

Section 13 Programming

CONTROLLING USER ACCESS

The following table shows some of the output from one of the data dictionary views.

Which view is being queried?

USERNAME	PRIVILEGE	ADMIN_OPTION
USCA_ORACLE_SQL01_S08	CREATE	VIEW NO
USCA_ORACLE_SQL01_S08	CREATE	TABLE NO
USCA_ORACLE_SQL01_S08	CREATE	SYNONYM NO
USCA_ORACLE_SQL01_S08	CREATE	TRIGGER NO
USCA_ORACLE_SQL01_S08	CREATE	SEQUENCE NO
USCA_ORACLE_SQL01_S08	CREATE	DATABASE NO

`user_sys_privs` (lists system privileges granted to the user)

Which Object Privilege apart from Alter can be granted to a Sequence?

`SELECT`

Object privileges are:

Required to manipulate the content of objects in the database.

By Controlling User Access with Oracle Database Security you can give access to specific Objects in the Database. True or False?

True

Which of the following Object Privileges can be granted on an individual column on a table?

Update

References

A Schema is a collection of Objects such as Tables, Views and Sequences. True or False?

True

Which of these is not a System Privilege granted by the DBA?

Create Index

Which of the following is not a database object?

Subquery

What system privilege must be held in order to login to an Oracle database?

CREATE SESSION

A schema is:

A collection of objects, such as tables, views, and sequences.

System privileges are:
Required to gain access to the database.

CREATING AND REVOKING OBJECT PRIVILEGES

Which of the following statements about granting object privileges is false?
Object privileges can only be granted through roles.

If you are granted privileges to your friend's object, by default you may also grant access to this same object to other users. True or False?
False

What Oracle feature simplifies the process of granting and revoking privileges?
Role

User1 owns a table and grants select on it WITH GRANT OPTION to User2. User2 then grants select on the same table to User3. If User1 revokes select privileges from User2, will User3 be able to access the table?
No

Roles are:
Named groups of related privileges given to a user or another role.

When a user is logged into one database, they are restricted to working with objects found in that database. True or False?
False

To take away a privilege from a user you use which command?
REVOKE

Scott King owns a table called employees. He issues the following statement:
GRANT select ON employees TO PUBLIC;
Allison Plumb has been granted CREATE SESSION by the DBA. She logs into the database and issues the following statement:
GRANT select ON scott_king.employees TO jennifer_cho;
True or False: Allison's statement will fail.
True

A role can be granted to another role. True or False?
True

Which of the following statements is true?

Database Links allow users to work on remote database objects without having to log into the other database.

REGULAR EXPRESSIONS

Select the correct REGULAR EXPRESSION functions:

REGEXP_LIKE, REGEXP_REPLACE
REGEXP_INSTR, REGEXP_SUBSTR

REGULAR EXPRESSIONS can be used as a part of constraint definitions?

True

REGULAR EXPRESSIONS does exactly the same as LIKE. No more and no less?

False

REGULAR EXPRESSIONS can be used on CHAR, CLOB and VARCHAR2 datatypes?

True