Advance AWS

AWS Project- 2 (Day -8)

Student:

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Teacher:

Mrs. Vinolin Jeremiah

Course:

Advance AWS Cloud Computing with DevOps Fundamentals

Institute:

Lets Upgrade

Project 02: IDENTITY AND ACCESS MANAGEMENT (IAM)

Task 1 : Creating users without permissions-IAM password policy check

Task 2 : Creating users without the IAM password policy

Task 3 : Create a user with S3 full access

Task 4 : Create a group with EC2 full access

Task 5 : Add user to a group and check if user policy and the group policy is reflecting on the user

Task 6 : Copy policies from the existing user

Task 7 : Add user to a group in the process of creating a user

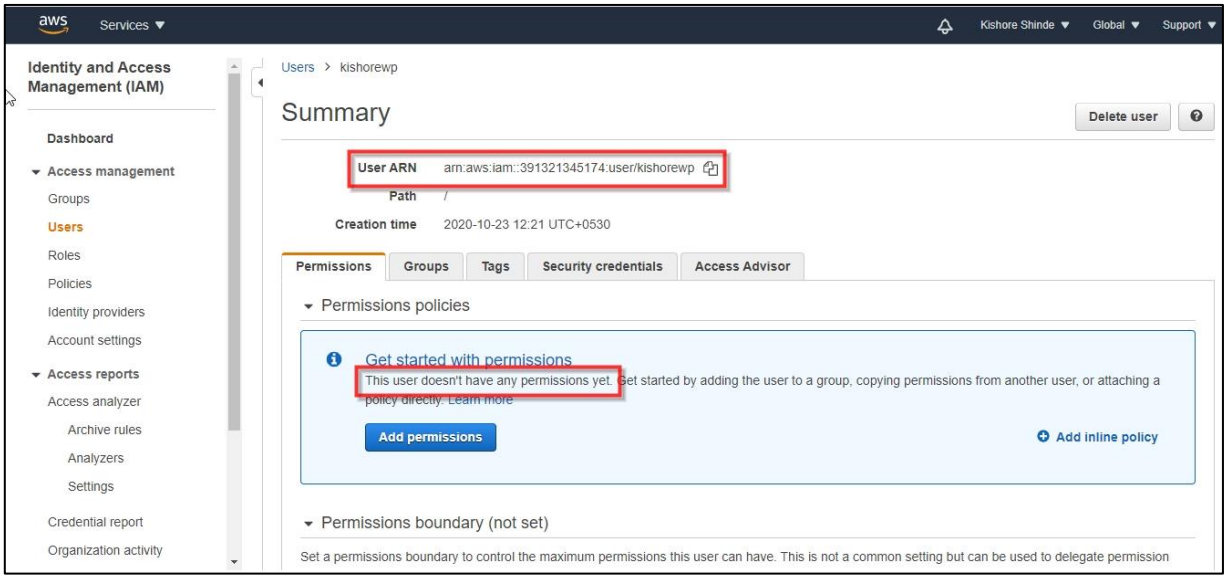
Task 8 : Setting a password policy

Task 9 : Enabling MFA and using an MFA device

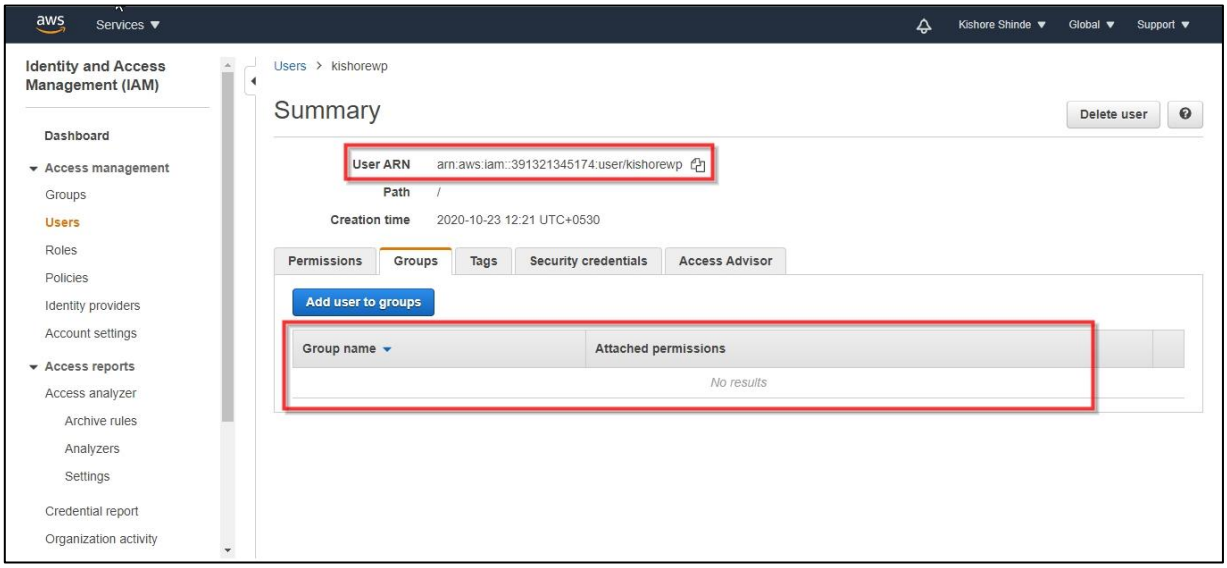
Task 1 : Creating users without permissions-IAM password policy check

SS1 : User Summary

- Permissions Tab



- Groups Tab



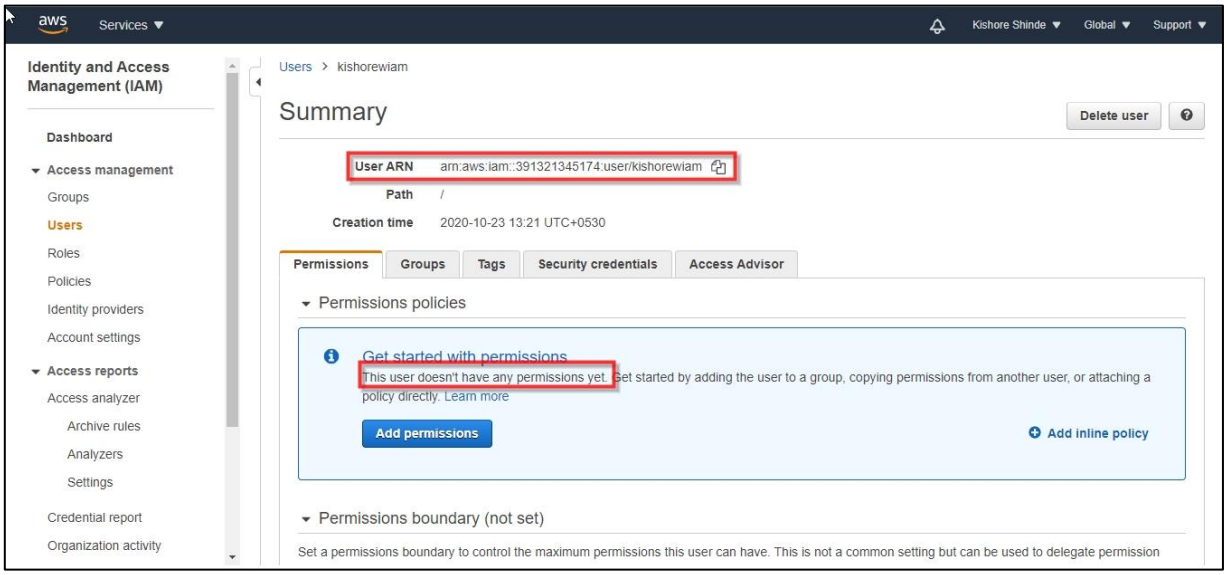
Details:

S. No.	User Name	Permissions	Groups
1.	kishorewp	None	None

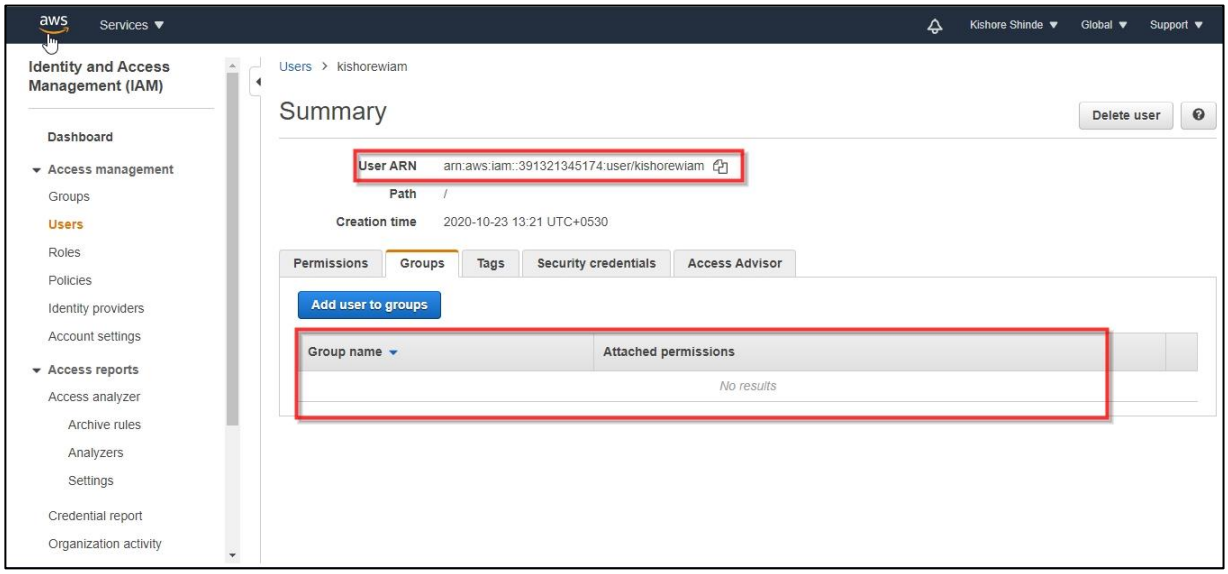
Task 2 : Creating Users without the IAM password policy

SS2 : User Summary

- Permissions Tab



- Groups Tab

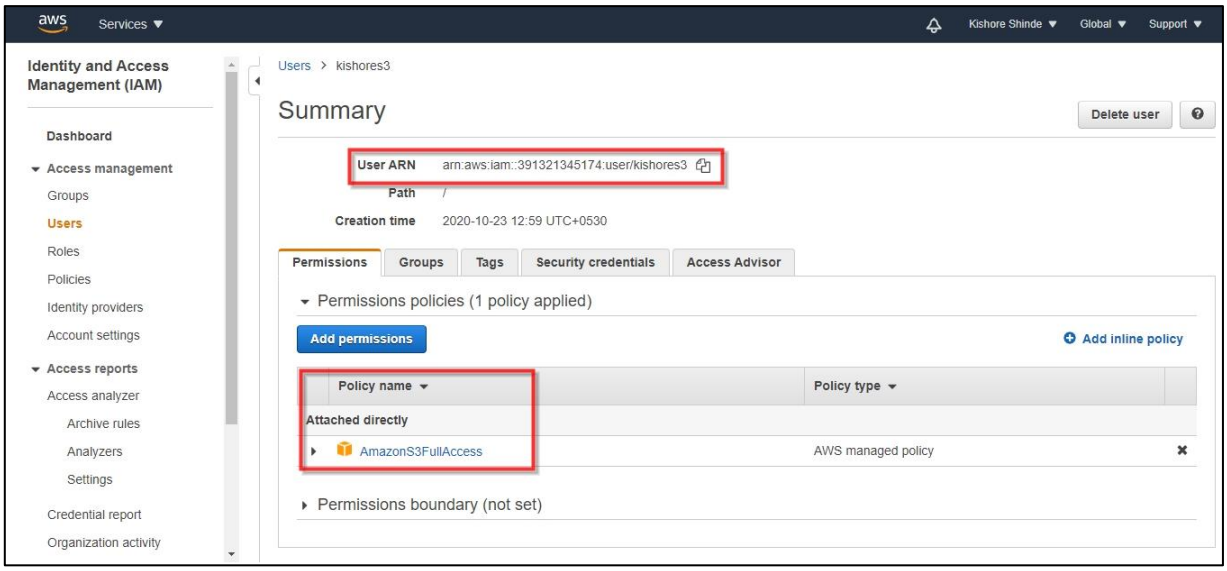


Details:

S. No.	User Name	Permissions	Groups
1.	kishorewiam	None	None

Task 3 : Create a user with S3 full access

SS3 : User Summary

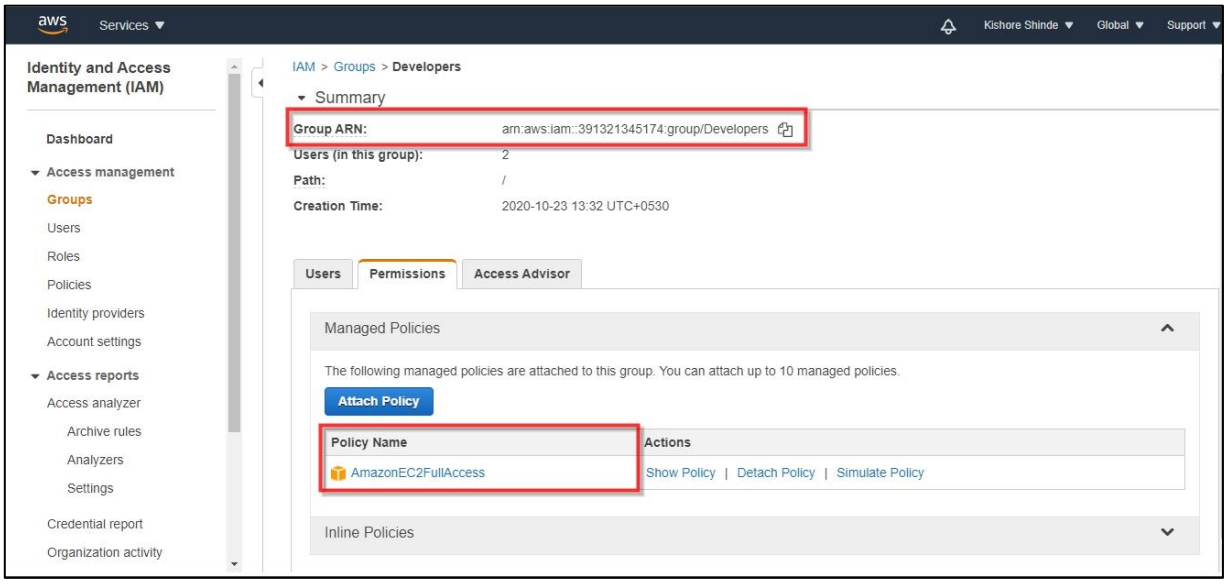


Details:

S. No.	User Name	Permissions	Policy Attached	Groups
1.	kishores3	Yes	AmazonS3FullAccess	None

Task 4 : Create a group with EC2 full access

SS4 : Group Summary



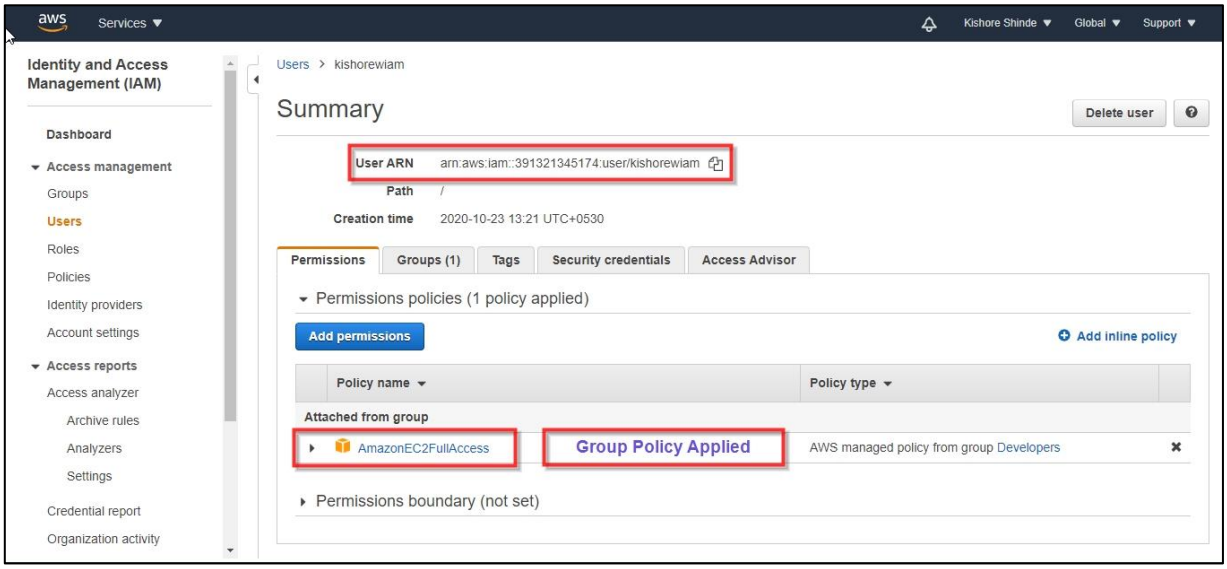
Details:

S. No.	Group Name	Permissions	Policy Attached
1.	Developers	Yes	AmazonEC2FullAccess

Task 5 : Add user to group and check if user policy and the group policy reflects on user

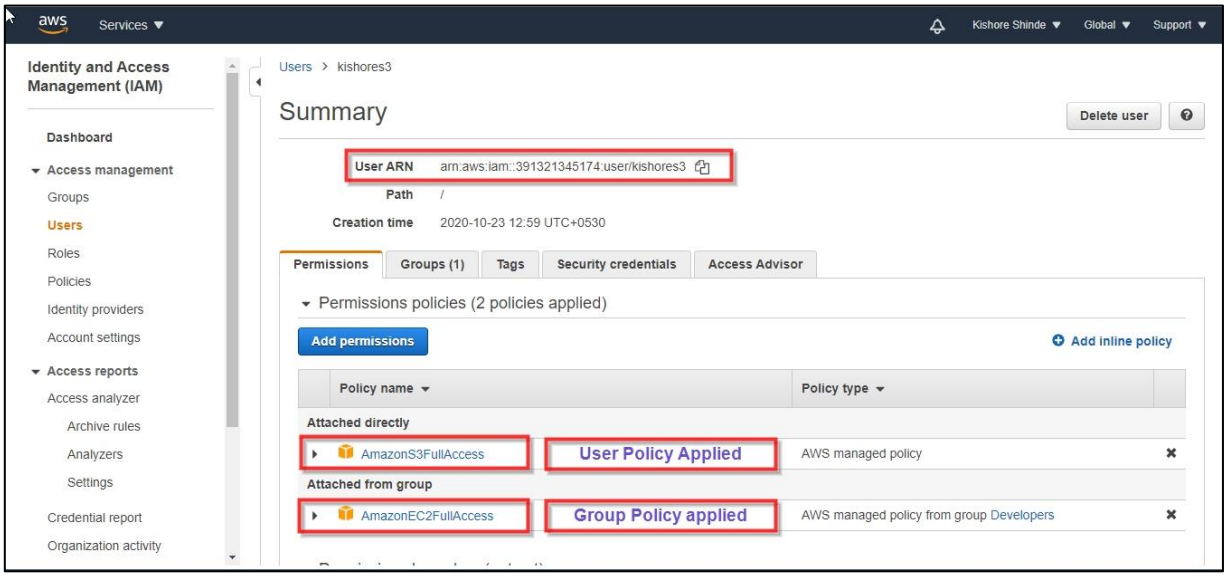
SS5 : User Summary with Permissions

- Group Policy Applied



S. No.	User Name	Group Policy	Group Policy Attached
1.	kishorewiam	Yes	AmazonEC2FullAccess

- User Policy & Group policy Applied

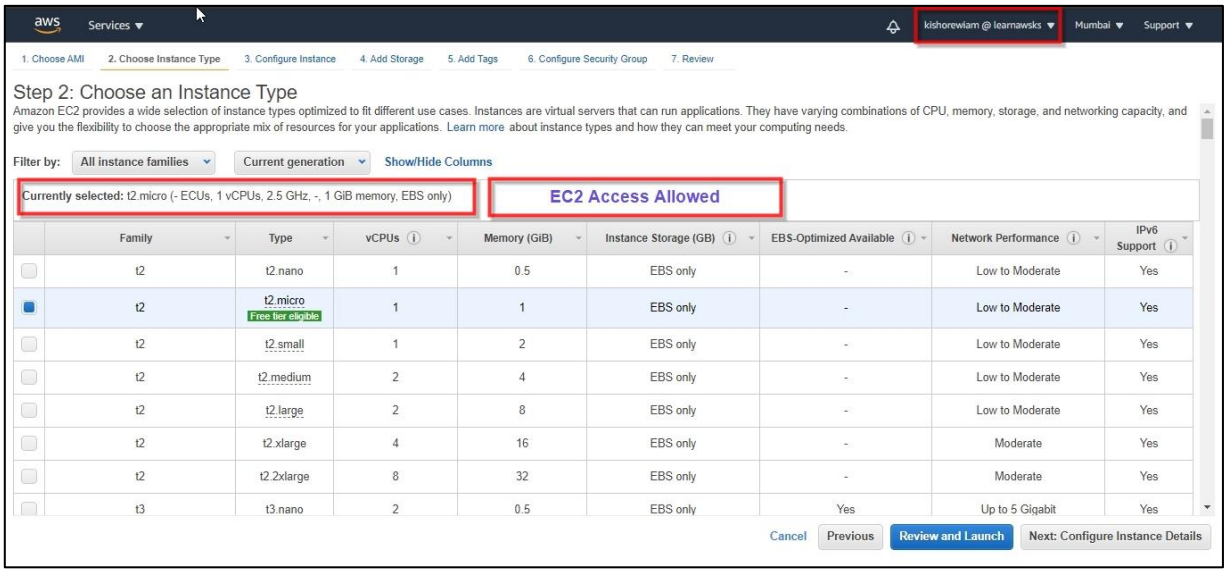


Details:

S. No.	User Name	User Policy	User Policy Attached	Group Policy	Group Policy Attached
1.	kishores3	Yes	AmazonS3FullAccess	Yes	AmazonEC2FullAccess

SS6 : Log in as user and check policy effect

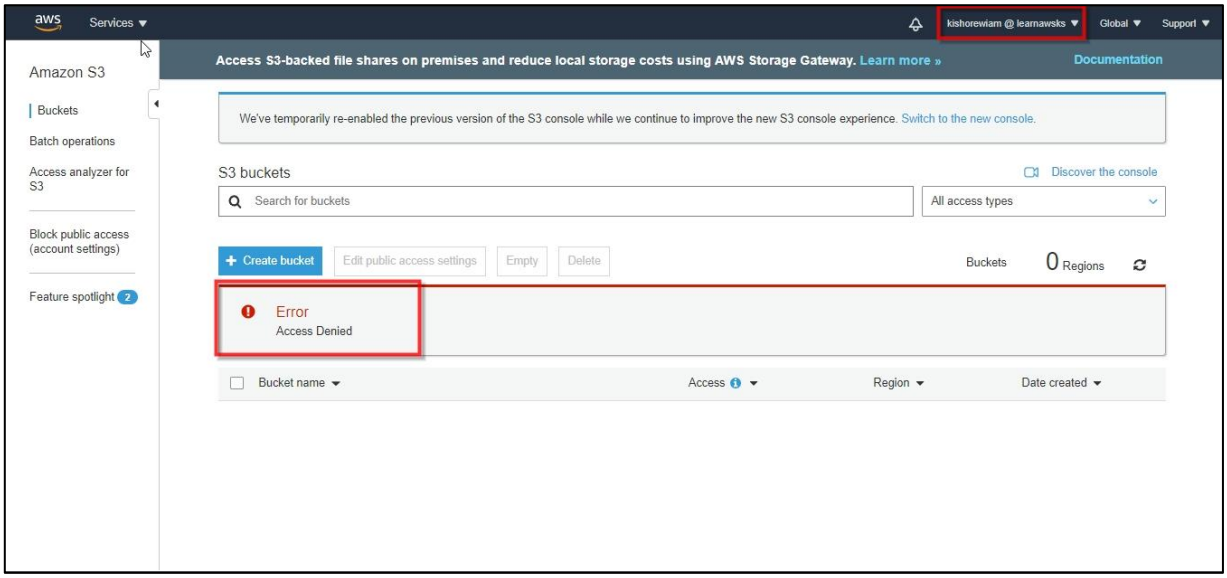
- User with Only Group Policy allowed. User Policy not allowed
    - Group policy effect



Details:

S. No.	User Name	Group Policy	Access
1.	Kishorewiam	AmazonEC2FullAccess	Allowed

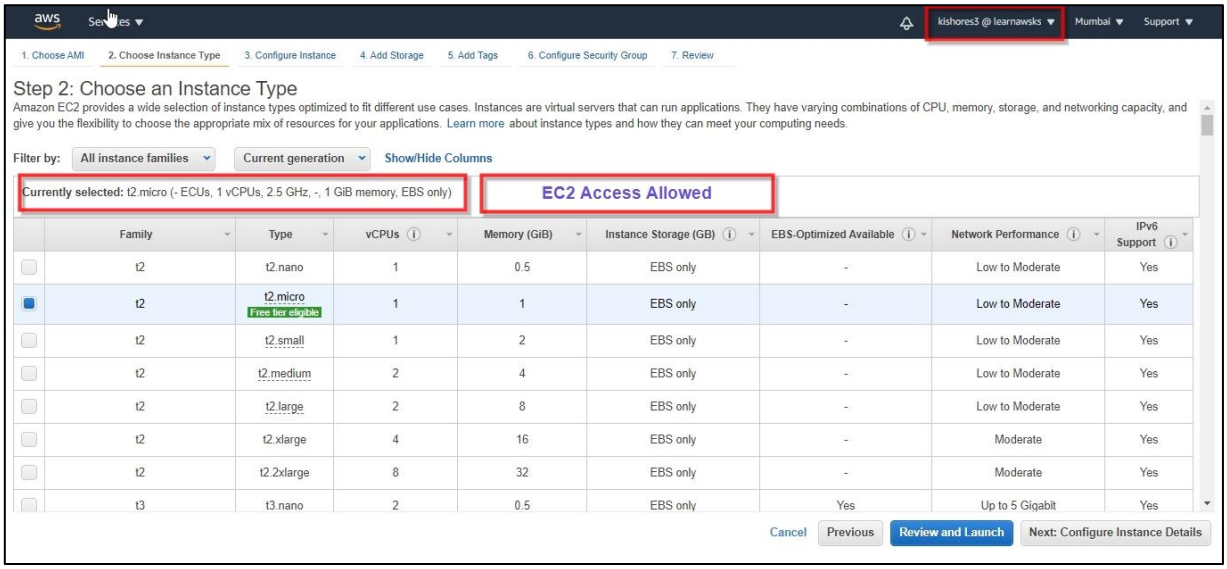
- User Policy effect



Details:

S. No.	User Name	User Policy	Access
1.	Kishorewiam	AmazonS3FullAccess	Denied

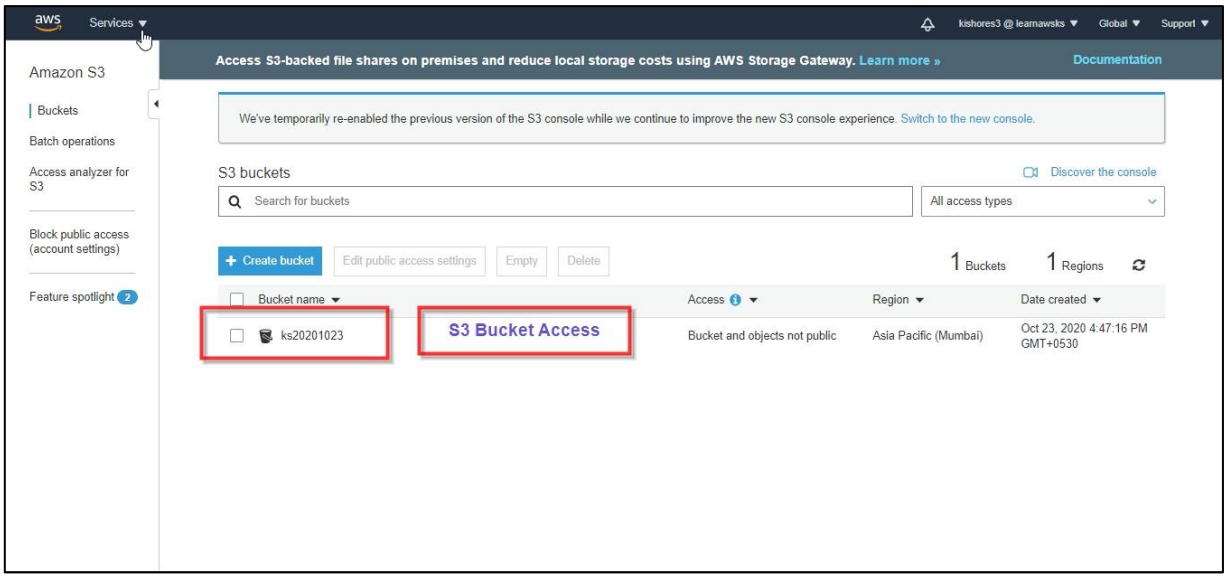
- User with Both Group Policy and User Policy allowed
    - Group Policy Effect



Details:

S. No.	User Name	Group Policy	Access
1.	kishores3	AmazonEC2FullAccess	Allowed

    - User Policy Effect

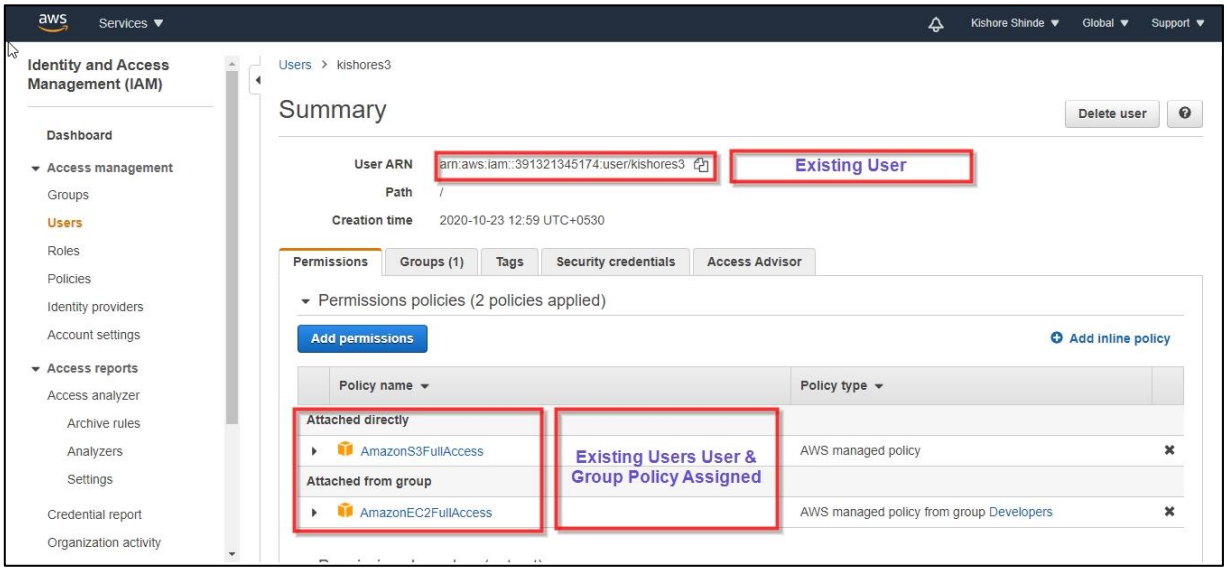


Details:

S. No.	User Name	Group Policy	Access
1.	kishores3	AmazonS3FullAccess	Allowed

Task 6 : Copy Policy From Existing Users

SS7 : Attach User Summary of existing user

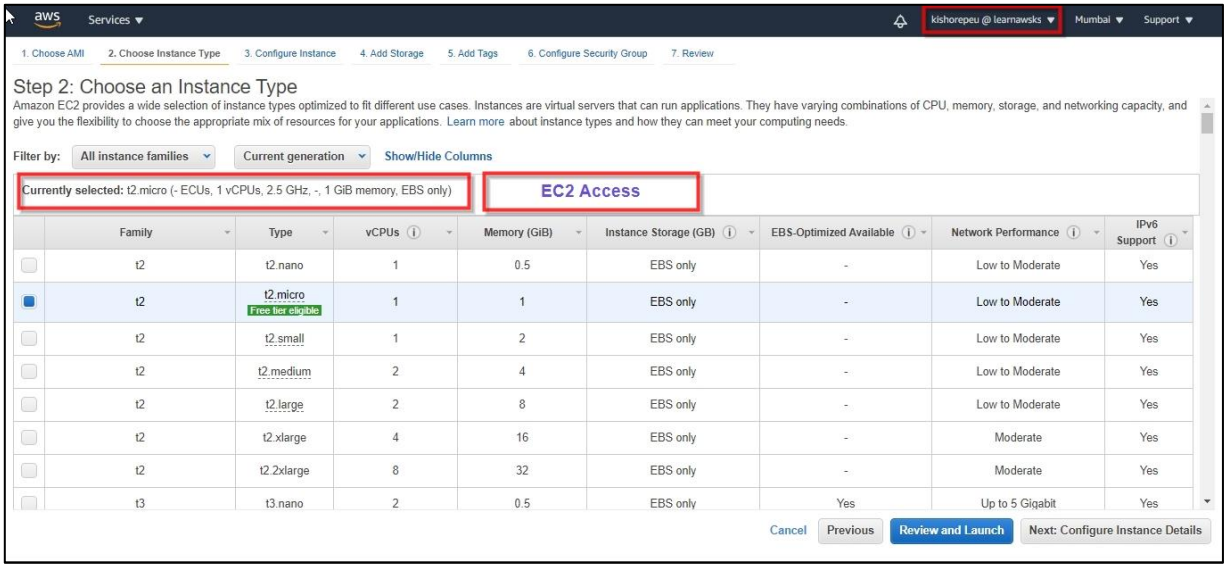


Details:

S. No.	Existing User	User Policy	Group Policy
1.	kishores3	AmazonS3FullAccess	AmazonEC2FullAccess

SS8 : Login in as new user and Policy Effect

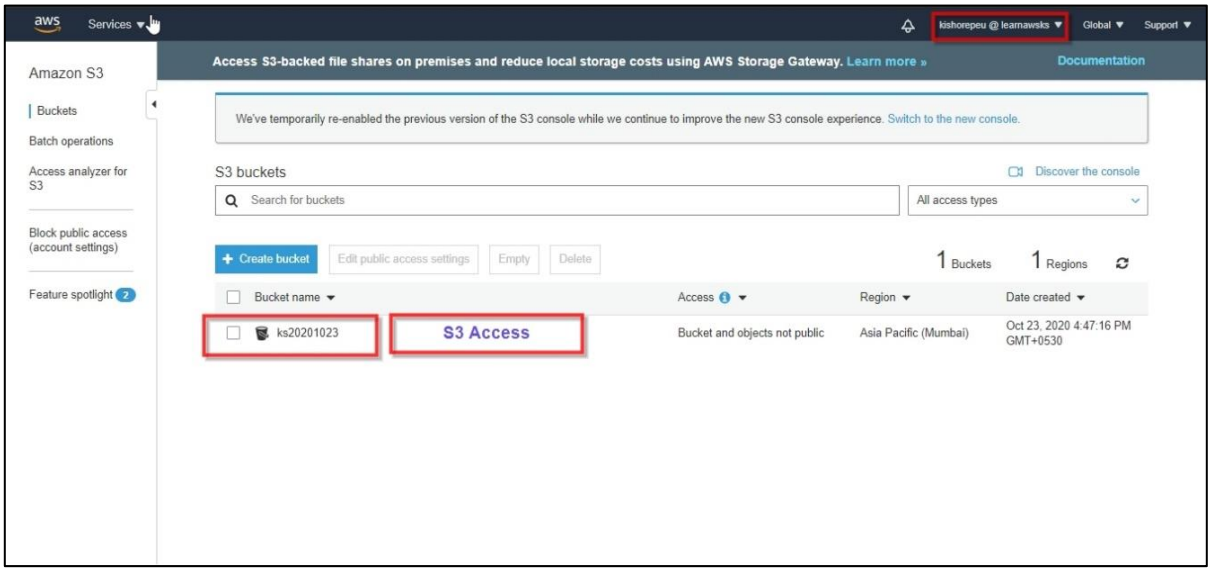
- EC2 Access



Details:

S. No.	User Name	Group Policy	Access
1.	kishorepeu	AmazonEC2FullAccess	Allowed

- S3 Access



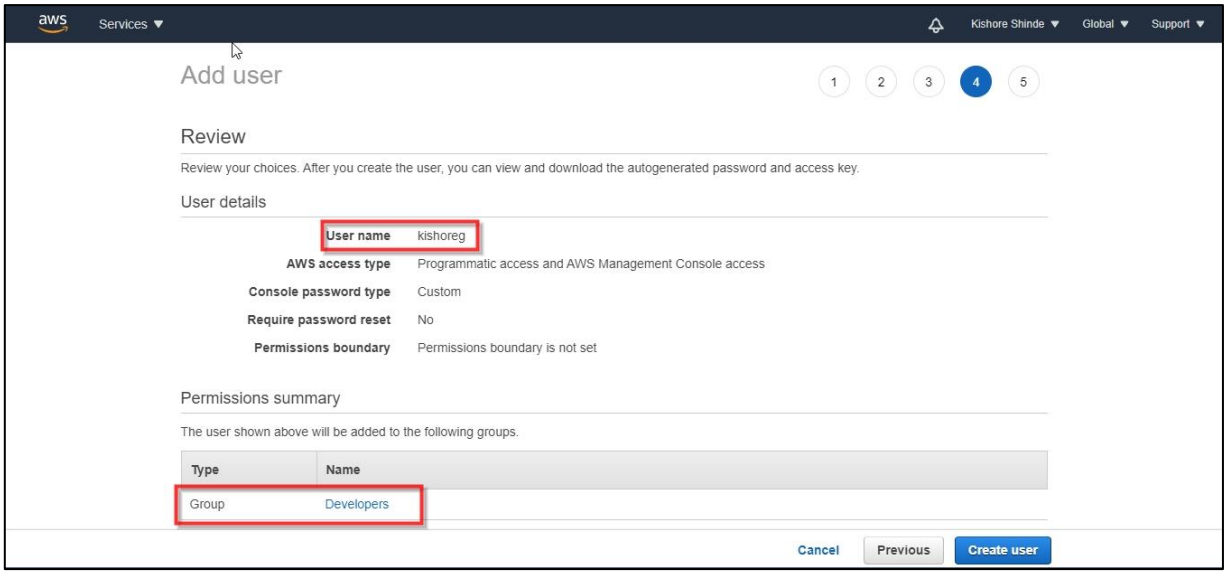
Details:

S. No.	User Name	User Policy	Access
1.	kishorepeu	AmazonS3FullAccess	Allowed

Note : Both Policies in effect- Access Allowed

Task 7 : Add User to group in process of creating user

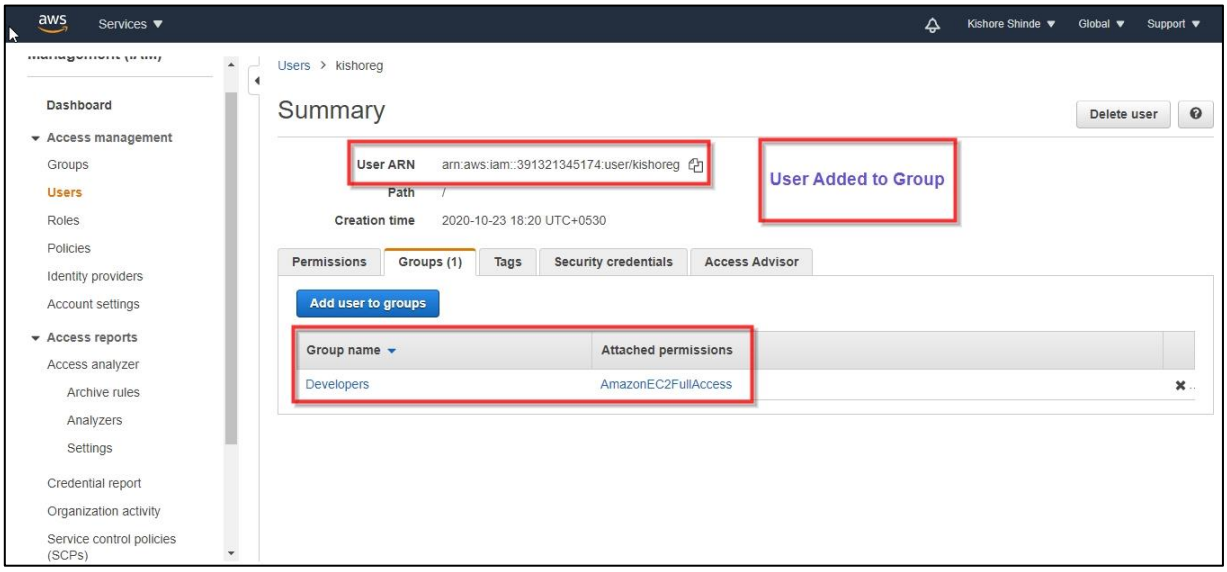
- Add User to Group



Details:

S. No.	User Name	Group Name
1.	kishoreg	Developers

- User Added to Group

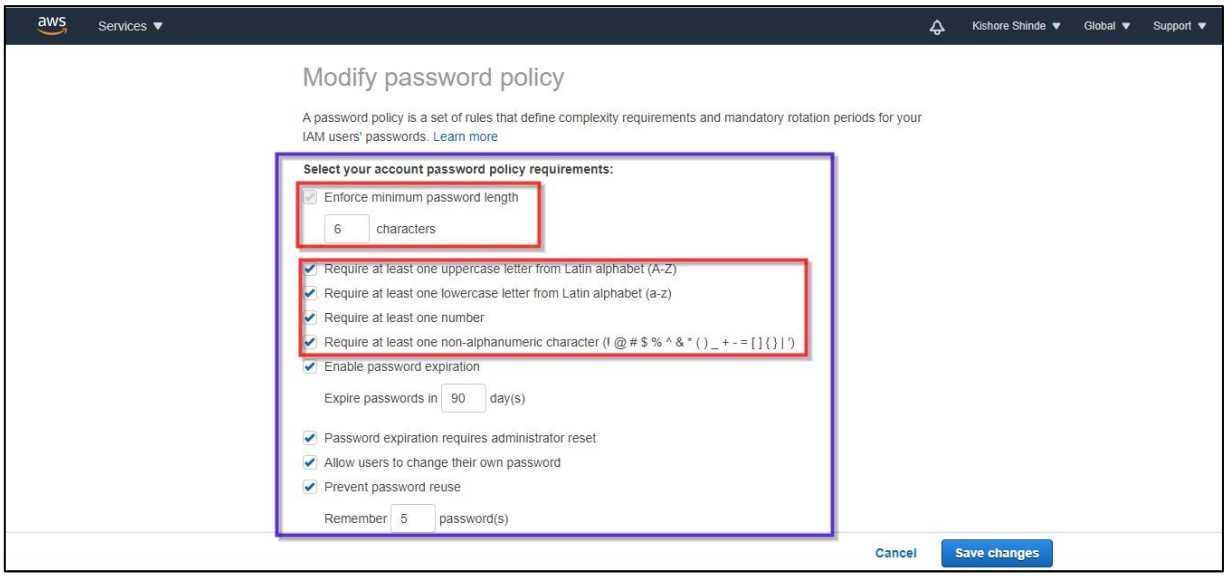


Details:

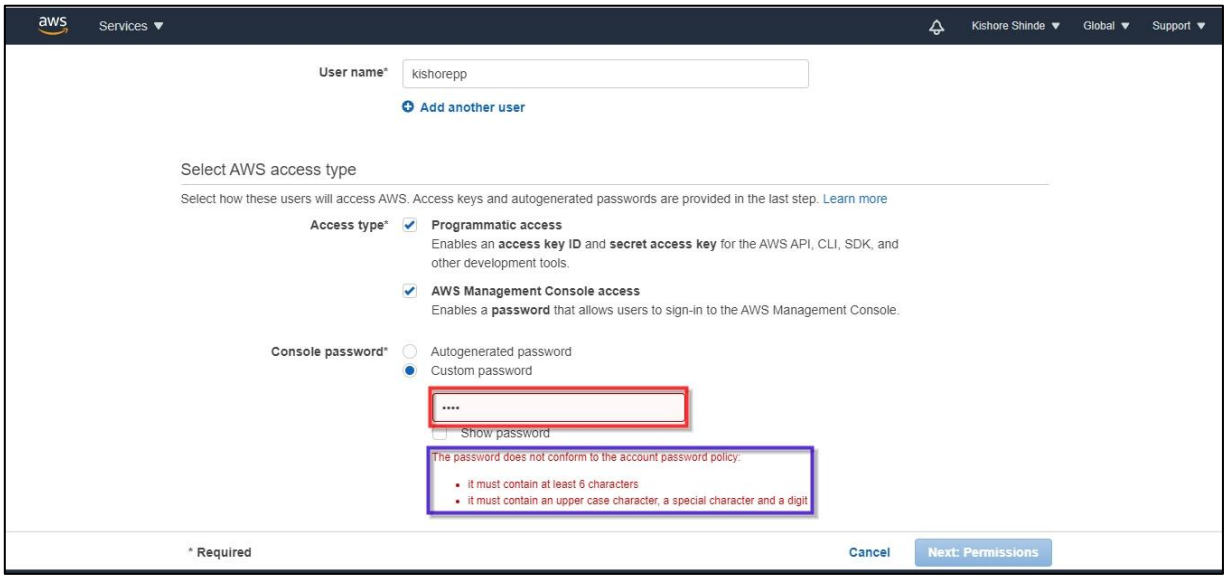
S. No.	User Name	Group Name	Permissions Attached
1.	kishoreg	Developers	AmazonEC2FullAccess

Task 8 : Setting a Password Policy

SS9 : Password Policy Screen



SS10 : Password Incompatibility Error



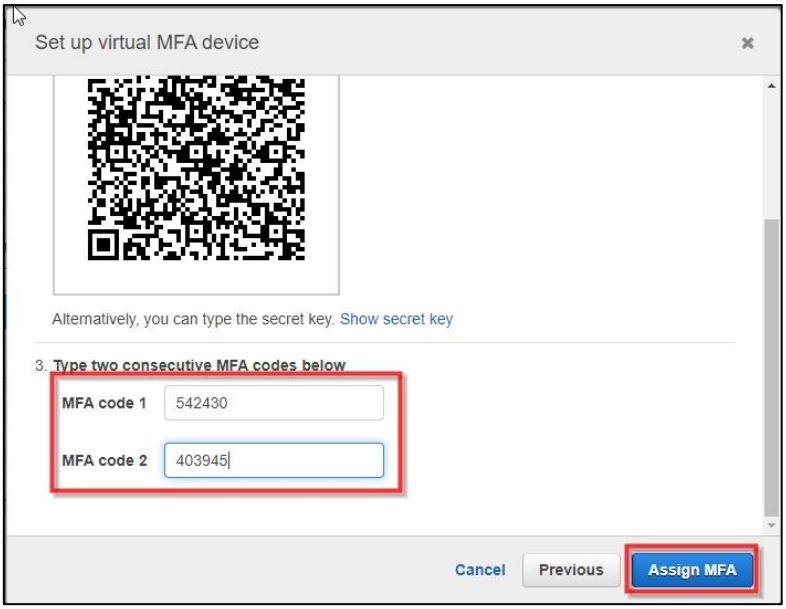
Details:

S. No.	User Name	Incompatibility Error
1.	kishorepp	• It must contain atleast 6 characters • It must contain an upper case character a special character and a digit

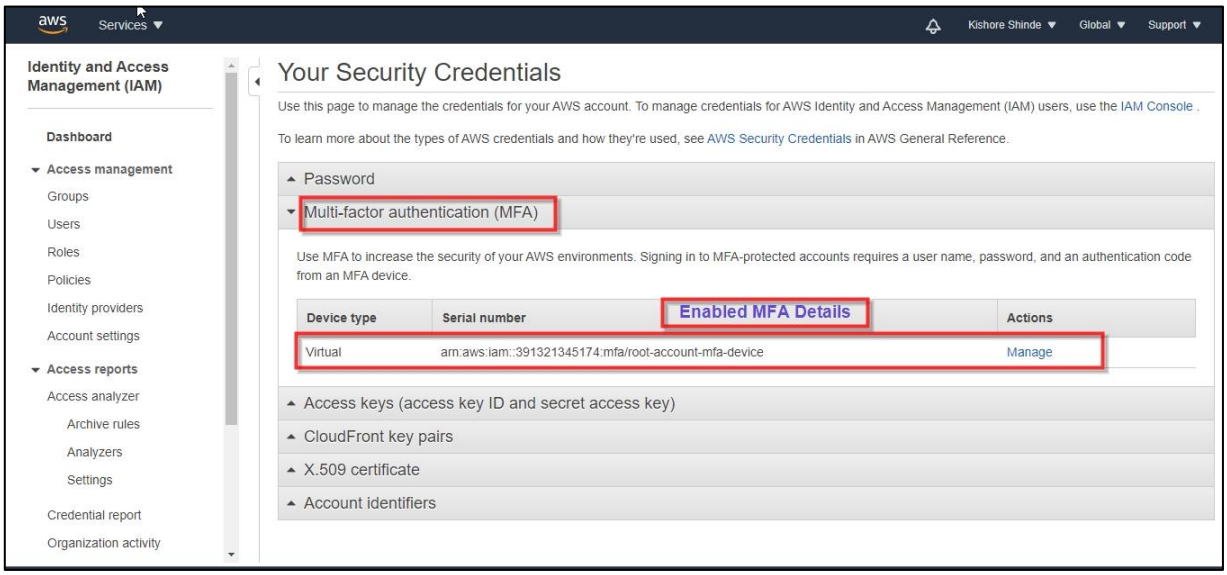
Task 9 : Enabling MFA and using an MFA Device

SS11 : Enable MFA

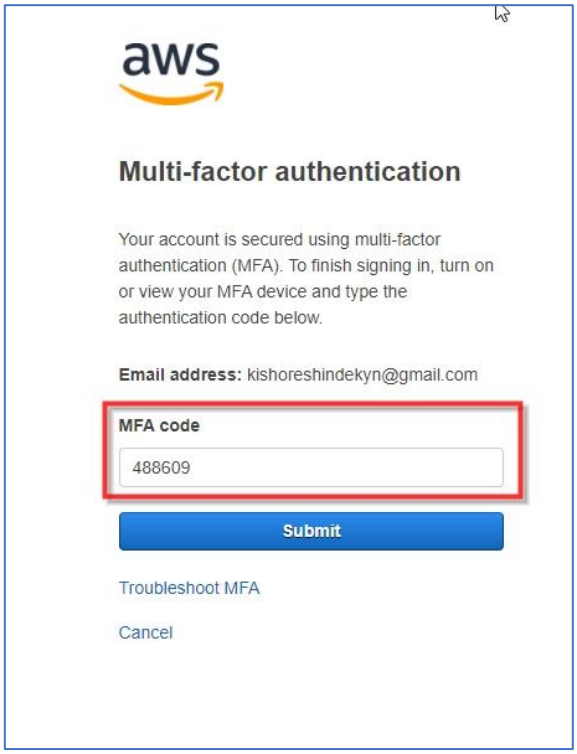
- Assign MFA



- MFA Enabled



SS12 : Login Screen For MFA



Project 2 Ends Here