Viewing Privilege and Role Information

To access information about grants of privileges and roles, you can query the following data dictionary views:

View	Description
DBA_COL_PRIVS ALL_COL_PRIVS USER_COL_PRIVS	DBA view describes all column object grants in the database. ALL view describes all column object grants for which the current user or PUBLIC is the object owner, grantor, or grantee. USER view describes column object grants for which the current user is the object owner, grantor, or grantee.
ALL_COL_PRIVS_MADE USER_COL_PRIVS_MADE	ALL view lists column object grants for which the current user is object owner or grantor. USER view describes column object grants for which the current user is the grantor.
ALL_COL_PRIVS_RECD USER_COL_PRIVS_RECD	ALL view describes column object grants for which the current user or PUBLIC is the grantee. USER view describes column object grants for which the current user is the grantee.
DBA_TAB_PRIVS ALL_TAB_PRIVS USER_TAB_PRIVS	DBA view lists all grants on all objects in the database. ALL view lists the grants on objects where the user or PUBLIC is the grantee. USER view lists grants on all objects where the current user is the grantee.
ALL_TAB_PRIVS_MADE USER_TAB_PRIVS_MADE	ALL view lists the all object grants made by the current user or made on the objects owned by the current user. USER view lists grants on all objects owned by the current user.
ALL_TAB_PRIVS_RECD USER_TAB_PRIVS_RECD	ALL view lists object grants for which the user or PUBLIC is the grantee. USER view lists object grants for which the current user is the grantee.
DBA_ROLES	This view lists all roles that exist in the database.
DBA_ROLE_PRIVS USER_ROLE_PRIVS	DBA view lists roles granted to users and roles. USER view lists roles granted to the current user.

View	Description

`DBA_SYS_PRIVS`
 	
`USER_SYS_PRIVS`
	DBA view lists system privileges granted to users and roles. USER view lists system privileges granted to the current user.

`ROLE_ROLE_PRIVS`	This view describes roles granted to other roles. Information is provided only about roles to which the user has access.
`ROLE_SYS_PRIVS`	This view contains information about system privileges granted to roles. Information is provided only about roles to which the user has access.
`ROLE_TAB_PRIVS`	This view contains information about object privileges granted to roles. Information is provided only about roles to which the user has access.
`SESSION_PRIVS`	This view lists the privileges that are currently enabled for the user.
`SESSION_ROLES`	This view lists the roles that are currently enabled to the user.

Some examples of using these views follow. For these examples, assume the following statements have been issued:

```
CREATE ROLE security_admin IDENTIFIED BY honcho;

GRANT CREATE PROFILE, ALTER PROFILE, DROP PROFILE,
    CREATE ROLE, DROP ANY ROLE, GRANT ANY ROLE, AUDIT ANY,
    AUDIT SYSTEM, CREATE USER, BECOME USER, ALTER USER, DROP USER
    TO security_admin WITH ADMIN OPTION;

GRANT SELECT, DELETE ON SYS.AUD$ TO security_admin;

GRANT security_admin, CREATE SESSION TO swilliams;

GRANT security_admin TO system_administrator;

GRANT CREATE SESSION TO jward;

GRANT SELECT, DELETE ON emp TO jward;

GRANT INSERT (ename, job) ON emp TO swilliams, jward;
```