

Server Roles: In sql server, server roles are the predefined groups that helps to manage the permissions for server level tasks. It simplified the process of granting the permissions by allowing you to assign the server roles to the users instead of assigning the permissions individually.

KEY POINTS

Server role operate at the server level and it is not specific to individual database.

It also defines like what actions a user can perform such as managing the database or server configuration.

Sql server has fixed server roles and allows you to create the custom server roles.

Fixed server role –

1. Sysadmin -- is the godfather of the server.
2. Server admin -- Manage the server wide configuration (eg-startup, shutdown settings)
3. Security admin -- manages server login and permissions.
4. Db creator -- can create, alter, drop and restore database
5. Bulk admin -- Allows the users to perform bulk import operations.
6. Disk admin -- Manages disk files for the sql server
7. Process admin -- can kill processes running on sql server
8. Setup admin -- Can manage linked server and server wide configurations.
9. Public -- all the logins which is created in the sql server by default they will be the member of public fixed server role.

Custom role –

Create server role(myrole)