Karthick VM

Batch – CIS 1.3

Weekly Assessment 3 – AWS

You are a Cloud Administrator for a startup called LTIM, which is developing a webbased application for its clients. The goal is to host the web application on AWS using EC2 instances, store files in S3, and design a secure and scalable VPC architecture with both public and private subnets.

Questions:

1. Launch an EC2 instance with Amazon Linux 2 in a new VPC and connect via SSH.

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1. Create an S3 bucket, upload a file, and make it publicly accessible.

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3. Configure a VPC with 2 public and 2 private subnets.

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4.Attach an Internet Gateway to a VPC and update the route table to enable internet access.

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5.Create a NAT Gateway in a public subnet and configure private subnet instances to access the internet.

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6. Allocate and associate an Elastic IP with an EC2 instance.

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