Day 29 - 30th Aug 2025

Overview of AWS DynamoDB

Step 1:

Create an account as root user in Amazonaws

Step 2:

SDK install (JDK nee to be there)

Open cmd in the same location where you installed SDK

java -Djava.library.path=./DynamoDBLocal\_lib -jar DynamoDBLocal.jar -sharedDb

Step 3:

NoSQl workbench - DynamoDB

Task 01:

Above installation Process

Task 02:

Create a table in NoSQL workbench - DynamoDB

Task 03:

Create different connections with different nos and see if it works … (also commit table to the DynamoDB.

Task 04:

AWS CLI:

<https://docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html>

After downloading MSI… install and then in cmd check for AWS version no

AWS - -Version

After AWS CLI setup is done … the ss is as below

In the search open AWS CLI

The amazon cli .. bin folder will be there in C:/programfile/amazon/awscli/bin..

Plz set the path in env..

(juz as you used to do for java)

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creating table using cli

aws dynamodb create-table

--table-name Employee

--attribute-definitions

AttributeName=Empname,AttributeType=S

AttributeName=Address,AttributeType=S

--key-schema

AttributeName=EmpDesig,KeyType=HASH

AttributeName=Empno,Keytype=RANGE

--billing-mode PAY-PER-REQUEST

--table-class STANDAED

CAP theorem

Info Box

Excalidraw updated at 10.35

<https://excalidraw.com/#json=nnj6SG4x2DK356NAcSFCb,0O5S81_CQ3JJ04U97ovWlg>

<https://excalidraw.com/#json=DpBTUUGx-krHIG1-lHCPD,p-YiqSUbwf4_uuyhjP0d2Q>

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DynamoDB amazon SDK for java

<https://docs.aws.amazon.com/sdk-for-java/v1/developer-guide/examples-dynamodb.html>

Instead of above link use below link for version 2

<https://docs.aws.amazon.com/sdk-for-java/latest/developer-guide/home.html>

Direct link to down load:

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/DynamoDBLocal.DownloadingAndRunning.html#DynamoDBLocal.DownloadingAndRunning.title>

Extract the zip fle

In the cmd

Go to the location where you have extracted dynamolocal and

type:

java -Djava.library.path=./DynamoDBLocal\_lib -jar DynamoDBLocal.jar -sharedDb

No SQL workBench for DynamoDB

<https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/workbench.html>