

Q1) What is AWS & Azure?

Ans) AWS & Azure are two cloud service providers which are offered by Amazon & Microsoft respectively.

These cloud service providers offer an integrated cloud services which may be defined as Infrastructure as a Service, Software as a Service or Platform as a Service to different businesses or individuals as per pay as you go model.

Q2) How can we connect to EC2 instances?

Ans) - We can connect to EC2 instances by SSH, PuTTY or EC2 Instance Connect.

For SSH connect:

```
ssh -i <location>\file.pem username@ip
```

Q3) What is the PEM file & use of it?

Ans) PEM file is the identity file which stores cryptographic key. It is used to decode key file.

It is used by Secure Shell protocol (SSH) for operating network services securely.

Q4) What is AWS CodePipeline & ELB?

Ans) AWS CodePipeline is a fully managed, CI service offered by AWS. That helps in automating the release pipeline for fast & reliable application & infrastructure updates. Basically, it automates the build, test & deploy phase of the release process every time there is a code change.

- Elastic Load Balancer (ELB) automatically distributes

the incoming traffic across multiple target such as EC<sup>2</sup>, containers & IP address. It also monitors health of each target & sends the traffic to healthy targets.

Q5) How to copy file from local ~~server~~ to server & share the command?

Ans) So we can use SCP which is a command line utility that allows secure copy files & directories between different location

scp file.txt remote-server@IP-address:/<location>

Q6) What is S3 & CloudFront?

Ans) • Simple Storage Service (S3) is a cloud service by AWS for redundant, secure & high-availability data storage.  
• CloudFront is a content caching service by AWS which is a mechanism for increasing performance by delivering data from closest server for optimal performance