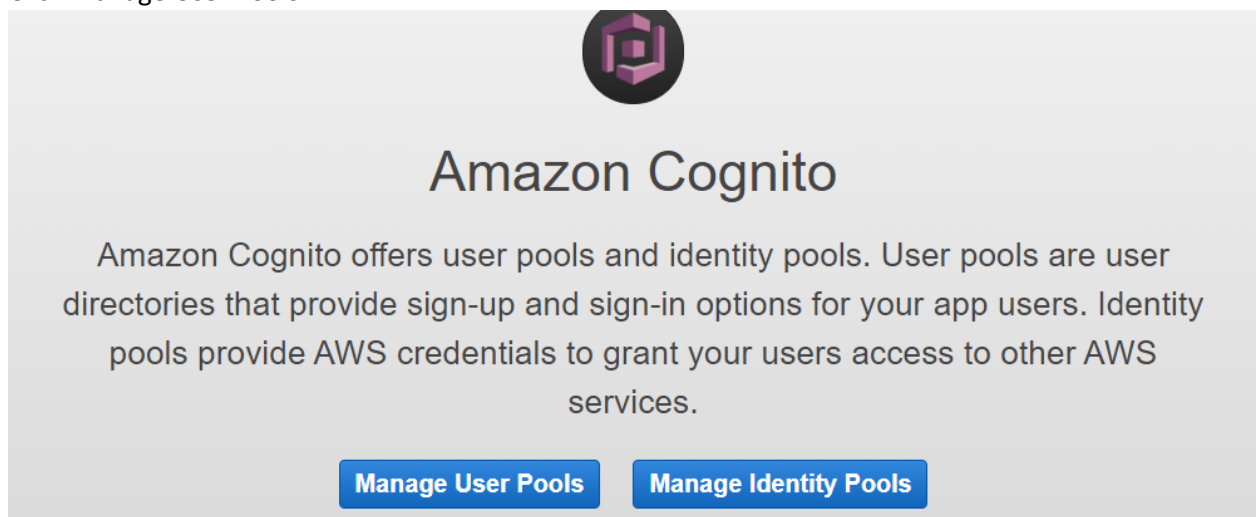


1. Click Manage User Pools.



2. Enter a name for the pool.

The screenshot shows the 'Name' step of the Cognito User Pool creation wizard. On the left is a sidebar with navigation links: **Name** (highlighted), **Attributes**, **Policies**, **MFA and verifications**, **Message customizations**, and **Tags**. The main area has the heading **What do you want to name your user pool?** and a subtext: "Give your user pool a descriptive name so you can easily identify it in the future." Below this is a text input field labeled **Pool name** with the text **apppool** entered.

Click Step through settings.

3. Select Username radio button as shown.

You can choose to have users sign in with an email address, phone number, username or preferred username plus their password. [Learn more.](#)

☒ **Username** - Users can use a username and optionally multiple alternatives to sign up and sign in.

☐ Also allow sign in with verified email address

☐ Also allow sign in with verified phone number

☐ Also allow sign in with preferred username (a username that your users can change)

4. Add extra attributes required to register and sign-in with the same into cognito.

Required	Attribute	Required	Attribute
<input type="checkbox"/>	address	<input type="checkbox"/>	nickname
<input type="checkbox"/>	birthdate	<input type="checkbox"/>	phone number
<input checked="" type="checkbox"/>	email	<input type="checkbox"/>	picture
<input type="checkbox"/>	family name	<input type="checkbox"/>	preferred username
<input type="checkbox"/>	gender	<input type="checkbox"/>	profile
<input type="checkbox"/>	given name	<input type="checkbox"/>	zoneinfo
<input type="checkbox"/>	locale	<input type="checkbox"/>	updated at
<input type="checkbox"/>	middle name	<input type="checkbox"/>	website
<input type="checkbox"/>	name		

5. Click

Next step

6. Set Password policy.

Minimum length

☒ Require numbers

☐ Require special character

☐ Require uppercase letters

☒ Require lowercase letters

Next step

7. Click
8. Move to next step, as we are not setting MFA authentication for user.
9. Move to next step, as we are not customizing email messages.
10. You can set tags here.

Next step

11. Click
12. If token are generated for devices, do you want to remember user's devices?

Do you want to remember your user's devices?

Click

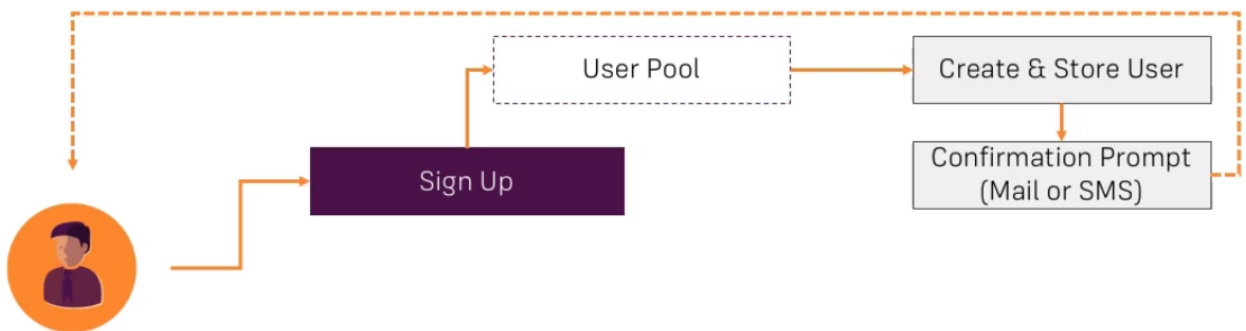
13. Click on [Add an app client](#).

14. Enter app client name and de-select Generate client secret.

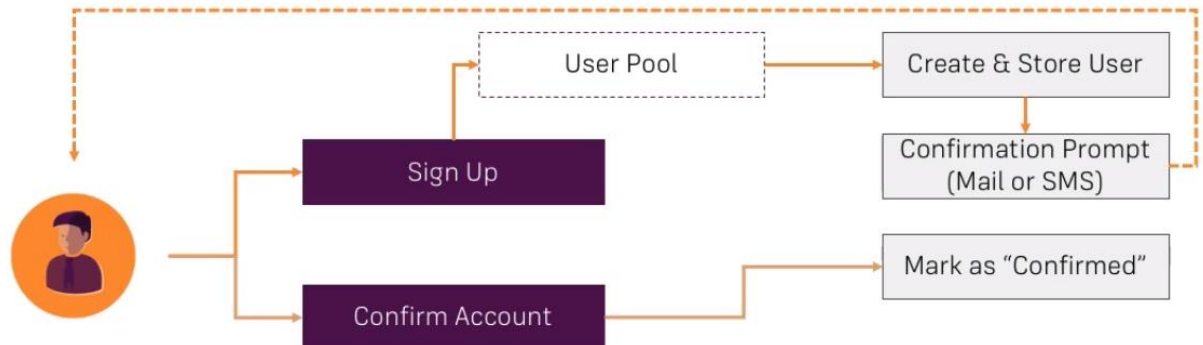
App client name
clientapp
Refresh token expiration (days)
30
<input type="checkbox"/> Generate client secret

15. Theory - Auth Flow Configuration selection.

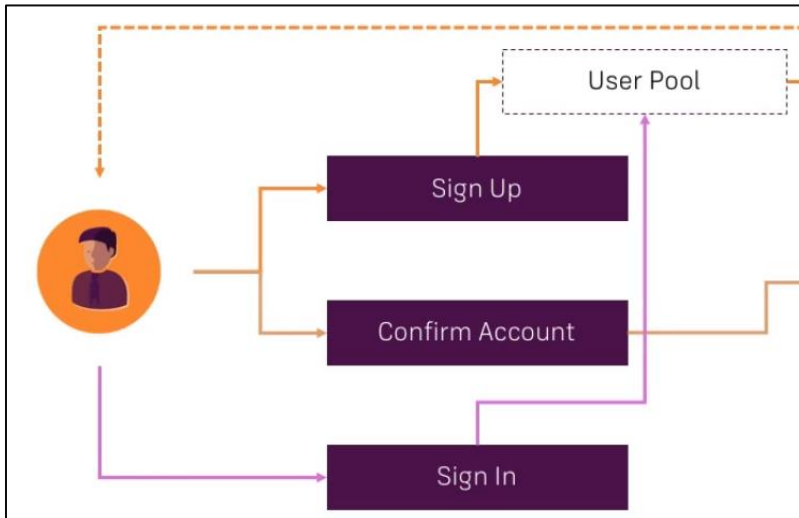
Step 1: Register on User Pool



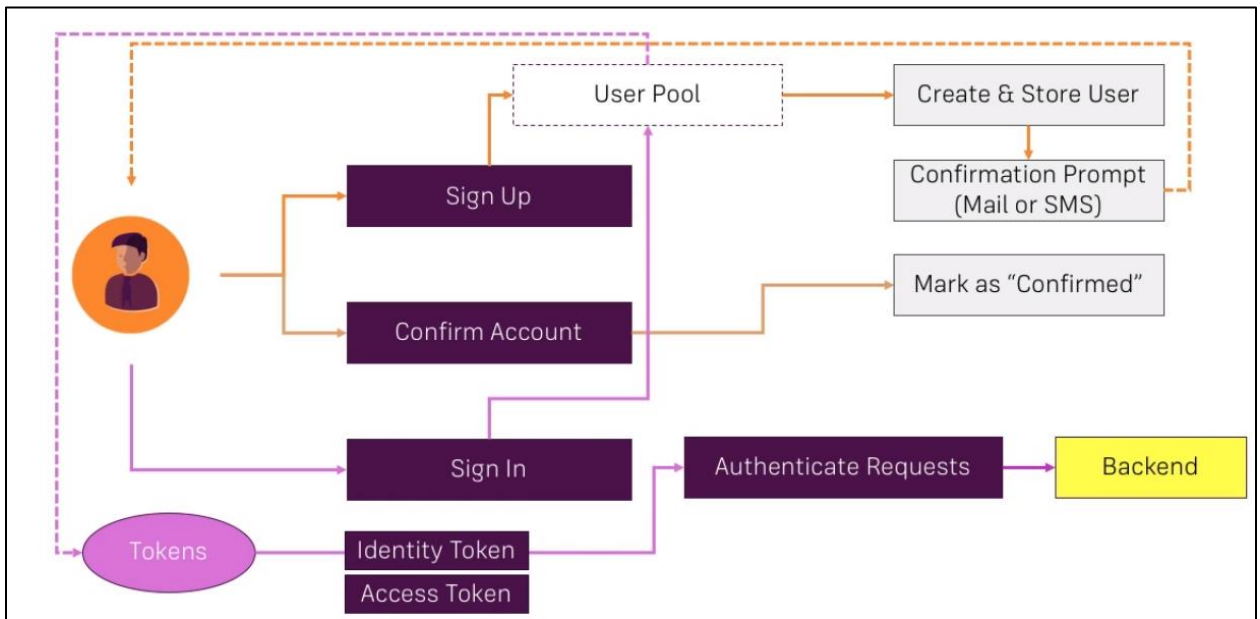
Step 2: User confirmation



Step 3: User Sign into user pool.



Step 4: Generate of tokens from Cognito and identity token received from User Pool is sent further to the application in request.



16. Select ADMIN API to authenticate user.

Configuring User Pool in Cognito Service

Auth Flows Configuration

☒ Enable username password auth for admin APIs for authentication (ALLOW_ADMIN_USER_PASSWORD_AUTH) [Learn more.](#)

☐ Enable lambda trigger based custom authentication (ALLOW_CUSTOM_AUTH) [Learn more.](#)

☐ Enable username password based authentication (ALLOW_USER_PASSWORD_AUTH) [Learn more.](#)

☐ Enable SRP (secure remote password) protocol based authentication (ALLOW_USER_SRP_AUTH) [Learn more.](#)

☒ Enable refresh token based authentication (ALLOW_REFRESH_TOKEN_AUTH) [Learn more.](#)

Prevent User Existence Errors [Learn more.](#)

☐ Legacy

☒ Enabled (Recommended)

Create app client

17. Click

18. Click Next Step as we have not selected any Lambda functions.

Create pool

19. Click

20. The user pool details will be shown.

General settings

- Users and groups
- Attributes
- Policies
- MFA and verifications
- Advanced security
- Message customizations
- Tags
- Devices
- App clients
- Triggers
- Analytics

Your user pool was created successfully.

Pool Id ap-south-1_X9Q9GcEHX

Pool ARN arn:aws:cognito-idp:ap-south-1:610128583488:userpool/ap-south-1_X9Q9GcEHX

Estimated number of users 0

Required attributes email

Here you can see the Pool ID.

21. Click App Clients from the left menu to view client ID.

MFA and verifications	
Advanced security	clientapp
Message customizations	
Tags	App client id
Devices	1fq4bhdgors46e4ldpfv2m945d
App clients	
Triggers	Show Details
Analytics	