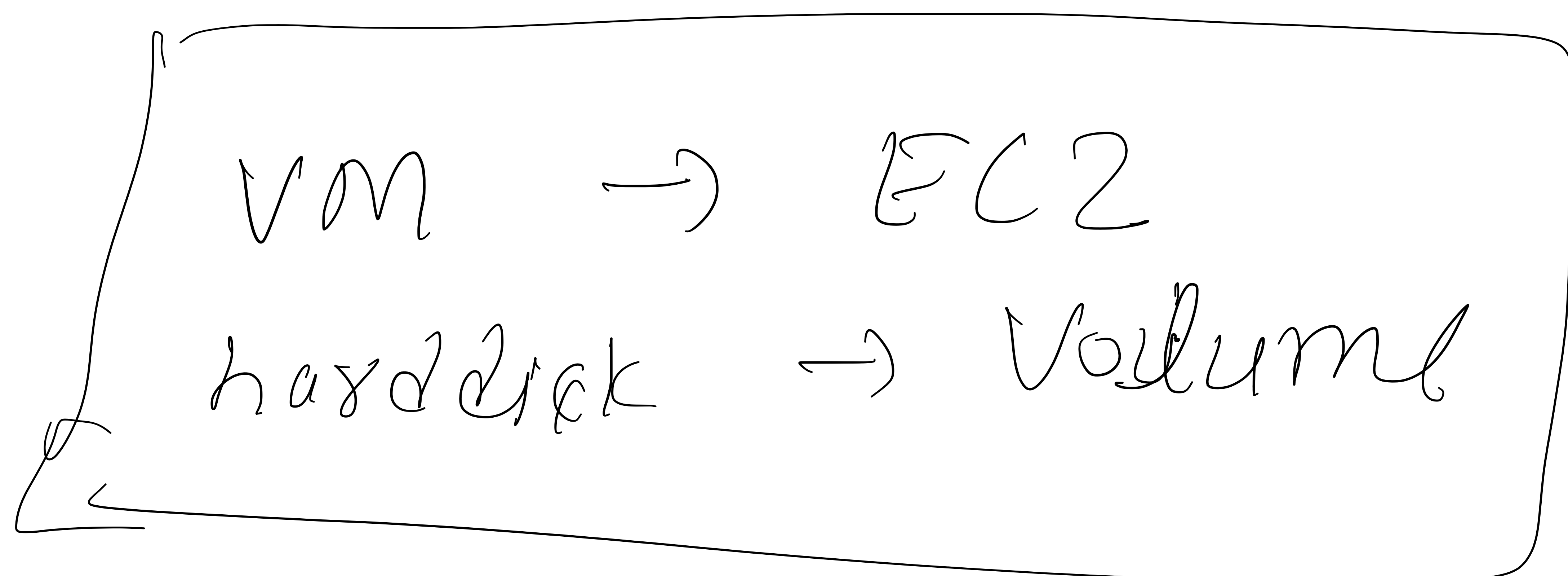


- ① pay as you go
- ② on demand scale up & scale down
- ③ fast dev/ deployment
- ④ Outsource management
 - ↳ provider handle administration
 - ↳ reliability (99.9999%)
 - ↳ Security
- ⑤ Lower cost → only pay for resources while in use.

Levels of Abstraction:-

- ① SaaS - Software as service
i.e. tableau, splunk, storm
- ② PaaS - Developer facing services
i.e. hosted database (RDS), hadoop
- ③ IaaS - Raw computing resources
↳ VM (EC2), disk (Volume)



Fire wall (OS Firewall)

- ↳ Inbound (incoming traffic)
- ↳ Outbound (outgoing traffic)

S3 (storage engine) (goog to drive)

- ↳ Bucket (Folder)