

Oracle10g的current_scn是如何计算的? PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/269/2021_2022_Oracle10g_E7_c67_269818.htm Oracle10g的current_scn是如何计算的? 我们知道Oracle10g在v\$database视图中引入了current_scn，这个SCN来自底层表，代表当前的SCN，在Oracle9i中我们可以通过dbms_flashback.get_system_change_number来获得系统的SCN。但是注意current_scn还是有所不同的，我们看一下一个查询：

```
[oracle@danaly ~]$ sqlplus / as sysdba SQL*Plus: Release
10.2.0.1.0 - Production on Thu Jun 21 10:15:08 2007 Copyright (c)
1982, 2005, Oracle. All rights reserved. Connected to: Oracle
Database 10g Enterprise Edition Release 10.2.0.1.0 - Production With
the Partitioning, Oracle Label Security, OLAP and Data Mining
Scoring Engine options SQL> @scn SQL> col current_scn for
9999999999999999999 SQL> 0select current_scn from
v$database.CURRENT_SCN-----8910961765228 SQL>
0select dbms_flashback.get_system_change_number current_scn
from dual.CURRENT_SCN-----8910961765228 SQL>
0select dbms_flashback.get_system_change_number current_scn
from dual.CURRENT_SCN-----8910961765228 SQL>
0select current_scn from
v$database.CURRENT_SCN-----8910961765229 SQL>
0select dbms_flashback.get_system_change_number current_scn
from dual.CURRENT_SCN-----8910961765229 SQL>
0select dbms_flashback.get_system_change_number current_scn
from dual.CURRENT_SCN-----8910961765229 SQL>
```

```
0select current_scn from
```

```
v$database.CURRENT_SCN-----8910961765230
```

我们看到current_scn的查询会直接导致SCN的增进，而其他方式并不会。也就是说在这里的current_scn就像是一个Sequence一样，查询会导致增进。这也很好理解，v\$database只能通过增进当前的SCN才能保证获得的SCN是Current的。可是如果不查询呢？这个值肯定是不增长的。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