Multitenancy database

( Container database )

# networking:

==========

• listener and tns are required in this

• Listener should be up and run

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# user’s

======

1. Common user:

===============

• Create user c##mouli identified by mouli;

• Common user is created under container and it is accessible form any pluggable database in that container.

2. Local user:

============

• create user mouli identified by mouli;

• It is accessible only from particular pluggable database where it is created.

————————————————————————-

# To check user is available in db or not:

==============================

• select username from dba\_users where username=‘MOULI’;

# To connect to particular Pdb:

=======================

• alter session set container=punepdb1;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To open pluggable database from container:

===================================

• alter pluggable database PDBPRIM open:

# To check connected pdb or pdbs :

==========================

• show pdbs

• Show con\_name;

• select name,open\_mode from v$containers;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# connecting to user in pluggable database:

=================================

• create tns for that pluggable db.

• sqlplus u1/u1@priyadba(tns)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To close pdb:

===========

• alter pluggable database punepdb2 close;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To drop pdb:

===========

• dbca

Or

• drop pluggable database punepdb2 including datafiles;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To keep in read only mode :

======================

• alter pluggable database PUNEPDB1 open read only;

• \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To check file I’d status:

===================

• Select FILE\_ID,STATUS from dba\_files;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To check file names:

==================

• select file\_id,file\_name from dba\_data\_files;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# To create new pluggable database:

============================

• Create pluggable database priyadb admin user mouli identified by mouli123 FILE\_NAME\_CONVERT=(/files/location/of/container/‘,’/new/location/of/new/database/‘);

Or

• dbca

========

• Manage pluggable database

• Create pluggable database

• Select the container from which you want to create the pluggable database.

• Select if you want new pluggable database.

Or

• select existing pluggable database to create another pluggable database.

• Mention new pluggable db name.

• Set administrator user & user.

• Select datafiles location

• Finish.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Export & import in multitenant database’s

================================

# TABLE REFRESH:

==============

#To expdp and import:punepdb1

=================

• create directory in os level.bkp 1

• Create directory in sql level .expdp

• Give permision to system on directory ( read,write) from punepdb1.

• expdp system/system@tns\_punepdb1 directory=exp\_pune1 dimpfile=table\_t1.dump logfile=table\_t1.log tables=ram.t1

Duplicate session: punepdb2

==============

Connect to pdb1

• alter session set container=punepdb2;

• Create user u2

• Create directory in os level. bkp2

• Create directory in sql level. Impdp

• Copy dump file from bkp 1 to bkp 2

• Cp —————

• Impdp system/system@tns\_punepdb2 directory=Impdp dumpfile=table\_t1.dmp logfile=impdp\_table.log remap\_schema=u1:u2 tables= ram.t1

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Schema refresh: Punepdb1

==============

• create directory in so level.bkp 1

• Create directory in sql level .expdp

• Give permision to system on directory ( read,write) from punepdb1.

• expdp system/system@tns\_punepdb1 directory=expdp dumpfile=schema\_ram.dmp logfile=schema\_ram.log schemas=ram

Duplicate:

========

connect to pdp2

• alter session set container=punepdb2;

• Create user u2

• Create directory in os level. bkp2

• Create directory in sql level. Impdp

• Copy dump file from bkp 1 to bkp 2

• Cp —————

• impdp system/system@tns\_punepdb2 directory=impdp dumpfile=schema\_ram.dmp logfile=impdp\_ram.log remap\_schema=u1:u2 schemas=ram

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_