



AWS ASSIGNMENT

Q1) Write steps for creation of AWS EC2 instance.

- **Steps of creating AWS EC2**
 - **Sign in into AWS account.**
 - **Go to the Services.**
 - **Then click on Compute.**
 - **Then click on the EC2 (Virtual Servers in the Cloud)**
 - **Click Launch Instance**
 - **Create Name**
 - **Then Select Operating System in (Application and OS Images (Amazon Machine Image)**
 - **Then Launch Instance.**

Q2) Write steps for creation of IAM Groups.

2) Steps of creating IAM Groups.

- **Sign in into AWS account.**
- **Go to the Services.**
- **Then click on Security, Identity & Compliance**
- **Then click on the IAM**
- **Then go to the Dashboard**
- **Click on User Groups**
- **Then Create Group**
- **Give User Group Name and Attach Permissions Policies. Ex : AmazonS3FullAccess and AmazonEC2FullAccess**
- **Then Create User Group**

Q3) Explain these topics :

- i) Load Balancing - Load balancing directs and controls internet traffic between the application servers and their visitors or clients. As a result, it improves an application's availability, scalability, security, and performance.**

- ii) Auto scaling - AWS Auto Scaling lets you build scaling plans that automate how groups of different resources respond to changes in demand. You can optimize availability, costs, or a balance of both. AWS Auto Scaling automatically creates all of the scaling policies and sets targets for you based on your preference.**

- iii) Lambda - AWS Lambda is a serverless computing service from Amazon Web Services (AWS) that allows users to run code without managing servers. Users can upload code in a supported language, and AWS Lambda will run it in response to events.**