

Tiered Security Model

- **Login security**

Connect to the server

- **Database security**

Access to the database

- **Database objects**

Access to individual DB objects & data

Database Level Security

- Select
- Insert
- Update
- Delete
- Create
- Drop
- Grant
- Index
- Alter
- **Execute**

Table Level Security

- Select
- Insert
- Update
- Delete
- Create
- Drop
- Grant
- Index
- Alter

Column Level Security

- Select
- Insert
- Update

Roles

- Zeus - DbOwner
- Backup
- Catalogers
- Members
- Janitors
- Bobs

Server Administrative Roles

- **DBA:** perform all the tasks (Bwa-ha-ha-ha...)
- **MaintenanceAdmin:** only tasks related to maintaining the server
- **ProcessAdmin:** can only view and kill user processes
- **UserAdmin:** create users login and reset passwords
- **SecurityAdmin:** manage logins & grant/revoke server privileges
- **MonitorAdmin:** monitor the server
- **DBManager:** full rights to manage all databases
- **DBDesigner:** create & reverse engineer any database schema
- **ReplicationAdmin:** setup and manage replication.
- **BackupAdmin:** required rights to back up databases