

DynamoDB

Dashboard

Tables

Update settings

Explore items

PartiQL editor [New](#)

Backups

Exports to S3

Imports from S3 [New](#)

Reserved capacity

Settings [New](#)

DAX

Clusters

Subnet groups

Parameter groups

Events

DynamoDB > Tables

Tables (1) [Info](#)

Refresh

Actions

Delete

Create table

Find tables by table name

Any table tag

< 1 > ⚙

<input type="checkbox"/>	Name ▲	Status	Partition key	Sort key	Indexes	Read capacity mode	Write capacity
<input type="checkbox"/>	product-inventory	✓ Active	productid (S)	-	0	Provisioned with auto scaling (5)	Provisioned v

Lambda > Functions > Create function

Create function [Info](#)

AWS Serverless Application Repository applications have moved to [Create application](#).

Author from scratch



Start with a simple Hello World example.

Use a blueprint



Build a Lambda application from sample code and configuration presets for common use cases.

Container image



Select a container image to deploy for your function.

Basic information

Function name

Enter a name that describes the purpose of your function.

Use only letters, numbers, hyphens, or underscores with no spaces.

Runtime [Info](#)

Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

Architecture [Info](#)

Choose the instruction set architecture you want for your function code.

Successfully created the function **serverless-api**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

Lambda > Functions > serverless-api

serverless-api

Throttle

Copy ARN

Actions

Function overview

serverless-api

Layers (0)

+ Add trigger

+ Add destination

Description

-

Last modified

6 seconds ago

Function ARN

arn:aws:lambda:us-east-1:424138477731:function:serverless-api

Function URL

Info

-

Code

Test

Monitor

Configuration

Aliases

Versions

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

✓ Policies have been successfully attached to role.

IAM > Roles > serverless-api-role

serverless-api-role

Delete

Summary

Edit

Creation date

January 11, 2023, 00:34 (UTC-08:00)

ARN

arn:aws:iam::424138477731:role/service-role/serverless-api-role

Last activity

None

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Access Advisor

Revoke sessions

Permissions policies (3) Info

You can attach up to 10 managed policies.



Simulate

Remove

Add permissions

Filter policies by property or policy name and press enter.

< 1 >



List tables | Amazon Dyna

serverless-api - Lambda

IAM Management Console

+

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/roles/details/serverless-api-role?section=permissions

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Services

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Identity and Access Management (IAM)

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Permissions policies (3)

You can attach up to 10 managed policies.

Filter policies by property or policy name and press enter.

Policy name

Type

Description

+

AWSLambdaBasicExecutionRole-b156c571-797e-41f2-a4f...

Customer managed

+

CloudWatchFullAccess

AWS managed

Provides full access to CloudWatc

+

AmazonDynamoDBFullAccess

AWS managed

Provides full access to Amazon Dy

Permissions boundary - (not set)

Set a permissions boundary to control the maximum permissions this role can have. This is not a common setting but can be used to delegate permission management to others.

Set permissions boundary

Generate policy based on CloudTrail events

Feedback

Looking for language selection? Find it in the new Unified Settings

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API Gateway

APIs

Custom domain names

VPC links

API: serverless-api... (14aaleta9a)

Develop

Routes

Authorization

Integrations

CORS

Reimport

Export

Deploy

Stages

Successfully created API serverless-api (14aaleta9a)

API Gateway > Details

Stage: -
Deploy

Edit

serverless-api

API details

API ID	Protocol	Created
14aaleta9a	HTTP	2023-01-11
Description	Default endpoint	
No Description	Enabled	

Stages for serverless-api

Find resources

Stage name	Invoke URL	Attached deployment	Auto deploy	Last updated
\$default	https://14aaleta9a.execute-api.us-east-1.amazonaws.com		enabled	2023-01-11

List tables | Amazon Dyna...serverless-api - LambdaIAM Management ConsoleAPI Gateway

us-east-1.console.aws.amazon.com/apigateway/main/develop/integrations/attach?api=14aaleta9a&integration=qlueuwj®ion=us-east-1&routes=4s911ll

GmailCloud Comput...Learner dashb...AWS WorkshopsMy Courses | s...Online Course...Home | MynaukriFeed | LinkedInYouTube

awsServicesSearch[Alt+S]

N. Virginia▼sachin @ sy-aws-v2▼

API Gateway

APIsCustom domain namesVPC links

API: serverless-api... (14aaleta9a)

▼ DevelopRoutesAuthorizationIntegrationsCORSSReimportExport

▼ DeployStages

Successfully updated 1 routes.

API Gateway > Integrations

Stage: -
Deploy

Integrations

Attach integrations to routesManage integrations

Routes for serverless-api

Search

▼ /health

GET	AWS Lambda
-----	------------

Integration details for route

Detach integrationManage integration

GET /health (4s911ll)

Lambda function

serverless-api (us-east-1)

Integration ID

qlueuwj

Description

-

Payload format version

The parsing algorithm for the payload sent to and returned from your Lambda function. [Learn more.](#)

2.0 (Interpreted response format)

Feedback

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Successfully updated 1 routes.

Attach integrations to Routes Manage Integrations

Routes for serverless-api

Search

▼ /health

GET AWS Lambda

▼ /product

DELETE AWS Lambda

PATCH AWS Lambda

GET AWS Lambda

POST AWS Lambda

▼ /products

GET AWS Lambda

Integration details for route

POST /product (z0b55d1)

Detach integration

Manage integration

Lambda function

serverless-api (us-east-1)

Integration ID

qlueuwj

Description

-

Payload format version

The parsing algorithm for the payload sent to and returned from your Lambda function. [Learn more.](#)

2.0 (interpreted response format)

Invoke permissions

The resource policy of the Lambda function determines if API Gateway can invoke it. You can run the AWS CLI command snippet below to give API Gateway permission to invoke your AWS Lambda function.

▶ Example policy statement

Timeout

The number of milliseconds that API Gateway should wait for a response from the integration before timing out.

API Gateway

APIs

Custom domain names

VPC links

API: serverless-api... (14aaleta9a)

Develop

Routes

Authorization

Integrations

CORS

Reimport

Export

Deploy

Stages

Configure CORS

CORS allows resources from different domains to be loaded by browsers. If you configure CORS for an API, API Gateway ignores CORS headers returned from your backend integration. See our [CORS documentation](#) for more details.

Access-Control-Allow-Origin

Enter a value for Allowed Origins

Add

* X

Access-Control-Allow-Headers

Enter a value for Allowed Headers

Add

authorization, * X

Access-Control-Allow-Methods

Choose Allowed Methods

GET X POST X PATCH X DELETE X * X

Access-Control-Expose-Headers

Enter a value for Exposed Headers

Add

date, x-api-id X

Access-Control-Max-Age

0

Access-Control-Allow-Credentials

NO

Cancel

Save

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Code source [Info](#)

Upload from ▾

File Edit Find View Go Tools Window

Test ▾

Deploy

Go to Anything (Ctrl-P)

index.js

Environment
serverless-api
index.js

```
1 const AWS = require('aws-sdk');
2 AWS.config.update( {
3   region: 'us-east-1'
4 });
5 const dynamodb = new AWS.DynamoDB.DocumentClient();
6 const dynamodbTableName = 'product-inventory';
7 const healthPath = '/health';
8 const productPath = '/product';
9 const productsPath = '/products';
10
11 exports.handler = async function(event) {
12   console.log('Request event: ', event);
13   let response;
14   switch(true) {
15     case event.httpMethod === 'GET' && event.path === healthPath:
16       response = buildResponse(200);
17       break;
18     case event.httpMethod === 'GET' && event.path === productPath:
19       response = await getProduct(event.queryStringParameters.productId);
20       break;
21     case event.httpMethod === 'GET' && event.path === productsPath:
22       response = await getProducts();
23       break;
24     case event.httpMethod === 'POST' && event.path === productPath:
25       response = await saveProduct(JSON.parse(event.body));
26       break;
27     case event.httpMethod === 'PATCH' && event.path === productPath:
28       const requestBody = JSON.parse(event.body);
29       response = await modifyProduct(requestBody.productId, requestBody.updateKey, requestBody.updateValue);
```

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
 - Archive rules
 - Analyzers
 - Settings

IAM > Roles > serverless-api-role

serverless-api-role

Delete

Summary

Edit

Creation date

January 11, 2023, 00:34 (UTC-08:00)

ARN

arn:aws:iam::424138477731:role/service-role/serverless-api-role

Last activity

17 hours ago

Maximum session duration

1 hour

Permissions

Trust relationships

Tags

Access Advisor

Revoke sessions

Permissions policies (3)

You can attach up to 10 managed policies.

Simulate

Remove

Add permissions

Filter policies by property or policy name and press enter.

Policy name

Type

Description



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Permissions policies (3) Info

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Filter policies by property or policy name and press enter.

< 1 > ⚙

<input type="checkbox"/>	Policy name	Type	Description
<input type="checkbox"/>	<div><div>+</div><div>AWSLambdaBasicExecutionRole-b156c571-797e-41f2-a4f7-e50e595b58f7</div></div>	Customer managed	
<input type="checkbox"/>	<div><div>+</div><div><div>CloudWatchFullAccess</div></div></div>	AWS managed	Provides full acce
<input type="checkbox"/>	<div><div>+</div><div><div>AmazonDynamoDBFullAccess</div></div></div>	AWS managed	Provides full acce

Permissions boundary - (not set) Info

Set a permissions boundary to control the maximum permissions this role can have. This is not a common setting but can be used to delegate permission management to others.

My Workspace New Import

Collections + ...

APIs

Environments

Mock Servers

Monitors

Flows

History

Create a collection for your requests

A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.

Create Collection

GET https://4q8gai70d.exe + ...

No Environment v

https://4q8gai70d.execute-api.us-east-1.amazonaws.com/health Save v

GET https://4q8gai70d.execute-api.us-east-1.amazonaws.com/health Send v

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON v

```
1
2     "productId" : 123,
3     "price" : 12,
4     "name" : "asd",
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 395 ms Size: 161 B Save Response v

Pretty Raw Preview Visualize JSON v

```
1
```

My Workspace New Import

Collections + ...

APIs

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History

My first collection

- First folder inside collection
 - GET
 - POST
 - GET
- Second folder inside collection
 - GET
 - GET

Create a collection for your requests

A collection lets you group related requests and easily set common authorization, tests, scripts, and variables for all requests in it.

Create Collection

GET https://4q8gai70d.exe + ...

No Environment v

Save v

https://4q8gai70d.execute-api.us-east-1.amazonaws.com/products

GET v https://4q8gai70d.execute-api.us-east-1.amazonaws.com/products Send v

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON v

```
1 {
2   "productId" : 123,
3   "price" : 12,
4   "name" : "asd",
```

Body Cookies Headers (5) Test Results Status: 200 OK Time: 399 ms Size: 177 B Save Response v

Pretty Raw Preview Visualize JSON v

```
1 {
2   "products": []
3 }
```