**Section 5 – Elastic Compute Cloud (EC2)**

Amazon EC2

- Most popular of AWS’ offering

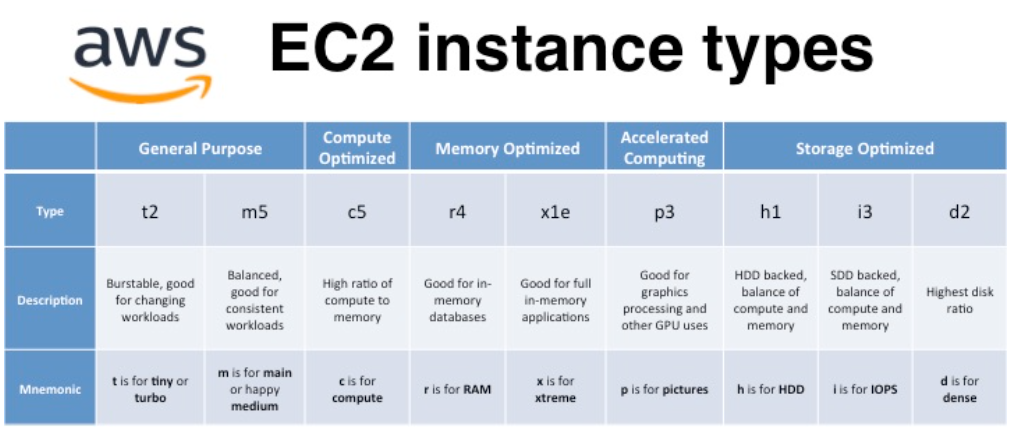
- IaaS in AWS

- Renting virtual machines, storing data, distributing load across machines, scaling the services.

Knowing EC2 is fundamental to understand how the Cloud works. Cloud is to be able to rent these compute when we need and EC2 is just that.

EC2 sizing and configuration options

* OS (Linuz, Windows, MacOS)
* CPU
* RAM
* Storage space
* Firewall rules: security group
* Network card
* Bootstratp script



Amazon Machine Image (AMI)

Has to choose the AMI: Amazon Linux 2, macOS Catalina...

Use *Quick* *Start* (AMI que já tem pronto na AWS)

>> Amazon Linux 2 AMI

Have to choose the instance type: t2.micro

Next: configure de instance details

Script: paste in User Data.

Key Pair: like na SSH key.

Rules:

- SSH

- HTTP