AWS - Salesforce Integration

2. AWS TO SALESFORCE [No Code Approach]

Use case: Fetching data from AWS dynamodb table to salesforce sObjects.
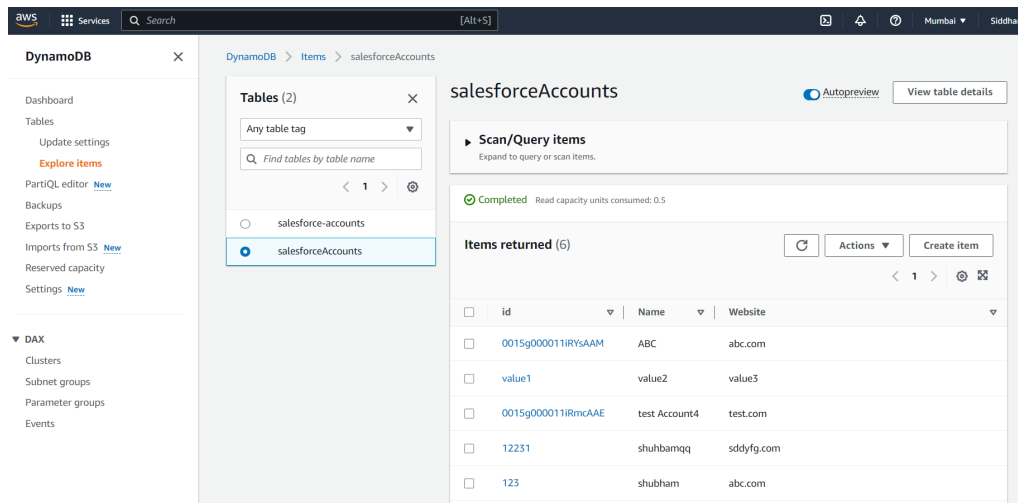
This can be achieved using [external data sources](#) and [external objects](#) in the salesforce.

AWS Setup :

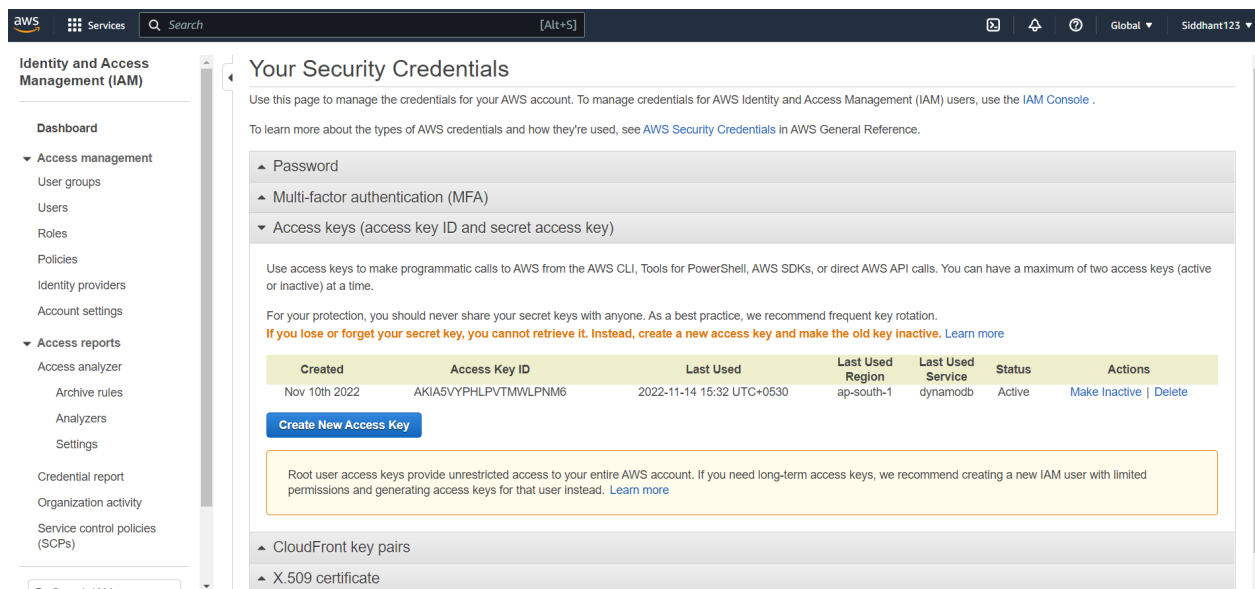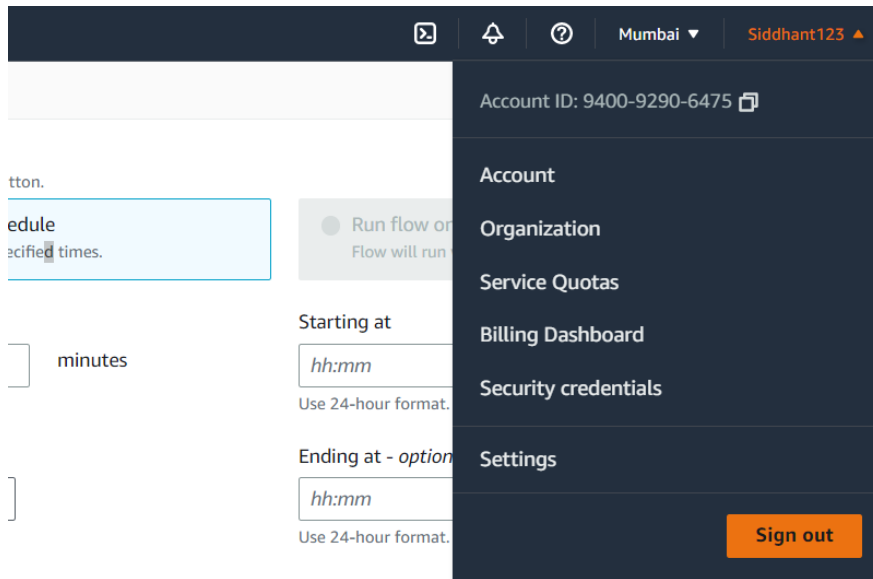i.Create a dynamoDB table

Search dynamodb in the search bar and select DynamoDB.

Create a table with fields [id, name, website]

To connect salesforce with aws, we need aws credentials like,

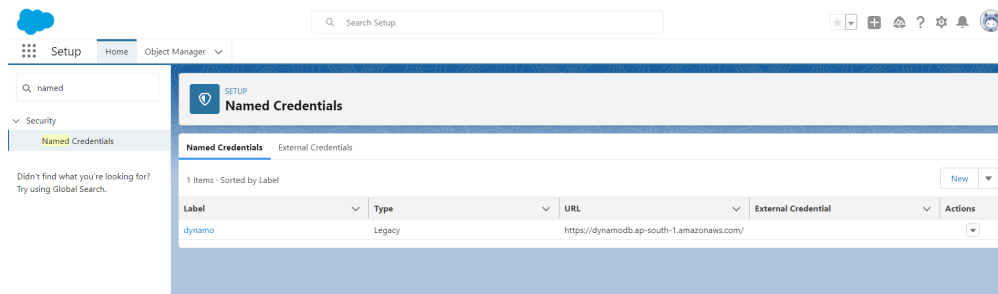URL, region, Access key id, Access secret key

Go to security credentials -> Access keys to get the required creds

Salesforce Setup

ii. Create Named Credential to store AWS credentials

Go to setup->Security->Named Credentials

Select 'new legacy', update the label and URL
Url will be **https://dynamodb.<your-region>.amazonaws.com**
Select the Identity type as 'Named Principal' and Authentication protocol
'AWS Signature Version 4'

iii. Create External data source
Go to setup -> search 'external data source'->new external data source
Select type - Amazon Dynamodb
In Named Credentials, select the creds we created in the last step and
save.

iv. Create External Object
Go to setup -> search 'external Object'->new external Object
Select External Data Source and provide the table name. The table name
will be the dynamodb table name we created in AWS.
Make sure you create a tab for external object so that we can see records.

Create fields for the external Object same as we have in the dynamoDB
table in AWS.

Now, go to the external data source, select your data source and click
validate and sync

Select the data source and click 'sync'

SETUP
External Data Sources

Validate External Data Source: Dynamo Data Source

Confirm that you can connect to the external system, and synchronize its schema with your Salesforce org.

« Back to External Data Source: Dynamo Data Source

Name	Dynamo_Data_Source
External Data Source	Dynamo Data Source
Status	Success

Sync

Sync in background ☐

Select	Table Name	External Object Name	Label	Plural Label	Synced
☑	salesforceAccounts	External_Account	External Account	External Accounts	☑

<< < > >> Page 1 of 1 Go

Once the sync is complete search for the external object and you will see the records from the aws dynamodb table.

External Accounts
All ▾ 📌

6 items • Filtered by All external accounts • Updated a few seconds ago

		Name	Display URL	
1	☐	ABC		▾
2	☐	value2		▾
3	☐	test Account4		▾
4	☐	shuhbamqq		▾
5	☐	abc		▾
6	☐	Test		▾

By this way, we can fetch AWS Dynamo records in Salesforce.

External Account
ABC

Related   **Details**

Name
ABC

Website
abc.com