-06-17 19:38:54 [DEBUG] [CdbRestore::ExecRestoreSql] Exec sql log:
```

```
2020-06-17 19:38:54 [INFO] [Remove] Fail to remove file: D:\Program
```

```
Files\iMC\dbman\bin\dbop.sql.log
```

```
2020-06-17 19:38:54 [DEBUG] [Remove] Remove file: D:\Program Files\iMC\dbman\bin\dbop.sql
```

```
2020-06-17 19:38:54 [ERROR] [CdbRestore::RestoreOneLocalDBase] Fail to restore `C:\slave\127.0.
```

```
.0.1@config_db_imc_config_db_20200617_140945_full.db".
```

```
2020-06-17 19:38:54 [ERROR] [CdbRestore::RestoreDatabaseList] Fail to restore DB file in Restore
```

```
OneDBase Function 127.0.0.1@config\_db\_imc\_config\_db\_20200617\_140945\_full.db
```

```
2020-06-17 19:38:54 [INFO] [ManualRestoreBase] req asn msg:{ -- SEQUENCE --
```

```
iErrCode "f6"H --
```

```
,
```

```
iContent "636f6e6669675f64623b3132372e302e302e31"H -- "config_db;127.0.0.1" --
```

```
}
```

```
2020-06-17 19:38:54 [INFO] [sendTrapAlert] Send trap success
```

```
2020-06-17 19:38:54 [ERROR] [ManualRestoreBase] Failed to manual restore databases. ManualTy
```

```
pe: 0
```

```
2020-06-17 19:38:54 [ERROR] [response_err_code] errCode = -10
```

```
2020-06-17 19:38:54 [INFO] [ManualRestoreBase] Begin start service.
```

```
2020-06-17 19:39:30 [INFO] [ManualRestoreBase] End start service.
```

目前可以确定是恢复时读取问题

### 解决方法

windows系统杀掉后台DBman进程，然后以管理员身份运行即可。

另外如果有杀毒软件建议卸载杀毒软件进行测试

解释：

Windows环境经常遇到，应该就是dbman进程启动的时候没有获取写文件的权限

正常启动时会去校验读写，较小概率会出现读写未校验的情况致使后续不能进行读操作

