Assignment

1. Expand IAM and explain

IAM – Identity & Access Management

IAM mainly use for to create a account for particular user for their work without access for other works.

For Example, if developer as a IAM user he only access for developing tools not for testing or any other access.

1. Explain different IAM components

The different IAM components are

Users: - Create a user with required services

Groups: - Add the similar users with same services in to one group

Roles: - To give a permission to user for assigned role.

Policies: - we can create our own custom service or we can select from already available policies for user.

1. steps to create user and login to AWS console as IAM user. Explain

Step 1: - Login to AWS console as a Root User.

Step 2: - Search for IAM service and Click on the user option

Step 3: - Click on Add user option and give a name of the user and create the password and if we want to reset password after login, we can give it or else we can uncheck that box.

Step 4: - Give all required permissions and review it and click to create user

Step 5: - Download the .csv file for accessing the console link and access and security key.

Step 6: - Open .csv file and copy the console link and paste it in browser and login using user name and password.

1. Steps to create group and add user to the groups.

Step 1: - Login to AWS console as a Root User.

Step 2: - Search for IAM service and Click on the user groups option.

Step 3: - Click on create group option and give a group name.

Step 4: - Add users who are belong that group and add policy for that group.

Step 5: - Review and Create the group.

1. Steps to create policy.

Step 1: - Login to AWS console as a Root User.

Step 2: - Search for IAM service and Click on the policy option

Step 3: - Give a name for Policy and select the service.

Step 4: - Select the access service type and select all the resource type of that service.

Step 5: - Review and Create the policy.