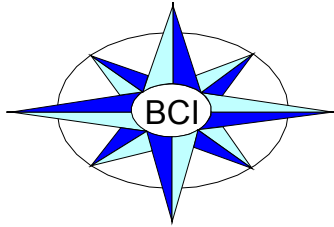


Practical Exercise-2

(Basic Oracle Security – Managing Privileges)



ORACLE DBA I PHASE I

Practical Exercise-2

Basic Oracle Security – Managing Privileges

DIRECTIONS: Follow the directions carefully. Provide your answer in the space provided. You will have 50 minutes to complete this exercise. You may use EM Database Express, Sql Developer or SQL*plus. DO YOUR OWN WORK!

- Create a new user called user2 with a password of 'password', using the default tablespace of users and the default temporary tablespace of temp.
- Grant create any table, create session, create tablespace, select_catalog_role to user2.
- Log on as User2 with a password or 'password'.
- Create the following table in SIDPERS schema: create table sidpers.user2tbl (ucolumn varchar2(20));

1. Were you successful?

Create the following users according to the table below:

Username	Password	Default Tablespace	Default Temporary Tablespace	Quotas
UserKeep	Password	Users	Temp	
UserLose	Password	Users	Temp	15M on Users
UserExtra	Password	Users	Temp	15M on Users

Logged on as sidpers, grant the following privileges to the users:

User	Privilege
UserKeep	Create Session with Admin Option, Create Table with Admin Option Select_catalog_role
UserExtra	Create Session Select_catalog_role

Now log on as UserKeep. As UserKeep, grant Create Session, Create Table to UserLose.

Connect as UserLose.

2. Where you successful? Why or why not?

Connect userkeep/password;
Grant create session to userlose;
Connect userlose/password

Create the following table. Create table uLose2 (uColumn varchar2(20));

3. Where you successful?

Log back on as sidpers.

- Revoke the create table privilege from UserKeep.
- Connect as Userkeep.
- Attempt to create the following table: create table uLose2 (uColumn2 varchar2(20));

4. Where you successful? Why or why not?

Connect as sidpers.

Create the following table: create table mtable (value1 varchar2(20));

Grant the following object privileges:

User	Object Privilege
UserKeep	select insert on sidpers.mtable, delete on sidpers.mtable with grant option
UserExtra	select on sidpers.mtable

Log on as UserKeep, Insert the following 3 records:

- insert into sidpers.mtable values('valueA');
- insert into sidpers.mtable values('valueB');
- insert into sidpers.mtable values('valueC');

5. Where you successful?

Still logged on as UserKeep, grant the following privileges:

User	Object Privilege
UserLose	Delete on sidpers.mtable

Log on as UserLose. Delete the following record:

delete from sidpers.mtable where value1='valueC';

6. Where you successful? Why or why not?