# Transport tablespace

## Thao tác với database nguồn

* Check platform

SQL> Select \* from v$transportable\_platform order by platform\_id;

PLATFORM\_ID PLATFORM\_NAME ENDIAN\_FORMAT

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1 Solaris[tm] OE (32-bit) Big

2 Solaris[tm] OE (64-bit) Big

3 HP-UX (64-bit) Big

4 HP-UX IA (64-bit) Big

5 HP Tru64 UNIX Little

6 AIX-Based Systems (64-bit) Big

7 Microsoft Windows IA (32-bit) Little

8 Microsoft Windows IA (64-bit) Little

9 IBM zSeries Based Linux Big

10 Linux IA (32-bit) Little

11 Linux IA (64-bit) Little

12 Microsoft Windows x86 64-bit Little

13 Linux x86 64-bit Little

15 HP Open VMS Little

16 Apple Mac OS Big

17 Solaris Operating System (x86) Little

18 IBM Power Based Linux Big

19 HP IA Open VMS Little

20 Solaris Operating System (x86-64) Little

* Check character set

SQL> Select \*

from v$nls\_parameters

where parameter='NLS\_CHARACTERSET';

PARAMETER VALUE

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NLS\_CHARACTERSET AL32UTF8

* Kiểm tra các rằng buộc

--Validating Self Containing Property

SQL> exec DBMS\_TTS.TRANSPORT\_SET\_CHECK('duong', TRUE);

SQL> SELECT \* FROM transport\_set\_violations;

No rows should be displayed

* Đưa tablespace về chế độ readonly

SQL> alter tablespace duong read only;

Tablespace altered

* Tiến hành dump metadata

SQL> CREATE OR REPLACE DIRECTORY dump AS '/u01/oracle/dump';

$ expdp DUMPFILE=duong.dmp LOGFILE=duong\_exp.log DIRECTORY=dump TRANSPORT\_TABLESPACES=duong TRANSPORT\_FULL\_CHECK=y

RMAN> convert tablespace duong TO PLATFORM 'Linux x86 64-bit' FORMAT '/u01/oracle/dump/%U';

## Thao tác với database đích

* Tạo User/Schema tương ứng để import dữ liệu vào

SQL> Create user duong identified by 123456;

* Tiến hành import metadata vào

SQL> CREATE OR REPLACE DIRECTORY dump AS '/u01/dump';

$impdp dumpfile=duong.dmp directory=dump transport\_datafiles='/u01/dump/data\_D-DBLAB\_I-3777200016\_TS-DUONG\_FNO-6\_01q3a2jo' logfile=impdp\_duong.log

* Tiến hành switch datafile ASM

RMAN> backup as copy datafile '/u01/dump/data\_D-DBLAB\_I-3777200016\_TS-DUONG\_FNO-6\_01q3a2jo' format '+DATA';

RMAN> alter database datafile '/u01/dump/data\_D-DBLAB\_I-3777200016\_TS-DUONG\_FNO-6\_01q3a2jo' offline

RMAN> switch datafile '/u01/dump/data\_D-DBLAB\_I-3777200016\_TS-DUONG\_FNO-6\_01q3a2jo' to copy;

RMAN> recover datafile '+DATA/MYDB/datafile/data.366.773260595';

* Put the datafile online:

SQL> alter database datafile '+DATA/MYDB/datafile/data.366.773260595' online;

Database altered.

* Đặt default tablespace cho user

SQL> ALTER USER duong DEFAULT TABLESPACE DATA

User altered