// AWS(amazon web service) //

=> cloud computing => sharing of resources via internet(remotely)

AWS CLOUD

MICROSOFT AZURE

GOOGLE CLOUD

VM,ORACLE,ALIBABA ETC

// certificates //

aws solution architect => beg

aws Devops

aws sysops

IAAS

PAAS

SAAS

Public cloud

Private

Hybrid

Type of EC2 instances

EC2 instance => scalable computing machine

ex =4+4 => 8

EC2 = AWS

VM = Microsoft

instance store =>

ECB =>

20 instance create in region per A/C

ex= mumbai => 20

USA => 20

general purpose => Balanced memeory and ram

compute optimized => more cpu than ram

memoery " => more ram

accelerated/gpu => gameing

storage " => low latency

high memeory " => high ram ,nitro system

EC2 instance access

=> key and key pair name

public key = AWS

private key => user download only ones

RDP OR SSH(without key pair not access)

=> EBS(Elastic block storage) instance => external server

=> EC2 instance => internal server(VIP).non-persistent (RAM,CACHED DELETE)