Scenario1:- Export and import the whole orcl database

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir expdpfull

Step 2:- create directory in oracle

Command for oracle:- create directory expdpfull as ‘/u01/expdpfull’;

Step 3:- Login into oracle and create new table and insert data in it.

This will help user to identify what tables will be imported.

Step 4:- expdp command on os :-

expdp userid=username/password directory=export dumpfile=expdp\_export.dmp logfile=expdp\_export.log full=y

Here,

Directory= expdpfull(one you created at os and oracle level)

Dumpfile\_name and Logfile\_name as per your choice with proper extensions(.dmp and .log)

Mention full=y for full expdp backup. You can check for expdp parameters before passing values for “FULL” by expdp help=y.

**IMPDP backup**

step 1:- Type the impdp command as follows:-

impdp userid=username/password directory=export dumpfile=expdp\_export.dmp logfile=expdp\_export.log full=y

Here,

Directory\_name= expdpfull(same directory where your expdp dumpfile is stored)

Dumpfile\_name=expdp\_export.dmp(same as expdp dumpfile name)

Logfile\_name= as per your choice with .log extension

Mention Full=y for full impdp.

Note:- If you have created tables prior to expdp then they will be visible when impdp process is in progress.

Scenario2:- Export the scott schema from orcl and import into ordb database. While import, exclude some objects(sequence,view,package,cluster,table). Load the objects which came from RES tablespace into USERS tablespace in target database.

**EXPDP backup-**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir schemaexpdp

Step 2:- create directory in oracle

Command for oracle:- create directory schemaexpdp as ‘/u01/schemexpdp’;

Step 3:- expdp command on os

Expdp userid=system/password dumpfile=schemaexpdp.dmp logfile=schemaexpdp.log directory=dump location schemas=scott

Here:- if you want to give username and password as system/sys then

\'sys\/sys123 as sysdba \'

-directory= dump location is the directory you created in

Os (schemaexpdp)

**IMPDP backup**

Step1:- Type the impdp command as follows:-

Impdp userid= system/password dumpfile=schemaexpdp.dmp logfile=schemaimpdp.log directory=dumplocation table\_exists\_action=replace remap\_tablespace=res:users exclude=table:”in(‘LOAD\_EXT’)”

Here, user id=\'sys\/sys123 as sysdba \'

directory=dump location is the directory whicc you created in

os and where your expdp backup is stored.

Check impdp help=y for parameters like

a)table\_exists\_action

b)remap\_tablespace

c)exclude

Scenario 3:- Export the emp table from scott schema at orcl instance and import into ordb instance

**EXPDP backup-**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir tableexpdp

Step 2:- :- create directory in oracle

Command for oracle:- create directory tableexpdp as ‘/u01/tableexpdp’;

Step 3:- expdp command on os

Expdp user id=\'sys\/sys123 as sysdba \' dumpfile=tableexpdp.dmp logfile=tableexpdp.log directory=tableexpdp tables=scott.part\_emp

Here, directory= tableexpdp is the directory created in os

Check expdp help=y fro parameter a) tables

**IMPDP backup**

Impdp user id= \'sys\/sys123 as sysdba \' dumpfile=tableexpdp.dmp logfile=tableimpdp.log directory=tableexpdp table\_exists\_action=REPLACE

Here, dumpfile = tableexpdp.dmp is the dumpfile in which expdp backup

Is stored.

directory=tableexpdp is the directory created in os.

Check impdp help = y for parameter table\_exists\_action

Table\_exists\_action = REPLACE 🡪 when existing table columns do not match the imported table columns.

Scenario 4:- Export only specific partition in emp table from scott schema at orcl and import into ordb database.

Step1:-

CREATE TABLE sales\_range

(salesman\_id NUMBER(5),

salesman\_name VARCHAR2(30),

sales\_amount NUMBER(10),

sales\_date DATE)

TABLESPACE "EXPORT"

PARTITION BY RANGE(sales\_date)

(

PARTITION sales\_jan2000 VALUES LESS THAN(TO\_DATE('02/01/2000','MM/DD/YYYY')),

PARTITION sales\_feb2000 VALUES LESS THAN(TO\_DATE('03/01/2000','MM/DD/YYYY')),

PARTITION sales\_mar2000 VALUES LESS THAN(TO\_DATE('04/01/2000','MM/DD/YYYY')),

PARTITION sales\_apr2000 VALUES LESS THAN(TO\_DATE('05/01/2000','MM/DD/YYYY'))

);

**EXPDP backup**

expdp directory=expdprow dumpfile=partexpdb1.dmp logfile=partexpdb1.log tables=anang.sales\_range:SALES\_FEB2000,anang.sales\_range:SALES\_JAN2000

**IMPDP backup**

impdp directory=expdprow dumpfile=partexpdb1.dmp logfile=partimpdb.log table\_exists\_action=append

Scenario 5:- Export only tables in scott schema at orcl and import into ordb database

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir schemaexpdp

Step 2:- :- create directory in oracle

Command for oracle:- create directory schemaexpdp as ‘/u01/schemaexpdp’;

Step 3:- expdp command on os

Expdp user id= \'sys\/sys123 as sysdba \' dumpfile=schemaexp.dmp logfile=schemaexp.log directory=schemaexpdp include=table schemas=scott

Here, check expdp help=y for “include”

When we provide include=table for schemas=scott then while

Exporting only tables of scott will be exported.

**IMPDP backup**

Impdp user id= \'sys\/sys123 as sysdba \' directory=schemaexpdp dumpfile=schemaexp.dmp logfile=schemaimp.log table\_exists\_action=REPLACE

Scenario 6:- Export only rows belonging to department 10 and 20 in emp and dept table from orcl database. Import the dump file in ordb database. While importing, load only deptno 10 in target database.

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir datafilterexpdp

Step 2:- :- create directory in oracle

Command for oracle:- create directory datafilterexpdp as ‘/u01/datafilterexpdp’;

Step 3:- expdp command on os

Expdp user id= \'sys\/sys123 as sysdba \' directory=datafilterexpdp dumpfile=datafilterexp.dmp logfile=datafilterexp.log content=data\_only schemas=scott include=table:”in(‘EMP’,DEPT’)” query=”where deptno in(10,20)”

**IMPDP backup**

Impdp user id=\'sys\/sys123 as sysdba \' directory=datafilterexpdp dumpfile=datafilterexp.dmp logfile=datafilterimp.log schemas=scott query=”where deptno=10” table\_exists\_action=APPEND

Scenario 7:- Export the scott schema from orcl database and split the dump file into 50M sizes. Import the dump file into ordb database.

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir splitexp

Step 2:- :- create directory in oracle

Command for oracle:- create directory splitexp as ‘/u01/ splitexp’;

Step 3:- expdp command on os

Expdp user id=\'sys\/sys123 as sysdba \' directory=splitexp dumpfile=splitexp.dmp logfile=splitexp.log filesize=50m schemas=scott include=table

Here, initially splitexp1.dmp file will be created .once the file is 50mb then next file called splitexp2.dmp will be created. If total file size is 500mb then it will create 10 dump files each of size 50mb.

**IMPDP backup**

Impdp user id=\'sys\/sys123 as sysdba \' directory=splitexp dumpfile=splitexp.dmp logfile=splitimp.log table\_exists\_action=REPLACE remap\_tablespace=res:users exclude=grant

Scenario 8:- Export the scott schema from orcl database and split the dump file into four files. Import the dump file into ordb datbase.

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir splitfileexp

Step 2:- :- create directory in oracle

Command for oracle:- create directory splitfileexp as ‘/u01/ splitfileexp’;

Step 3:- expdp command on os

Expdp user id= \'sys\/sys123 as sysdba \' directory=splitfile dumpfile=splitfileexp\_%U.dmp logfile= splitfileexp.log parallel=4 schemas=scott include=table

Here,

Initially four files will be created splitfileexp1.dmp splitfileexp2.dmp splitfileexp3.dmp splitfileexp3.dmp. As filesize is not mentioned only four files will be created.

**IMPDP backup**

Impdp user id= \'sys\/sys123 as sysdba \' directory=splitfile dumpfile=splitfileexp\_%U.dmp logfile= splitfileimp.log table\_exists\_action=REPLACE remap\_tablespaces=res:users exclude=grant

SCENARIO 9:- Export the scott schema from orcl database and split the dump file into three files. The dump files will be stored in three different location. This method is especially useful if you do not have enough space in one file system to perform the complete expdp job. After export is successful, import the dump file into ordb database

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir splitfileexp

Step 2:- :- create directory in oracle

Command for oracle:- create directory schemasplit as ‘/u01/ schemasplit’

Step 3:- expdp command on os

Expdp user id= \'sys\/sys123 as sysdba \' directory= schemasplit dumpfile=dump1:schemasplit\_%u.dmp, dump2:schemasplit\_%U.dmp dump3:schemasplit\_%U.dmp logfile= schemasplitexp.log filesize=50m schemas=scott include=table

**IMPDP backup**

Impdp user id= \'sys\/sys123 as sysdba \' directory= schemasplit dumpfile=dump1:schemasplit\_%u.dmp, dump2:schemasplit\_%U.dmp dump3:schemasplit\_%U.dmp logfile=schemasplitimp.log table\_exists\_action=REPLACE

Scenario 12:- Expdp scott schema in ordb and impdp the dump file in training schema in ordb database.

**EXPDP backup**

Step 1:- create a directory in os as well as in oracle.

Command for os- go to the folder where you want to create directory

$cd /u01

$/u01 mkdir splitfileexp

Step 2:- :- create directory in oracle

Command for oracle:- create directory schemasplit as ‘/u01/ schemasplit’

Step 3:- expdp command on os

Expdp user id= \'sys\/sys123 as sysdba \’ directory= networkexp dumpfile=networkexp.dmp logfile=networkexp.log schemas=scott include=table

**IMPDP backup**

Impdp user id= \'sys\/sys123 as sysdba \’ directory= networkexp dumpfile=networkexp.dmp logfile=networkimp.log table\_exists\_action=REPLACE remap\_schemascott:training