**6 Oracle User Management**

* **USERS** and **SCHEMA** are specified based on their privileges.

**USER:**

* It doesn’t contain owned objects like table, view, triggers, synonyms procedure, package..etc.
* It can read the data of other schema by taking privileges.

**SCHEMA:**

* It contain owned objects like table, view, trigger, synonyms, procedure, package…etc.

**To check users:**

* Desc dba\_users
* select username from dba\_ users;

**To check users account status:**

* select username, account\_status,default\_tablespace,temporary\_tablespace,profile from dba\_users where username=‘u1’;

**To Create USER:**

* create user u1 identified by u123;

**To check how many users linked with tablespace:**

* select username from dba\_users where default\_tablespace=‘palikila’;

**To add tablespace to user:**

* alter user u1 default tablespace palikila;

**DROP USERS / SCHEMA:**

* **User:** drop user u1;
* To delete schema ‘ cascade’
* drop user u1 cascade;

**To check user sessions from OS level:**

* ps –ef|grep EISUAT
* If **LOCAL= YES** the session is from same server.
* If **LOCAL=NO** then the session is from another server.

**To allocate quota to user on tablespace:**

* Alter user u1 quota unlimited on users;
* alter user u1 quota 50m on users;

**To check user quota on tablespace:**

* desc dba\_ts\_quotas
* select TABLESPACE\_NAME,BYTES/1024/1024 from dba\_ts\_quotas where username= ‘U1’;

**To increase user quota on tablespace:**

* Alter user u1 quota 70m on users;

**To check how much quota increased:**

* Select tablespace\_name,bytes/1024/1024,max\_bytes/1024/1024 from dba\_ts\_quotas where username=‘u1’;

**Default database\_properties:**

* by default database will take some default values for default tablespace,temporary tablespace and profile.
* If we didn’t mention any it will add the default values.
* desc database\_properties
* select PROPERTY\_NAME,PROPERTY\_VALUE from database\_properties where PROPERTY\_NAME='DEFAULT\_PERMANENT\_TABLESPACE';

**To reset user password with old password:**

* desc sys.user$
* Select name,password from sys.user$ where name=‘u1’;
* Alter user u1 identified by values ‘3ed8w’;

**To change user password:**

* alter user u1 identified by u1;

**To lock and unlock user:**

* alter user u1 account lock;
* alter user u1 account unlock;

**To create user u2 with same privileges of u1: (mirroring of user**)

* create below script as .sql file and execute
* select 'alter user ' || username ||' identified by values ''' || password || ''';'from dba\_users;

Mirror user roles and privilege's with metadata details.

clear screen

accept uname prompt 'Enter User Name : '

accept outfile prompt ' Output filename : '

spool &&outfile..gen

SET LONG 20000 LONGCHUNKSIZE 20000 PAGESIZE 0 LINESIZE 1000 FEEDBACK OFF VERIFY OFF TRIMSPOOL ON

BEGIN

DBMS\_METADATA.set\_transform\_param (DBMS\_METADATA.session\_transform, 'SQLTERMINATOR', true);

DBMS\_METADATA.set\_transform\_param (DBMS\_METADATA.session\_transform, 'PRETTY', true);

END;

/

SELECT dbms\_metadata.get\_ddl('USER','&&uname') FROM dual;

SELECT DBMS\_METADATA.GET\_GRANTED\_DDL('SYSTEM\_GRANT','&&uname') from dual;

SELECT DBMS\_METADATA.GET\_GRANTED\_DDL('ROLE\_GRANT','&&uname') from dual;

SELECT DBMS\_METADATA.GET\_GRANTED\_DDL('OBJECT\_GRANT','&&uname') from dual;

spool off

* This will ask to enter username of which you want the DDL.
* Output filename not required press enter.

**User Management In Container Database:**

1. **Common User:**

* Common user is created under container and it is accessible from any pluggable database in that container.
* Coman user creation must contain prefix **c##** in the beginning of username.
* Create user c##mouli identified by mouli;

1. **Local User:**

* It is accessible only from particular pluggable database where it is created.
* Create user mouli identified by mouli;
* To connect local user we should mention tns of the pluggable database.
* Conn u1/u1@priya