DATABASE FIREWALL/SECURITY

**CONFIDENTILITY**

* Security from internal và external
* Who access the db
* Critical in4 must be extremly secure / protected

Filter sự truy cập đến database

**INTEGRITY**

* Verify data whether has the correct formatting
* Input

**AUTHENTICITY**

* Make sure Data only be edited by an authorized source
* Make sure the user accessing db are who they are
* Verify outbound data is going to the expexted receiver
* Verify all report requests are from authorized users

**AVAILABILITY**

* Data must be available at all times
  + To appropriate users
  + Can track the user who access the db

Desgin db: architecture , encrypt,.. (tên table unfamiliar,..)

Security funcs of db : Oracle ,Microsoft,…

3 rd security option : Database firewall ,…

Monitoring

Auditoring : kiểm tra xem có đúng hay k

Tracking

5 nd của trong network architec

, WAF , DBF , NGFW , ACL , stateful