*Pricing module in Compute : they will price the module in three types*

*1.On Demand: How many seconds we have used that we have to pay and in on demand no contractual agreement and no commitment is taken .*

*2.Reserved : in Reserved commitment will be present .For example for 1 year they will give discount of 30 % and in 3 year they will give 60 % discount . The discounts are divided into three*

*No Upfront (NURI):No payment less discount*

*Partial Upfront (PURI):Half payment now and half payment I ill some discount .*

*All Upfront (AURI):Pay me all now and I will give all discount .*

*3. Spot: They are many instances which they are idle and any body can build up and any body can drop the server [online games ].*

*Elastic map reduced [EMR]:*

*A data input first it will go to algorithm and then it will go to master account and then it will infrastructure 1 or 2 or 3.*

*If a data input is given to infrastructure 1 and it cant take the data and server goes down then automatically it goes to next server.*

*Cloud Computing* :  cloud computing means storing and accessing data and programs over the Internet instead of your computer's hard drive. (or)

Virtual infrastructure for all use cases .

SNS: Simple Notification Service .

Cloud Watch : It will monitor the infrastructure. For Ex[CCtv camera ].

Clod Trail : it consists of flow logs and VPC logs

LOG : it will stores all the data.

Tech Refresh : Updating server (Every 5 years they will update the server).

**AWS Platform :** In Aws Platform we have 120 AWS services are API driven which we can access in 3 mediums

Console AWS, CLI (Command line interface ), Development (API: Application pgm interface & SDK :Software development Kit ).

1.Console AWS :it is a user interface to run your service , among all these three we will use mainly console .

2.Command Line Interface(CLI)

3.Deveoplemnt

**S3 Calculator :** this is used to price my storage instances .

**Requirements to run a service :**Operating Service , CPU , Ram , Storage , Data transfer .

OS generally we will use Unix and Linux.

CPU ,Ram ,Storage is used for Peak Utilization .

Data transfer is used for Network input and output .

AWS is primary layer which it will take data input and output .

Ans AWS will charge for data output 10 cents per GB .

Data input is free of cost .

**Elastic IP :** It is an internet protocol .

It of two types public and private .

Public Internet : it will not change IP address and it is static

Private Internet :it will change IP address and it is dynamic.

As of now we have two IP address

IPV4 and IPV6

For example [192.168.1.0 , 172.16.0.0, 10.0.0.0] are private IP’s and 192 or 168 or 16 or 0 is called octet and 192 is 2 power of 8.

CIDR Block :Classless Internet Domain Range :