Advance AWS

AWS Project- 2 (Day -9)

Student:

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Teacher:

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Course:

Advance AWS Cloud Computing with DevOps Fundamentals

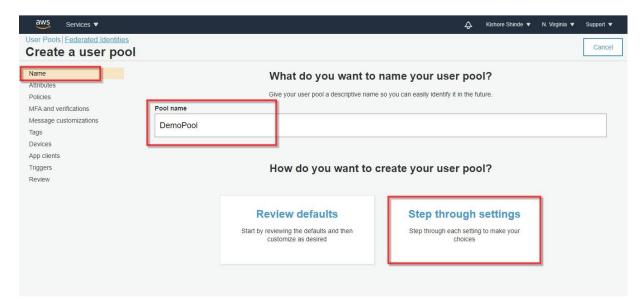
Institute:

Lets Upgrade

Project 2: CREATING USER POOL IN AWS COGNITO

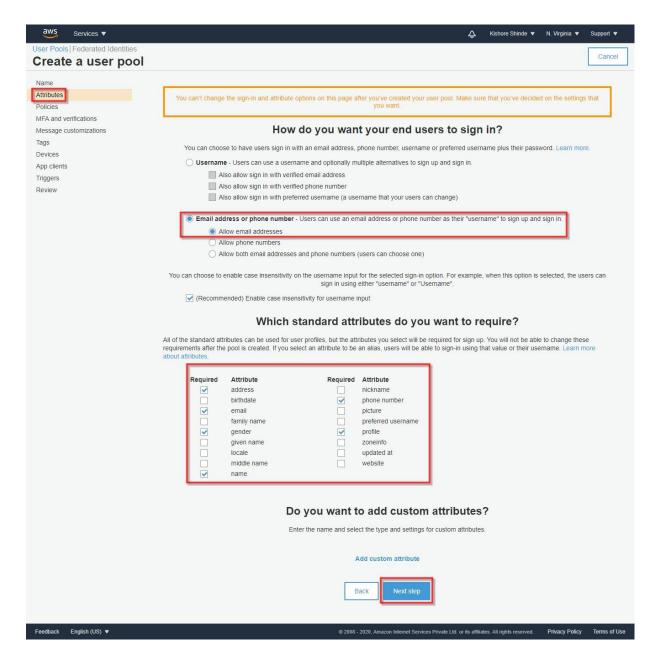
- Navigate to AWS Cognito and select it
- Click on Manage User Pools
- Click on Create a User Pool

SS1: Create a User Pool



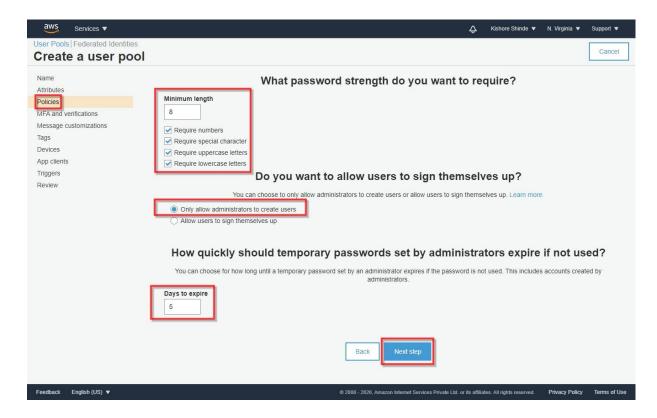
- In Name section, enter Pool Name "DemoPool"
- Click on Step through Settings

SS2: Attributes



- In Attributes Section, select how the user will sign-in using User name or Email Address or Phone Number
- For now, Select Email address or phone number option and under that select
 "Allow email address"
- Now select the standard attributes that will be required for user profile that will be required for sign up.
- Select address, email, gender, name, phone number, profile, you can select even other attributes or create custom attributes.
- Click on Next Step

SS3: Policies

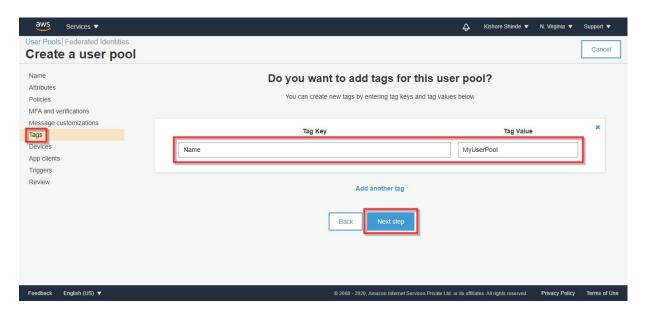


- In Policies Section, we can first set the password Strength, enter Minimum length and can add the required parameters like numbers, special character, uppercase or lower-case letters.
- You can choose Only allow administrator to create users or Allow users to sign themselves up. As a good practice Select Only allow administrators to create users.
- As an administrator you can configure when the temporary passwords will expire, enter days in Days to expire.
- Select on Next Step

MFA and Verifications section, Multi-factor Authentication increases the security for the users. Phone numbers must be verified if MFA is enabled. Choose **off** and go ahead.

Message customizations section, you can send emails using Amazon SES, for now leave it blank and go ahead.

SS4: Tags



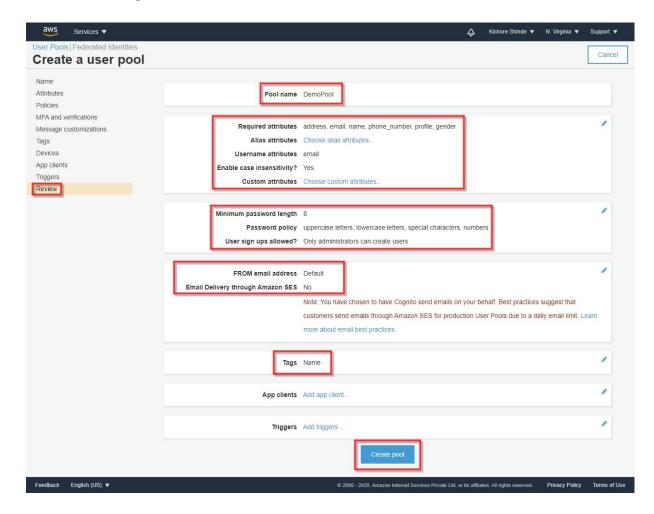
- In Tags Section you can add tags for this user pool
- Add Tag, in Tag Key enter "Name" and in Tag Value enter "MyUserPool"
- Click on **Next step**

In **Devices** Section, we can choose to remember our User's devices. Select **No** and go ahead.

In **App clients** Section, the app clients we add will be given a unique ID and an optional secret key to access this user pool. We are not using any App client so go ahead.

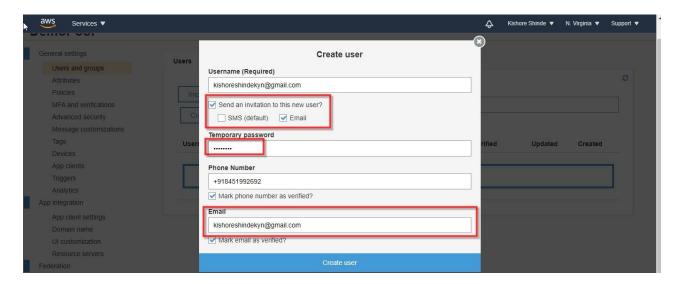
In **Triggers** Section, we can make Advanced customizations with AWS Lambda functions and trigger different events and customize workflows and user experience.

SS5: Review Page



- Review all the entered or selected settings and click on Create pool
- You will get a message Your user pool was created successfully
- On the Top left, you can see you are in the user pool you have created.
- Click on the Users and Groups Section here you will be able to create the Users and Groups

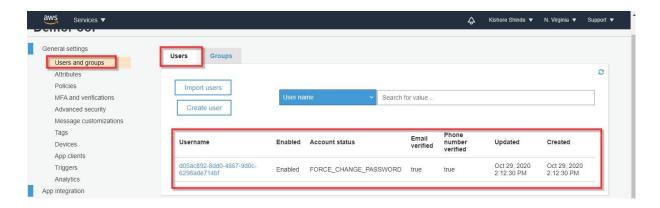
SS6: Create User Page



- Enter the Username
- You can select to Send an invitation for new user through SMS or Email, select
 Email.
- Enter Temporary password
- Enter the Phone Number
- Enter Email Address

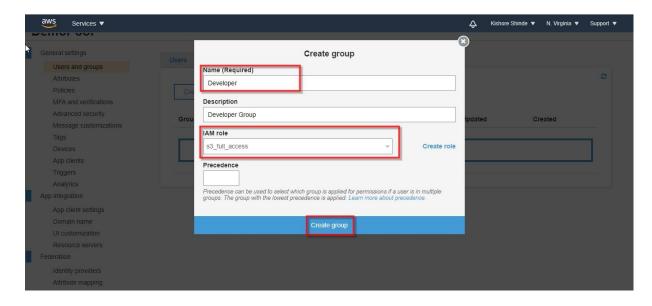
If you have selected **Send and invitation to the new user** a SMS or Email will be sent to him, depending upon your selection. In our current case a mail will be sent to the user on email entered.

• Users List



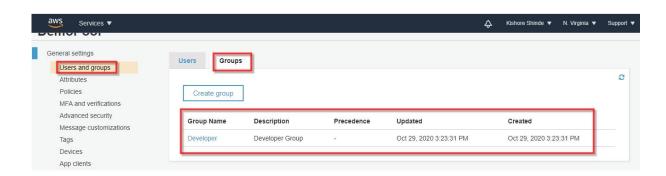
- Displays list of users

SS7: Create Group



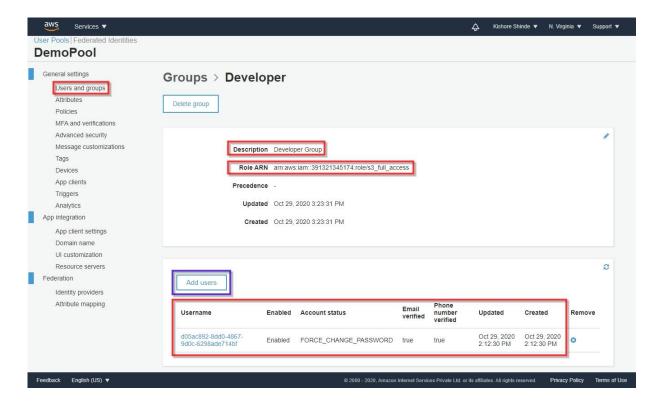
- Enter the Name for the Group "Developer"
- Enter the Description "Developer Group"
- Select the IAM role "s3_full_access". The user belonging to this group will have S3 full access.
- Click on Create group

Groups List



- Displays list of groups

Add User to Group



You add user to the Groups:

- In the **Groups** select the **Developer group**
- In Description you will see description details and, in the Role ARN you will see the role attached to this group
- Click on **Add users** and add the users to this group

Now the added user will have all the permissions of the role attached to this group.

xxx---Project 2 Ends Here--xxx