**Elastic Block Store**

**LAB - EBS (Elastic Block Storage) Volume**

A.

1. Create a new EC2 Linux instance in us-east-1a - Note Block device name in description of EC2 instance

2. Create new EBS volume in same AZ as Linux Server

3. Attach new EBS volume as additional volume to Linux Server as xvdf

4. ssh into Linux Server and configure mount

Follow below steps to mount EBS

1. df -h (disk free)

2. lsblk (Lists all block divices)

2. file -s /dev/xvdf

3. mkfs -t xfs /dev/xvdf

4. mkdir -p /mnt/xvdf\_NewVolume

5. mount /dev/xvdf /mnt/xvdf\_NewVolume

6. df -h

B.

Create Windows Server

Follow below steps to mount on windows

1. RDP into windows server
2. Search disk and open
3. Right click on disk 1 and click on online
4. Right click again and click on Initialize Disk
5. Right click again and select New Sample Volume
6. Follow screen and complete setup

- RDP and configure add volume in windows server as well.