Short Description about our project

Techplement -week2 Project

Team : Cloud03

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Project Details : Deploying Web Application on EC2.

Description: Deploy a web application on an Amazon EC2 instance using an appropriate programming language and web framework. Implementation: Set up an EC2 instance, install necessary software, configure security groups, and deploy the web application code. Use Elastic IP for a static IP address and Elastic Load Balancer for load balancing if required.

Primary Goal: Based on the Project Description we have decided to maintain the architecture as highly available.

**We have decided to Deploy a Shopping application**

Services Used:

**Virtual Private Cloud:**

The VPC places a role to maintain the services which are associated to that vpc should be highly secure within the region.

The Netmask of the vpc is 10.0.0.0/25

Two Availability zones and two subnets, each Az’s have one subnet

The subnet mask are 10.0.0.0/26, 10.0.0.64/26

We have configured the Internet gateway to main route table to publically accessable.

**EC2 Compute:**

Here we are using compute power service as elastic cloud compute and attaching it to the custom vpc which we have created.