

# Audit Course: AWS and Linux

## Assignment-Task 1

8<sup>th</sup> October, 2021

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Note:

- i. Make Necessary Assumptions
- ii. Name the instances, storage volumes created, with your name.
- iii. Mention the steps in brief with the relevant screenshots to perform the above the tasks.
- iv. After performing the above tasks, make sure to Terminate all the services used.
- v. If any document found as copy pasted then it will not be graded and it will impact the completion of AC. Make sure you complete the assignment by your understanding of the topic.
- vi. Date of Submission: 18<sup>th</sup> October, 2021

### Problem Statement:

You work for XYZ Corporation. Your corporation is working on an application and they require secured web servers on Linux to launch the application.

### You have been asked to:

1. Create an Instance in us-east-1 (N. Virginia) region with Linux OS and manage the requirement of web servers of your company using AMI
2. Replicate the instance in us-west-2 (Oregon)region
3. Build two EBS volumes (1GB Size) and attach them to the instance in us-east-1 (N. Virginia) region
4. Delete one volume after detaching it and extend the size of other volume
5. Create an EFS and connect it to 3 different EC2 instances. Make sure the all instances have different Operating System. For instance, Ubuntu, Red Hat Linux and Amazon Linux 2.