

备份的控制文件和新的数据文件 PDF转换可能丢失图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/143/2021\\_2022\\_\\_E5\\_A4\\_87\\_E4\\_BB\\_BD\\_E7\\_9A\\_84\\_E6\\_c102\\_143600.htm](https://www.100test.com/kao_ti2020/143/2021_2022__E5_A4_87_E4_BB_BD_E7_9A_84_E6_c102_143600.htm) 我们可以想象，如果控制文件是从备份中恢复的，那么数据库在open过程中又将如何呢?首先备份控制文件，打开数据库，增进检查点:

```
[oracle@jumper eygle]$ cp control01.ctl
```

```
control01.ctl.bak[oracle@jumper eygle]$ sqlplus "/ as
```

```
sysdba"SQL*Plus: Release 9.2.0.4.0 - Production on Fri Aug 11  
10:46:05 2006Copyright (c) 1982, 2002, Oracle Corporation. All  
rights reserved.Connected to an idle instance.SQL>
```

```
startupORACLE instance started.Total System Global Area  
139531744 bytesFixed Size 452064 bytesVariable Size 121634816  
bytesDatabase Buffers 16777216 bytesRedo Buffers 667648
```

```
bytesDatabase mounted.Database opened.SQL> alter system  
checkpoint.System altered.SQL> shutdown immediate.Database  
closed.Database dismounted.ORACLE instance shut down.SQL>
```

```
exitDisconnected from Oracle9i Enterprise Edition Release 9.2.0.4.0  
- ProductionWith the Partitioning optionJServer Release 9.2.0.4.0 -  
Production然后恢复旧的控制文件，mount数据库，转储数据
```

```
文件头:[oracle@jumper eygle]$ mv control01.ctl
```

```
control01.ctl.n[oracle@jumper eygle]$ mv control01.ctl.bak
```

```
control01.ctl [oracle@jumper eygle]$ sqlplus "/ as sysdba"SQL*Plus:  
Release 9.2.0.4.0 - Production on Fri Aug 11 10:46:50 2006Copyright  
(c) 1982, 2002, Oracle Corporation. All rights reserved.Connected  
to an idle instance.SQL> startup mount.ORACLE instance
```

started.Total System Global Area 139531744 bytesFixed Size 452064 bytesVariable Size 121634816 bytesDatabase Buffers 16777216 bytesRedo Buffers 667648 bytesDatabase mounted.SQL> alter session set events immediate trace name file\_hdrs level 10.Session altered.SQL> !我们看控制文件的信息 ( 选择一个文件 ) :DATA FILE #4: (name #4)  
/opt/oracle/oradata/eygle/eygle01.dbfcreation size=0 block size=8192 status=0xe head=4 tail=4 dup=1 tablespace 4, index=4 krfil=4 prev\_file=0 unrecoverable scn: 0x0000.00000000 01/01/1988 00:00:00 Checkpoint cnt:61 scn: 0x0000.002acb1e 08/11/2006 10:44:38 Stop scn: 0x0000.002acb1e 08/11/2006 10:44:38 Creation Checkpointed at scn: 0x0000.0015078d 06/06/2006 09:41:54再看数据文件头信息: FILE HEADER: Software vsn=153092096=0x9200000, Compatibility Vsn=134217728=0x8000000 Db ID=1407686520=0x53e79778, Db Name=EYGLE Activation ID=0=0x0 Control Seq=989=0x3dd, File size=1280=0x500 File Number=4, Blksiz=8192, File Type=3  
DATA Tablespace #4 - EYGLE rel\_fn:4 Creation at scn: 0x0000.0015078d 06/06/2006 09:41:54Backup taken at scn: 0x0000.00000000 01/01/1988 00:00:00 thread:0 reset logs count:0x232bee1f scn: 0x0000.0007c781 recovered at 08/11/2006 10:11:26 status:0x0 root dba:0x00000000 chkpt cnt: 64 ctl cnt:63begin-hot-backup file size: 0Checkpointed at scn: 0x0000.002acb98 08/11/2006 10:46:24我们注意到数据文件的chkpt cnt: 64 要大约控制文件的Checkpoint cnt:61 , 也就是说控制文件是旧的。此时尝试打开数据库就会出现如下错

```
误:[oracle@jumper udump]$ sqlplus "/ as sysdba"SQL*Plus: Release
9.2.0.4.0 - Production on Fri Aug 11 10:51:20 2006Copyright (c)
1982, 2002, Oracle Corporation. All rights reserved.Connected
to:Oracle9i Enterprise Edition Release 9.2.0.4.0 - ProductionWith
the Partitioning optionJServer Release 9.2.0.4.0 - ProductionSQL>
alter database open.alter database open*ERROR at line
1:ORA-01122: database file 1 failed verification checkORA-01110:
data file 1: /opt/oracle/oradata/eygle/system01.dbfORA-01207: file is
more recent than controlfile - old controlfileOracle告诉我们，控
制文件是旧的。此时我们可以通过重建控制文件或者从旧的
数据备份开始恢复。 100Test 下载频道开通，各类考试题目直
接下载。详细请访问 www.100test.com
```