

Note : Please send all your code in one single Zip file. Name of Zip file should be <<YourName>>\_10072022\_assessment1.zip

- Create one Doc file for the first 6 questions.
- Create individual file for Q-7, Q-8,Q-9 and Q-10
- Your zip file should have 5 different files.

Q-1 Explain RTO and RPO.

Q-2 What are the major benefits of using Terraform?

Q-3 What is “in Transit” and “at rest” encryption?

Q-4 What is S3 replication? Can I select only a set of files to replicate?

Q-5 What is “Tag” in AWS?

Q-6 What is CICD?

Q-7 Create user “sethm” and assign readonly permission for Ec2,S3,SQS,SNS,Lambda and CloudWatch. Send details in the doc file for username, password and login details.

Q-8 Create S3 bucket with versioning on, setup event so whenever anyone deletes an object, you will get notification. You have to use either CLI/CloudFormation/Terraform to provision resources. Once you test, delete/destroy all resources and send code/templates.

Q-9 Create Role for Lambda service to get/access all s3 buckets and Ec2 instances operation using terraform.

Q-10 Create bucket using CLI with object lock enabled. Upload 2 files via CLI. Take screenshots of S3 buckets and send along with the CLI command.