# AWS Notes

**Amazon EC2**

Amazon Elastic compute cloud (EC2) provides scalable computing capacity in the Amazon web services (AWS)

* Eliminates our investment on hardware and makes us to focus on develop & deployment of our applications faster
* We can make EC2 to launch as many servers as we want by configuring security, networking & storage
* Depending on the traffic, we can scale up / down to handle the incoming traffic

***Cloud Computing:***

Cloud computing is the on-demand delivery of compute power, database storage, applications and other IT resources through a cloud services platform via the internet with ‘pay-as-you-go’ pricing

* Companies like AWS take care of all the network-connected hardware required.

Types

1. Iaas (Infrastructure as a service)
2. Paas (Platform as a service)
3. Saas (Software as a service)

Iaas (Back end – Networking, data storage (sys admin things)):

Contains the basic building blocks for cloud IT and provides access to networking features, computers (virtual or dedicated hardware) and data storage space.

Paas (mid end – hardware and Operating system related things):