Installation Guide for SNS, Lambda, DynamoDB deployment using Terraform.

Prerequisite:

1. Terraform v1.5.0
2. Access key, Secret Access key and Region are configured from CLI

Installation Steps:

Step1: The scr directory has python script which we will upload to lambda function.

Step2: In base directory we have main.tf file which contains terraform code to implement sns, lamdba and dynamodb.

Step3: In base directory run the following commands.

* terraform init
* terraform plan
* terraform apply -auto-approve

Once the above script is implemented following things will be created

1. SNS Topic

A screenshot of a computer

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1. Lamdba Function

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1. Dynamodb table

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1. To Test the above code, we will publish the message to sns
   1. Search for sns in amazon search box
   2. The following dashboard will appear.

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* 1. Click on topic and the following dashboard will appear.

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* 1. Click on Publish message and specify subject, message and message attributes.

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* 1. Once you publish the message you will see the details in dynamodb
     1. To see the details search dynamodb in search bar
     2. The click on explore items
     3. You will see the following output.

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1. To clean the above implement the following

* Terraform destroy