**DB Security**

**Authentication:** Authentication is a process of verifying the credentials (username & password) of a user to login into the system.

**Authorization:** Authorization is process of verifying whether the user as permissions to perform any operation on the database.

**Data Control Language:** DCL commands are used to enforce database security in multiple users’ database environment. These are two types….

* GRANT
* REVOKE

**GRANT:** Grant command is used for giving a privilege or permission for a user to perform operations on the database.

**Syntax:**  GRANT <Privilege Name> on <object name> To {User} ;

**Privilege Name:** Used to granted permission to the users for some rights are ALL and SELECT.

**Object Name:** It is the name of database objects like Table, Views and Stored Procedure etc….

**User:** Used for to whom an access rights is being granted.

**REVOKE:** Revoke command removes user access rights / privileges to the database OR taking back the permission that is given to a user.

**Syntax:** Revoke <privilege name> on <object name > from {user};