CLOUD ASSIGNMENT
garvit.rajput@nagarro.com
EMP ID: 3202907

Scope:

This assignment focuses on setting up the infrastructure and deploying an application on AWS using specific services, such as virtual networks, subnets, VMs, RDS, Elastic Beanstalk, S3, and Lambda.

The application code deployed on the VM and Elastic Beanstalk is assumed to be an existing application created by us before, and it will be used as a demonstration for this assignment.

The database (RDS) communication is limited to the private channel, ensuring secure communication between the application and the database.

The Lambda function will trigger when a file is uploaded to an S3 bucket and will print the name of the uploaded file.

Assumptions:

It is assumed that I have basic knowledge of AWS services and their configurations.

I have access to an AWS account with appropriate permissions to create and manage the required resources.

The specific details of the application being deployed, its programming language, and any dependencies are not disclosed, as only the infrastructure requirements are provided.

The application code is assumed to be compatible with the chosen VM instance type and the Elastic Beanstalk environment.

The assignment does not include detailed implementation steps or code snippets; it focuses on the high-level architecture, component descriptions, and overall demonstration of the deployed application.