

报错03

1. RMAN-06445

```
[oracle@edbjr2p1 ~]$ p1
[oracle@edbjr2p1 ~]$ rman target /
Recovery Manager: Release 11.2.0.3.0 - Production on Mon Apr 3 22:37:52 2017
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connected to target database: PROD1 (DBID=2082231315)

RMAN> show all;
using target database control file instead of recovery catalog
RMAN configuration parameters for database with db_unique_name PROD1 are:
CONFIGURE RETENTION POLICY TO REDUNDANCY 1; # default
CONFIGURE BACKUP OPTIMIZATION ON;
CONFIGURE DEFAULT DEVICE TYPE TO DISK; # default
CONFIGURE CONTROLFILE AUTOBACKUP ON;
CONFIGURE CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK TO '%F'; # default
CONFIGURE DEVICE TYPE DISK PARALLELISM 2 BACKUP TYPE TO BACKUPSET;
CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default
CONFIGURE ARCHIVELOG BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default
CONFIGURE MAXSETSIZE TO UNLIMITED; # default
CONFIGURE ENCRYPTION FOR DATABASE OFF; # default
CONFIGURE ENCRYPTION ALGORITHM 'AES128'; # default
CONFIGURE COMPRESSION ALGORITHM 'BASIC' AS OF RELEASE 'DEFAULT' OPTIMIZE FOR LOAD TRUE ; # default
CONFIGURE ARCHIVELOG DELETION POLICY TO NONE; # default
CONFIGURE SNAPSHOT CONTROLFILE NAME TO '/u01/app/oracle/product/11.2.0/dbhome_1/dbs/snapcf_PROD1.f'; # default
RMAN> backup tag 'Q107' format '/home/oracle/files/full_prod1.%U' database plus archivelog keep forever;
Starting backup at 03-APR-17
current log archived
allocated channel: ORA_DISK_1
channel ORA_DISK_1: SID=19 device type=DISK
allocated channel: ORA_DISK_2
channel ORA_DISK_2: SID=177 device type=DISK

RMAN-00571: =====
RMAN-00569: ===== ERROR MESSAGE STACK FOLLOWS =====
RMAN-00571: =====

RMAN-03002: failure of backup plus archivelog command at 04/03/2017 22:42:08
RMAN-06522: KEEP FOREVER option is not supported without the recovery catalog
RMAN> connect catalog rc_admin/RC_ADMIN@prod4
RMAN-00571: =====
RMAN-00569: ===== ERROR MESSAGE STACK FOLLOWS =====
RMAN-00571: =====

RMAN-06445: cannot connect to recovery catalog after NOCATALOG has been used
RMAN>
[oracle@edbjr2p1 ~]$ oerr rman 6445
6445, 1, "cannot connect to recovery catalog after NOCATALOG has been used"
// *Cause: The CONNECT CATALOG command was used after the user had already
// specified the NOCATALOG option.
// *Action: Re-start rman if you wish to use a recovery catalog.
[oracle@edbjr2p1 ~]$
```

2. 闪回表报错 ORA-08187

```
HR@prod1> flashback table departments as of scn 1150984;
flashback table departments as of scn 1150984

*

ERROR at line 1:
ORA-08187: snapshot expression not allowed here
HR@prod1> flashback table departments to scn 1150984;
```

Flashback complete.
HR@prod1>
HR@prod1> flashback table regions before scn 1150200;
Flashback complete.
HR@prod1>

3. create table 没有 or replace选项

HR@prod1> create or replace table regions as select * from regions_bak;
create or replace table regions as select * from regions_bak
*
ERROR at line 1:
ORA-00922: missing or invalid option
HR@prod1>
问题原因：
This works on functions, procedures, packages, types, synonyms, trigger and views.
This does not work on tables :)

4. 删除表报错 ORA-02449

HR@prod1> drop table regions;
drop table regions
*
ERROR at line 1:
ORA-02449: unique/primary keys in table referenced by foreign keys
HR@prod1> drop table countries;
drop table countries
*
ERROR at line 1:
ORA-02449: unique/primary keys in table referenced by foreign keys
HR@prod1> drop table locations;
drop table locations
*
ERROR at line 1:
ORA-02449: unique/primary keys in table referenced by foreign keys
HR@prod1>
HR@prod1> host oerr ora 2449
02449, 00000, "unique/primary keys in table referenced by foreign keys"
// *Cause: An attempt was made to drop a table with unique or
// primary keys referenced by foreign keys in another table.
// *Action: Before performing the above operations the table, drop the
// foreign key constraints in other tables. You can see what
// constraints are referencing a table by issuing the following
// command:
// SELECT * FROM USER_CONSTRAINTS WHERE TABLE_NAME = "tabnam";

HR@prod1>
解决方法：

法1、根据错误提示，要先删除其他表的外键才能删除表，可是这样太麻烦

HR@prod1> select * from user_constraints where table_name=' REGIONS' ;

OWNER				CONSTRAINT_NAME	C	TABLE_NAME

SEARCH_CONDITION						

R_OWNER				R_CONSTRAINT_NAME	DELETE_RU	STATUS
DEFERRABLE	DEFERRED					

VALIDATED	GENERATED	BAD RELY	LAST_CHAN	INDEX_OWNER	INDEX_NAME	INVALID

VIEW_RELATED

```
-----
HR                                     REG_ID_PK                                P REGIONS
                                     ENABLED NOT DEFERRABLE IMMEDIATE
VALIDATED    USER NAME                13-OCT-14 HR    REG_ID_PK
HR                                     REGION_ID_NN                               C REGIONS
"REGION_ID" IS NOT NULL
                                     ENABLED NOT DEFERRABLE IMMEDIATE
```

VALIDATED USER NAME 13-OCT-14

HR@prod1> desc user_constraints

HR@prod1> ;

```
1* select owner, constraint_name, constraint_type, table_name, status, delete_rule, deferrable, validated, bad, rely from
user_constraints where table_name='REGIONS'
```

HR@prod1> /

OWNER	CONSTRAINT_NAME	C	TABLE_NAME	STATUS	DELETE_RU	DEFERRABLE	VALIDATED	BAD	RELY
-------	-----------------	---	------------	--------	-----------	------------	-----------	-----	------

HR	REG_ID_PK	P	REGIONS	ENABLED		NOT DEFERRABLE	VALIDATED		
----	-----------	---	---------	---------	--	----------------	-----------	--	--

HR	REGION_ID_NN	C	REGIONS	ENABLED		NOT DEFERRABLE	VALIDATED		
----	--------------	---	---------	---------	--	----------------	-----------	--	--

HR@prod1>

find the list of foreign keys by which my unique constraint is referenced

找到所有reference这个约束的外键：

```
select * from all_constraints
```

```
where constraint_type='R' and r_constraint_name='YOUR_CONSTRAINT';
```

eg.:

```
HR@prod1> select * from all_constraints where constraint_type='R' and r_constraint_name='REG_ID_PK';
```

no rows selected

```
HR@prod1> select * from all_constraints where constraint_type='R' and r_constraint_name='REG_ID_NN';
```

no rows selected

HR@prod1>

法2、不如直接cascade constraints

```
HR@prod1> drop table regions cascade constraints;
```

Table dropped.

HR@prod1>

5. 多次执行mv脚本 (tune materialized view) 报错ORA-13607: The specified task or object cust_mv already exists

```
SH@PROD1> @mv
```

Connected.

```
create directory tune_result as '/home/oracle/scripts
```

*

ERROR at line 1:

ORA-01756: quoted string not properly terminated

```
grant read, write, execute on directory tune_results to public
```

*

ERROR at line 1:

ORA-04042: procedure, function, package, or package body does not exist

Grant succeeded.

Connected.

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

PL/SQL procedure successfully completed.

```
BEGIN DBMS_ADVISOR.CREATE_FILE(DBMS_ADVISOR.GET_TASK_SCRIPT(:task_cust_mv), 'TUNE_RESULTS', 'mv_create.sql'); END;
```

*

ERROR at line 1:

ORA-29280: invalid directory path

ORA-06512: at "SYS.UTL_FILE", line 41

```

ORA-06512: at "SYS.UTL_FILE", line 478
ORA-06512: at "SYS.PRVT_ADVISOR", line 1144
ORA-06512: at "SYS.DBMS_ADVISOR", line 548
ORA-06512: at line 1
SH@PROD1>
SH@PROD1> @mv
Connected.
Directory created.
grant read, write, execute on directory tune_results to public
*
ERROR at line 1:
ORA-04042: procedure, function, package, or package body does not exist
Grant succeeded.
Connected.
PL/SQL procedure successfully completed.
PL/SQL procedure successfully completed.
BEGIN DBMS_ADVISOR.TUNE_MVIEW(:task_cust_mv, :create_mv_ddl); END;
*
ERROR at line 1:
ORA-13607: The specified task or object cust_mv already exists
ORA-06512: at "SYS.PRVT_ADVISOR", line 4869
ORA-06512: at "SYS.DBMS_ADVISOR", line 103
ORA-06512: at "SYS.PRVT_TUNE_MVIEW", line 479
ORA-06512: at "SYS.PRVT_TUNE_MVIEW", line 970
ORA-06512: at "SYS.DBMS_ADVISOR", line 739
ORA-06512: at line 1
BEGIN DBMS_ADVISOR.CREATE_FILE(DBMS_ADVISOR.GET_TASK_SCRIPT(:task_cust_mv), 'TUNE_RESULTS', 'mv_create.sql'); END;
*
ERROR at line 1:
ORA-29280: invalid directory path
ORA-06512: at "SYS.UTL_FILE", line 41
ORA-06512: at "SYS.UTL_FILE", line 478
ORA-06512: at "SYS.PRVT_ADVISOR", line 1144
ORA-06512: at "SYS.DBMS_ADVISOR", line 548
ORA-06512: at line 1
SH@PROD1>
SH@PROD1> @mv
Connected.
create directory tune_result as '/home/oracle/scripts'
*
ERROR at line 1:
ORA-00955: name is already used by an existing object
grant read, write, execute on directory tune_results to public
*
ERROR at line 1:
ORA-04042: procedure, function, package, or package body does not exist
Grant succeeded.
Connected.
PL/SQL procedure successfully completed.
PL/SQL procedure successfully completed.
BEGIN DBMS_ADVISOR.TUNE_MVIEW(:task_cust_mv, :create_mv_ddl); END;
*
ERROR at line 1:
ORA-13607: The specified task or object cust_mv already exists
ORA-06512: at "SYS.PRVT_ADVISOR", line 4869
ORA-06512: at "SYS.DBMS_ADVISOR", line 103
ORA-06512: at "SYS.PRVT_TUNE_MVIEW", line 479
ORA-06512: at "SYS.PRVT_TUNE_MVIEW", line 970

```

```

ORA-06512: at "SYS.DBMS_ADVISOR", line 739
ORA-06512: at line 1
BEGIN DBMS_ADVISOR.CREATE_FILE(DBMS_ADVISOR.GET_TASK_SCRIPT(:task_cust_mv), 'TUNE_RESULTS', 'mv_create.sql'); END;
*
ERROR at line 1:
ORA-29280: invalid directory path
ORA-06512: at "SYS.UTL_FILE", line 41
ORA-06512: at "SYS.UTL_FILE", line 478
ORA-06512: at "SYS.PRVT_ADVISOR", line 1144
ORA-06512: at "SYS.DBMS_ADVISOR", line 548
ORA-06512: at line 1
SH@PROD1>
SH@PROD1> host oerr ora 13607
13607, 00000, "The specified task or object %s already exists"
// *Cause: The user attempted to create the specified task or object
//          using a name that already exists in the Advisor repository.
//          Task names must be unique to the database user.
// *Action: Adjust the name and retry the operation.
SH@PROD1>
报错原因：之前创建目录，路径写错，（后面没加单引号），目录名上下不一致（创建是tune_result没加s），导致后面任务已创建不能重复创建，系统又不会自动删除失败的任务
解决方法：手动删除任务
SH@PROD1> select task_name from user_advisor_tasks;
TASK_NAME
-----
cust_mv
SH@PROD1>
SH@PROD1> exec dbms_advisor.delete_task('cust_mv')
PL/SQL procedure successfully completed.
SH@PROD1>
SYS@PROD1> @mv
Connected.
Directory created.
Grant succeeded.
Grant succeeded.
Connected.
PL/SQL procedure successfully completed.
PL/SQL procedure successfully completed.
PL/SQL procedure successfully completed.
PL/SQL procedure successfully completed.
SH@PROD1>
注意：删除的时候任务名还不能大写
SH@PROD1> exec dbms_advisor.delete_task('CUST_MV')
BEGIN dbms_advisor.delete_task('CUST_MV'); END;
*
ERROR at line 1:
ORA-13605: The specified task or object CUST_MV does not exist for the current user.
ORA-06512: at "SYS.PRVT_ADVISOR", line 2365
ORA-06512: at "SYS.DBMS_ADVISOR", line 172
ORA-06512: at line 1
SH@PROD1>

```

6. ORA-39162 Transportable tablespace job require privileges

```

SYS@PROD1> create directory trans as '/home/oracle/scripts';
Directory created.
SYS@PROD1> grant read, write on directory trans to public;
Grant succeeded.

```

```

SYS@PROD1> create user trans_user identified by trans;
User created
SYS@PROD1> grant connect, resource to trans_user;
Grant succeeded.
SYS@PROD1>
[oracle@edbjr2p1 scripts]$ ls
EXPDAT_GENERATETTS000021.DMP  prod_master.ctl      transport_tbs01.dbf
mv_create.sql                prod_master.dat.gz   uncompress.sh
parallel.sql                  Skillset3.html
previous_skillsets            star.sql
[oracle@edbjr2p1 scripts]$
[oracle@edbjr2p1 scripts]$ p1
[oracle@edbjr2p1 scripts]$ impdp dumpfile=EXPDAT_GENERATETTS000021.DMP logfile=trans.log directory=trans
transport_datafiles=/u01/app/oracle/oradata/PROD1/transport_tbs01.dbf
Import: Release 11.2.0.3.0 - Production on Fri Apr 7 16:43:22 2017
Copyright (c) 1982, 2011, Oracle and/or its affiliates. All rights reserved.
Username: trans_user/trans
Connected to: Oracle Database 11g Enterprise Edition Release 11.2.0.3.0 - Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
ORA-31631: privileges are required
ORA-39162: Transportable tablespace job require privileges
[oracle@edbjr2p1 scripts]$
[oracle@edbjr2p1 scripts]$ oerr ora 39162
39162, 00000, "Transportable tablespace job require privileges"
// *Cause: User attempted to perform a transportable tablespace job without
//          being having the proper EXP_FULL_DATABASE or
//          IMP_FULL_DATABASE role.
// *Action: Retry the operation in a schema that has the required roles.
[oracle@edbjr2p1 scripts]$

```

既然trans_user用不了，不懂问什么要创建这个user