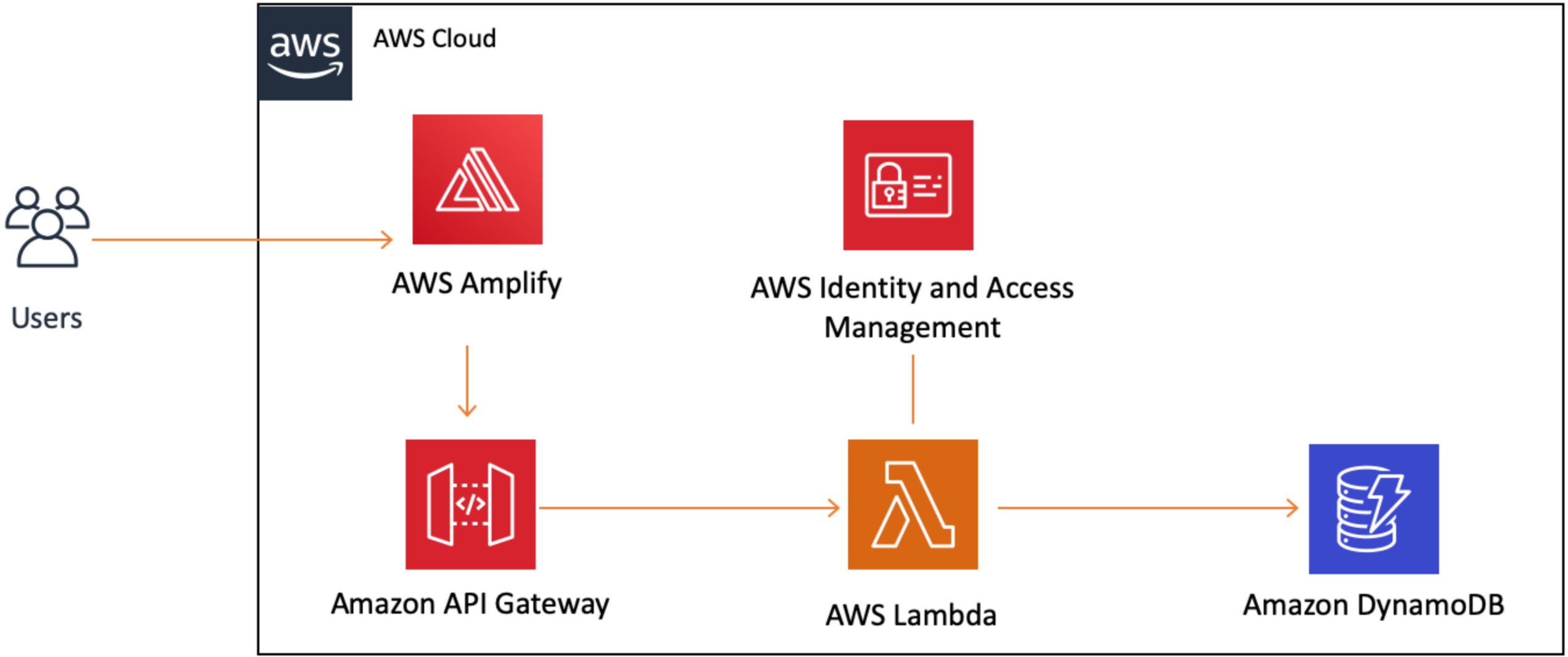

AWS Cloud
Users
AWS Amplify
AWS Identity and Access Management
Amazon API Gateway
AWS Lambda
Amazon DynamoDB

App Overview | Ampl | To the Power of Math | PowerOfMathFunctio | PowerOfMathFunctio | API Gateway - Resou | Items | Amazon Dyna | ChatGPT

ap-south-1.console.aws.amazon.com/amplify/apps/d2udev89vcefkj/overview

aws | Services | Search [Alt+S] | Mumbai | ABOLI SHINDE

All apps / PowerOfMath2 / Overview

Support | Docs

PowerOfMath2

- Overview
- Hosting
- App settings

PowerOfMath2

Visit deployed URL

App ID: d2udev89vcefkj

Production branch

Dev >

Deployed

Deploy updates

Domain
https://dev.d2udev89vcefkj.amplifyapp.com

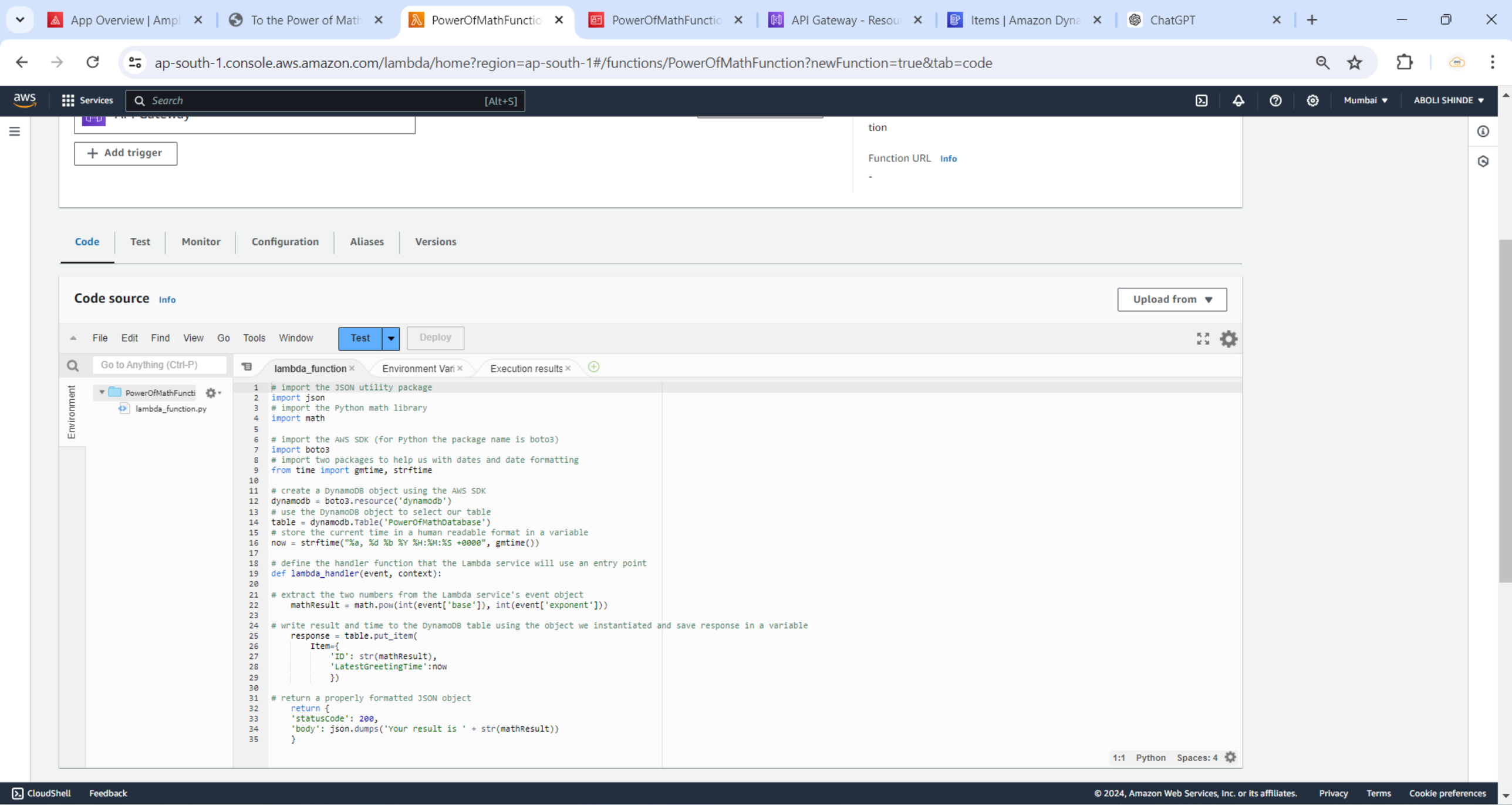
Updated
7/6/2024, 6:36 PM

Other branches 0

Search...

Add branch

No other branches added.


App Overview | Ampl
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Items | Amazon Dyna
ChatGPT
ap-south-1.console.aws.amazon.com/lambda/home?region=ap-south-1#/functions/PowerOfMathFunction?newFunction=true&tab=code
aws
Services
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+ Add trigger
tion
Function URL Info
-
Code
Test
Monitor
Configuration
Aliases
Versions
Code source Info
Upload from
File
Edit
Find
View
Go
Tools
Window
Test
Deploy
Go to Anything (Ctrl-P)
lambda_function
Environment Vari
Execution results
Environment
PowerOfMathFuncti
lambda_function.py
1 # import the JSON utility package
2 import json
3 # import the Python math library
4 import math
5
6 # import the AWS SDK (for Python the package name is boto3)
7 import boto3
8 # import two packages to help us with dates and date formatting
9 from time import gmtime, strftime
10
11 # create a DynamoDB object using the AWS SDK
12 dynamodb = boto3.resource('dynamodb')
13 # use the DynamoDB object to select our table
14 table = dynamodb.Table('PowerOfMathDatabase')
15 # store the current time in a human readable format in a variable
16 now = strftime("%a, %d %b %Y %H:%M:%S +0000", gmtime())
17
18 # define the handler function that the Lambda service will use an entry point
19 def lambda_handler(event, context):
20
21 # extract the two numbers from the Lambda service's event object
22 mathResult = math.pow(int(event['base']), int(event['exponent']))
23
24 # write result and time to the DynamoDB table using the object we instantiated and save response in a variable
25 response = table.put_item(
26 Item={
27 'ID': str(mathResult),
28 'LatestGreetingTime':now
29 })
30
31 # return a properly formatted JSON object
32 return {
33 'statusCode': 200,
34 'body': json.dumps('Your result is ' + str(mathResult))
35 }
1:1
Python
Spaces: 4
CloudShell
Feedback
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Privacy
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App Overview | Amp | To the Power of Math | PowerOfMathFunctic | PowerOfMathFunctic | API Gateway - Stages | Items | Amazon Dyna | ChatGPT

ap-south-1.console.aws.amazon.com/apigateway/main/apis/snkv6nwt05/stages?api=snkv6nwt05&experience=rest&region=ap-south-1

aws | Services | Search [Alt+S] | Mumbai | ABOLI SHINDE

API Gateway

- APIs
- Custom domain names
- VPC links

API: PowerOfMathAPI

- Resources
- Stages
- Authorizers
- Gateway responses
- Models
- Resource policy
- Documentation
- Dashboard
- API settings

- Usage plans
- API keys
- Client certificates
- Settings

Successfully created deployment for PowerOfMathAPI. This deployment is active for Dev.

API Gateway > APIs > PowerOfMathAPI (snkv6nwt05) > Stages

Stages

Stage actions | Create stage

Dev

/

POST

Method overrides

By default, methods inherit stage-level settings. To customize settings for a method, configure method overrides.

Create override

This method inherits its settings from the 'Dev' stage.

Invoke URL

https://snkv6nwt05.execute-api.ap-south-1.amazonaws.com/Dev/

DynamoDB

Dashboard
Tables
Explore items
PartiQL editor
Backups
Exports to S3
Imports from S3
Integrations New
Reserved capacity
Settings

DAX
Clusters
Subnet groups
Parameter groups
Events

DynamoDB > Explore items > PowerOfMathDatabase

Tables (1)

Any tag key

Any tag value

Find tables by table name

1

PowerOfMathDatabase

PowerOfMathDatabase

Autopreview | View table details

Scan or query items

Scan | Query

Select a table or index: Table - PowerOfMathDatabase

Select attribute projection: All attributes

Filters

Run | Reset

Completed. Read capacity units consumed: 0.5

Items returned (1)

Actions | Create item

1

ID (String)	LatestGreetingTime
16.0	Sat, 06 Jul 2024 12:42:27 +0000

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management
User groups
Users
Roles
Policies
Identity providers
Account settings

Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
Service control policies

Related consoles
IAM Identity Center
AWS Organizations

Policy PowerOfMathDynamoPolicy created.

PowerOfMathFunction-role-4dol0sd9 Info

Delete

Summary

Edit

Creation date
July 06, 2024, 17:13 (UTC+05:30)

Last activity
35 minutes ago

ARN
arn:aws:iam::266663806350:role/service-role/PowerOfMathFunction-role-4dol0sd9

Maximum session duration
1 hour

Permissions | Trust relationships | Tags | Access Advisor | Revoke sessions

Permissions policies (2) Info

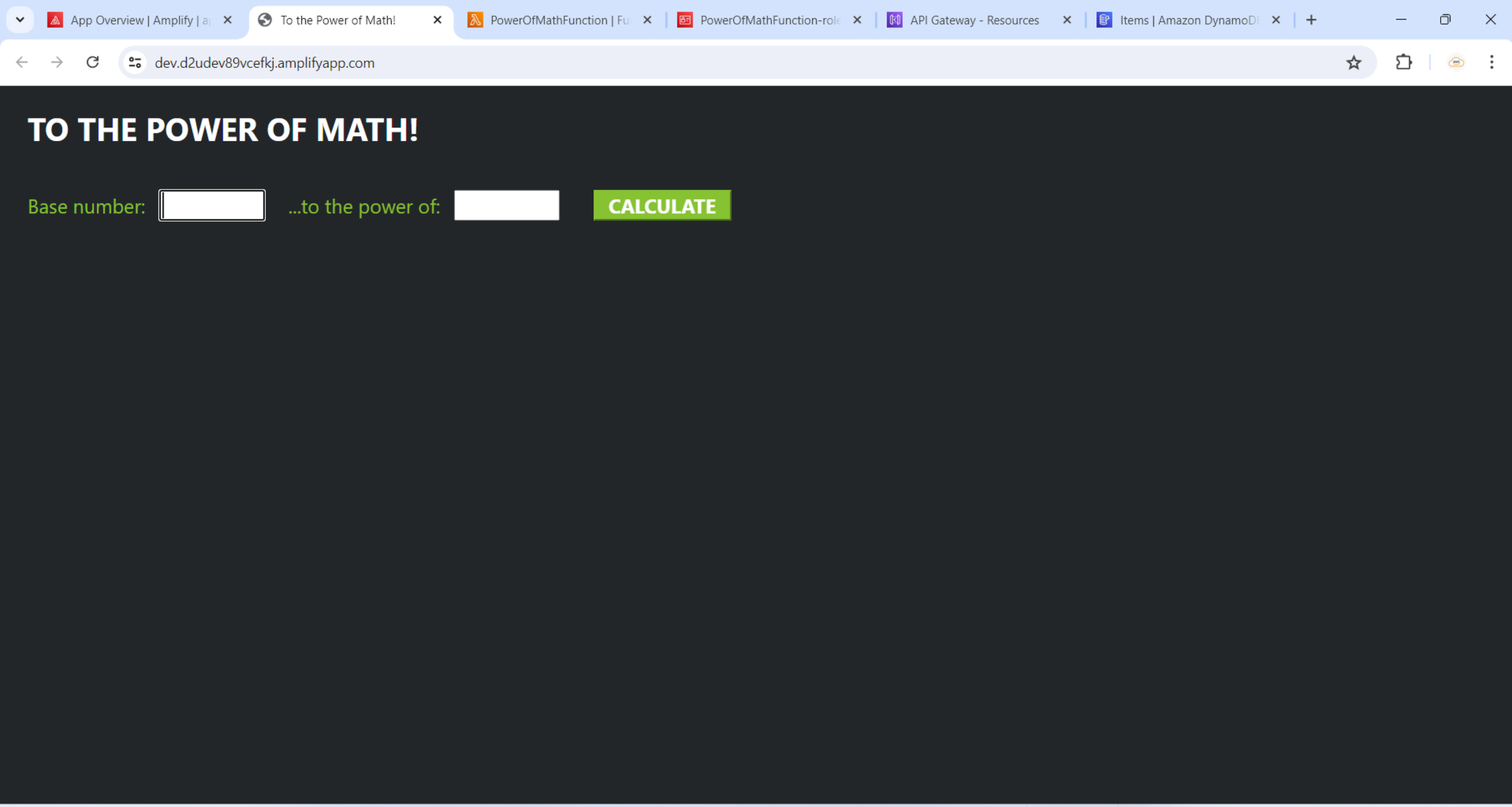
You can attach up to 10 managed policies.

Simulate | Remove | Add permissions

Search | Filter by Type: All types | 1

Policy name	Type	Attached entities
AWSLambdaBasicExecutionRole-817c0f25-3eb5-481c-aa31-...	Customer managed	1
PowerOfMathDynamoPolicy	Customer inline	0

Permissions boundary (not set)


App Overview | Amplify |
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API Gateway - Resources
Items | Amazon DynamoD
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TO THE POWER OF MATH!
Base number:
...to the power of:
CALCULATE