oracle 杀死死锁进程

参考： http://blog.csdn.net/maoyeqiu/article/details/51535941

对于非RAC的单节点数据库，查看死锁进程：

```
select sess.sid,
    sess.serial#,
    lo.oracle_username,
    lo.os_user_name,
    ao.object_name,
    lo.locked_mode,
        SESS.machine
    from v$locked_object lo,
    dba_objects ao,
    v$session sess
where ao.object_id = lo.object_id and lo.session_id = sess.sid;
```

杀死死锁进程：

```
alter system kill session 'sid,serial#';
```

对于RAC多结点数据库，查看死锁进程：

```
SELECT /*+ rule */
 s.inst_id,
 s.username,
 DECODE(l.type, 'TM', 'TABLE LOCK', 'TX', 'ROW LOCK', NULL) lock_level,
 o.owner,
 o.object_name,
 o.object_type,
 s.sid,
 s.serial#,
 s.terminal,
 s.machine,
 s.program,
 s.osuser
FROM   gv$session s, gv$lock l, dba_objects o
WHERE  l.sid = s.sid
AND    l.id1 = o.object_id(+)
AND    l.inst_id = s.inst_id
AND    s.username IS NOT NULL
AND    o.object_type = 'TABLE'
AND    s.username <> 'SYS'
ORDER  BY s.inst_id, s.username;


SELECT s.inst_id, spid, osuser, s.program
FROM   gv$session s, gv$process p
WHERE  s.paddr = p.addr
AND    s.sid = 1156;
```

记一次错杀进程：

impdp时报错：

ORA-31693: Table data object "CEN_CORE_V20"."TB_LIS_INDICATORS":"M201503" failed to load/unload and is being skipped due to error:

ORA-02049: timeout: distributed transaction waiting for lock

ORA-31693: Table data object "CEN_CORE_V20"."TB_LIS_INDICATORS":"M201607" failed to load/unload and is being skipped due to error:

ORA-02049: timeout: distributed transaction waiting for lock

ORA-31693: Table data object "CEN_CORE_V20"."TB_LIS_INDICATORS":"M201604" failed to load/unload and is being skipped due to

error:

ORA-02049: timeout: distributed transaction waiting for lock

于是根据上面的方法找到死锁进程：

```
SQL> select sess.sid,
  2         sess.serial#,
  3         lo.oracle_username,
  4         lo.os_user_name,
  5         ao.object_name,
  6         lo.locked_mode,
  7            SESS.machine
  8     from v$locked_object lo,
  9     dba_objects ao,
 10         v$session sess
 11   where ao.object_id = lo.object_id and lo.session_id = sess.sid;


       SID    SERIAL# ORACLE_USERNAME
---------- ---------- ------------------------------------------------------------------------------------------
OS_USER_NAME
--------------------------------------------------------------------------------
OBJECT_NAME
--------------------------------------------------------------------------------------------------------------------
------------------------------------------------------------------------
LOCKED_MODE
----------
MACHINE
--------------------------------------------------------------------------------------------------------------------
------------------------------------------------------------

      1463       5695 SYS
oracle
TB_LIS_INDICATORS
         0
rac01
SQL> select sql_text from v$session a,v$sqltext_with_newlines b where DECODE(a.sql_hash_value, 0, prev_hash_value,
sql_hash_value)=b.hash_value and a.sid=&sid order by piece;
Enter value for sid: 1463
old   1: select sql_text from v$session a,v$sqltext_with_newlines b where DECODE(a.sql_hash_value, 0, prev_hash_value,
sql_hash_value)=b.hash_value and a.sid=&sid order by piece
new   1: select sql_text from v$session a,v$sqltext_with_newlines b where DECODE(a.sql_hash_value, 0, prev_hash_value,
sql_hash_value)=b.hash_value and a.sid=1463 order by piece
SQL_TEXT
--------------------------------------------------------------------------------------------------------------------
------------------------------------------------------------
BEGIN :1 := sys.kupc$que_int.transceive_int(:2, :3, :4, :5, :6);
 END;
SQL> alter system kill session '1463,5695';
System altered.
SQL>
```

然后再查死锁进程：

```
SQL> select sess.sid,
  2         sess.serial#,
  3         lo.oracle_username,
  4         lo.os_user_name,
  5         ao.object_name,
  6         lo.locked_mode,
  7            SESS.machine
  8     from v$locked_object lo,
  9     dba_objects ao,
 10         v$session sess
```

```
 11  where ao.object_id = lo.object_id and lo.session_id = sess.sid;    ^H^H^H
 12
SQL>
SQL> select sess.sid,
  2       sess.serial#,
  3       lo.oracle_username,
  4       lo.os_user_name,
  5       ao.object_name,
  6       lo.locked_mode,
  7          SESS.machine
  8       from v$locked_object lo,
  9       dba_objects ao,
 10       v$session sess
 11  where ao.object_id = lo.object_id and lo.session_id = sess.sid;


       SID     SERIAL# ORACLE_USERNAME
---------- ---------- --------------------------------------------------------------------------------

OS_USER_NAME
-------------------------------------------------------------------------------

OBJECT_NAME
----------------------------------------------------------------------------------------------------------------------------------------
----------------------------------------------------------------------

LOCKED_MODE
-----------

MACHINE
----------------------------------------------------------------------------------------------------------------------------------------
----------------------------------------------------------------

      1415       11689 SYS
oracle
TB_LIS_INDICATORS
         0
rac01
SQL> select sql_text from v$session a,v$sqltext_with_newlines b where DECODE(a.sql_hash_value, 0, prev_hash_value,
sql_hash_value)=b.hash_value and a.sid=&sid order by piece;
Enter value for sid: 1415
old   1: select sql_text from v$session a,v$sqltext_with_newlines b where DECODE(a.sql_hash_value, 0, prev_hash_value,
sql_hash_value)=b.hash_value and a.sid=&sid order by piece
new   1: select sql_text from v$session a,v$sqltext_with_newlines b where DECODE(a.sql_hash_value, 0, prev_hash_value,
sql_hash_value)=b.hash_value and a.sid=1415 order by piece
SQL_TEXT
----------------------------------------------------------------------------------------------------------------------------------------
----------------------------------------------------------------
INSERT /*+   APPEND   NESTED_TABLE_SET_REFS */ INTO
  "CEN_CORE_
V20"."TB_LIS_INDICATORS" ("JYZBLSH", "YLJGDM", "BGDH", "BGRQ", "
JCRGH", "JCRXM", "SHRGH", "SHRXM", "YBSFDM", "YBSFDMYB", "JCZBDM
", "JCFF", "JCZBMC", "JCZBJG", "LOINC", "SBBM", "YQBH", "YQMC",
"CKZ", "JLDW", "YCTS", "YZID", "DYXH", "XGBZ", "YLYL1", "YLYL2",
 "WAR_FLAG", "WAR_NOTE", "JLGXSJ", "POSID", "LLBZ", "SED_BZ", "C
HK_FLAG")
  SELECT /*+ NESTED_TABLE_GET_REFS */
  "JYZBLSH", "Y
LJGDM", "BGDH", "BGRQ", "JCRGH", "JCRXM", "SHRGH", "SHRXM", "YBS
FDM", "YBSFDMYB", "JCZBDM", "JCFF", "JCZBMC", "JCZBJG", "LOINC",
 "SBBM", "YQBH", "YQMC", "CKZ", "JLDW", "YCTS", "YZID", "DYXH",
"XGBZ", "YLYL1", "YLYL2", "WAR_FLAG", "WAR_NOTE", "JLGXSJ", "POS
ID", "LLBZ", "SED_BZ", "CHK_FLAG" FROM "CEN_CORE_V20"."TB_LIS_IN
DICATORS"@data_migration KU$
```

```
    WHERE  tbl$or$idx$part$num("CEN_
CORE_V20"."TB_LIS_INDICATORS"@data_migration,0,3,0,KU$.ROWID)=13
35943
```

15 rows selected.

SQL>

发现这个才是我本打算要杀死的进程！

这是再看impdp日志 ：

ORA-39014: One or more workers have prematurely exited.

ORA-39029: worker 7 with process name "DW0R" prematurely terminated

ORA-31671: Worker process DW0R had an unhandled exception.

ORA-00028: your session has been killed

ORA-00028: your session has been killed

ORA-06512: at "SYS.DBMS_AQ", line 675

ORA-06512: at "SYS.KUPC$QUE_INT", line 561

ORA-06512: at "SYS.KUPC$QUE_INT", line 798

ORA-06512: at "SYS.KUPC$QUE_INT", line 2032

ORA-06512: at line 1

ORA-06512: at "SYS.KUPC$QUEUE_INT", line 778

ORA-06512: at "SYS.KUPC$QUEUE", line 56

ORA-06512: at "SYS.KUPW$WORKER", line 10298

ORA-06512: at "SYS.KUPW$WORKER", line 1824

ORA-06512: at line 2

呵呵，impdp中的一个进程被杀掉了。。。报错