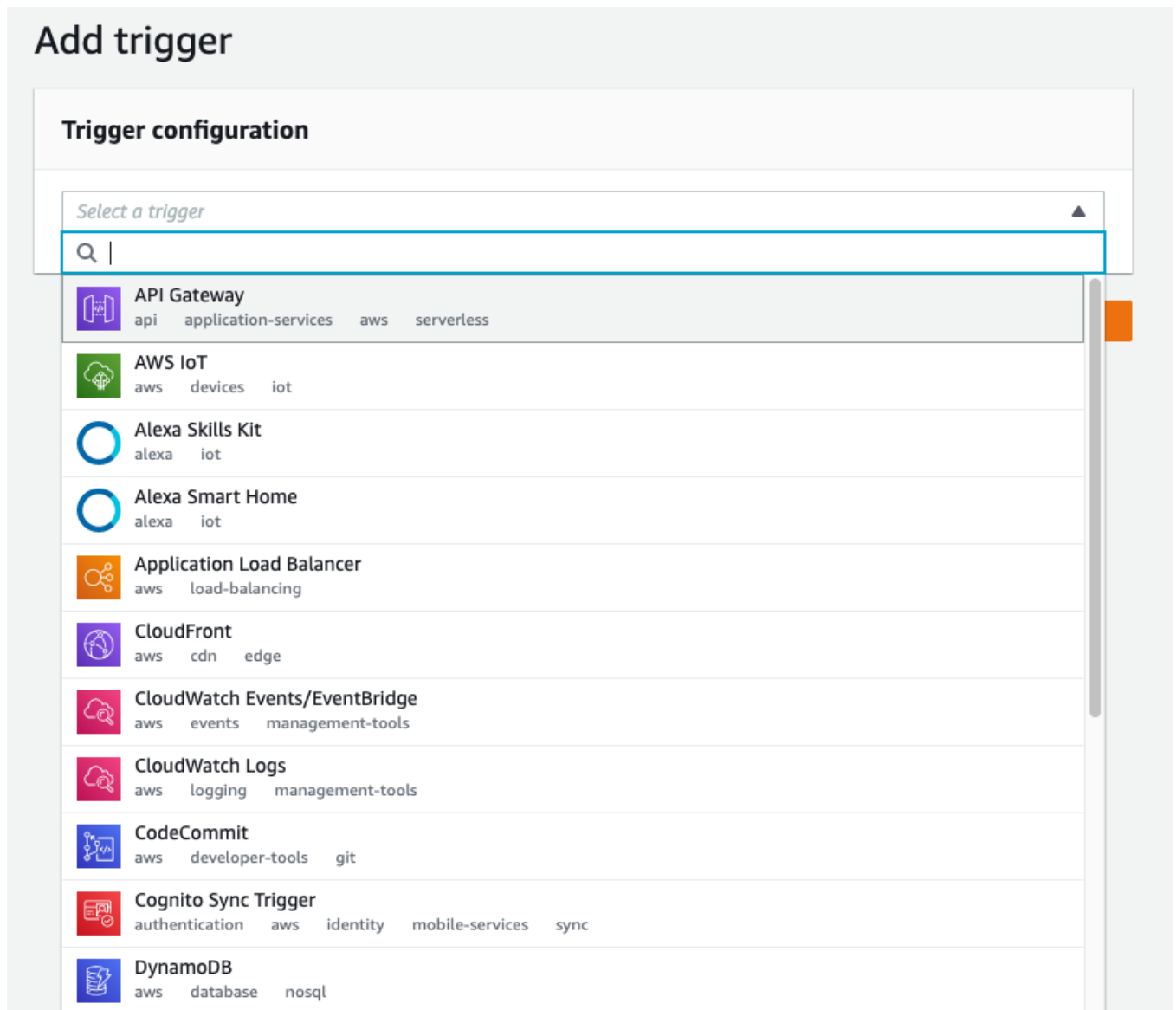In this exercise solution, you connect Lambda with API Gateway via a trigger.

Create the API Gateway Trigger

1. From the Designer section of the `hello` Lambda Function console, click the **Add trigger** button

2. Select **API Gateway** from the trigger configuration list

3. Select **Create a new API**

4. Select the **REST API** option

5. Choose **Open** for the **Security** field

6. Click the **Add** button

Add trigger

Trigger configuration

API Gateway
api   application-services   aws   serverless ▼

Add an API to your Lambda function to create an HTTP endpoint that invokes your function. API Gateway supports two types of RESTful APIs: HTTP APIs and REST APIs. Learn more

API
Create a new API or attach an existing one.

Create an API ▼

API type

○ HTTP API
Create an HTTP API.

● REST API
Create a REST API.

Security
Configure the security mechanism for your API endpoint.

Open ▼

Don't add any authorization or authentication requirements. Any user can invoke your function with an HTTP call.

▶ Additional settings

Lambda will add the necessary permissions for Amazon API Gateway to invoke your Lambda function from this trigger. Learn more about the Lambda permissions model.

Cancel   Add

Hello

Throttle   Qualifiers ▼   Actions

Configuration   Permissions   Monitoring

▼ **Designer**

λ Hello

≋ Layers   (0)

[▣] API Gateway   ✕

+ **Add trigger**

API Gateway

Hello-API
arn:aws:execute-api:us-east-1:398492223295:xw3e2f4i9i/*/*/Hello

▶ API: **api-gateway/xw3e2f4i9i/*/*/Hello**   API endpoint: **https://xw3e2f4i9i.execute-api.us-east-1.amazonaws.com/default/Hello**   API name: **Hello-API**

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if we click on the **API endpoint** URL, we should see the "Hello" message from our `hello` Lambda Function.