

Oracle调优与深入之04031处理过程 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/273/2021_2022_Oracle_E8_B0_83_E4_c102_273454.htm 一、 错误提示： > EXP-00008:

ORACLE error 4031 encountered > ORA-04031: unable to allocate 4096 bytes of shared memory ("shared pool","BEGIN :EXEC_STR := SYS.DBMS..." ,"PL/SQL MPCODE" ,"BAMIMA: Bam Buffe

二、 错误原因： 共享内存太小，存在一定碎片，没有有效的利用保留区，造成无法分配合适的共享区。 三、 解决步骤： 1.查看当前环境

```
SQL> show sga Total System Global Area 566812832 bytes Fixed Size 73888 bytes Variable Size 28811264 bytes Database Buffers 536870912 bytes Redo Buffers 1056768 bytes show parameter shared_pool NAME TYPE VALUE
```

```
-----  
shared_pool_reserved_size string 1048576 shared_pool_size string 20971520
```

```
SQL> 0select sum(free_space) from v$shared_pool_reserved. SUM(FREE_SPACE) -----
```

```
1048576 我们可以看到没有合理利用保留区 SQL> SELECT SUM(RELOADS)/SUM(PINS) FROM V$LIBRARYCACHE.
```

```
SUM(RELOADS)/SUM(PINS) ----- .008098188
```

```
不算太严重 SQL> SELECT round((B.Value/A.Value)*100,1)
```

```
hardpaseperc FROM V$SYSSTAT A, V$SYSSTAT B WHERE
```

```
A.Statistic# = 171 AND B.Statistic# = 172 AND ROWNUM = 1.
```

```
hardpaseperc ----- 26.5 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
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