Activity 4:

Create an new IAM user using the root account, assign it to a group, assign the admin policy/permission to the IAM user.

Login using the IAM user, create a new user and assign it to a group to check if the permission assigned to the IAM user are working properly.

Process:

I)Firstly, using the root user, we will create a group AdminActivity, a User 21BSA10094. and then we login using the IAM user(21BSA10094).

1) Login to the AWS Console, then click on IAM.

2) Under Access Management, click on Users.

3) Under Users submenu, click on "Add Users", a new window opens up. (there are 4 steps after this

i) Step 1: Under "Specify user details"

a) Enter the user name (21BSA10094).

b) Then click on "Provide user access to the AWS Management Console - optional".

c) Then click on "I want to create an IAM user" (This will create a unique login link for the IAM user).

d) Then we click on "Custom Password" and enter the desired password.

e) Then we click on "Next".

ii) Step 2: Set Permissions (here we will create a group for the user "21BSA10094" that will grant ADMIN permissions).

a) Under User Groups, we have to click on "Create group" (AdminActivity).

b) Then click on "Create User Group".

c) Then we click on "AdminActivity".

d) Under the 'AdminActivity' tab click on 'Add Users' and then press on "21BSA10094".

iii) Step 3: Review and Create (here we can review the groups, users and also set the tags[optional])

a) Check User Details.

b) Check Permmissions Summary.

c) Add 'Tags' if needed but we will leave it empty.

d) Then we click on "Create User".

iv) Step 4: Retrieve Password: (here we can download a .CSV file that contains the password and access keys.)

4) Go back the IAM Dashboard and click on Users.

5) Creating an Alias for the Root User.

a) Under "AWS Account", We have to click on the edit option and then enter the alias for the account.

6) Proccess to login to the IAM User (21BSA10094).

a) First we have to use another browser other else we will have issues reagrding the "root user" and the "IAM user" as the "root user" will automatically be 'logged out' and be replaced by the 'IAM user'.

b) From AWS Account section we have to copy the link and then paste it in the other browser.

c) Then we are logged in on the AWS management console of the IAM user.

II) Using the IAM user (21BSA10094) we create another User\_Group (IT\_Dept) and User (FaysalEzaz).

Here the steps to be followed are the same as the above steps.

By doing this successfully we can confirm that the admin permission allocated to the IAM user(21BSA10094) are working properly.





























