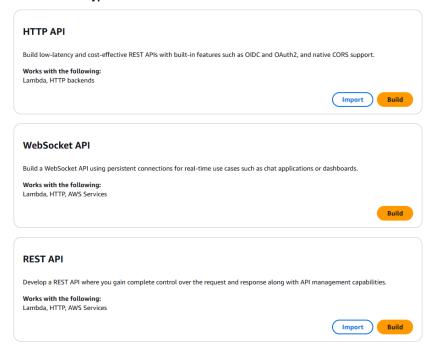
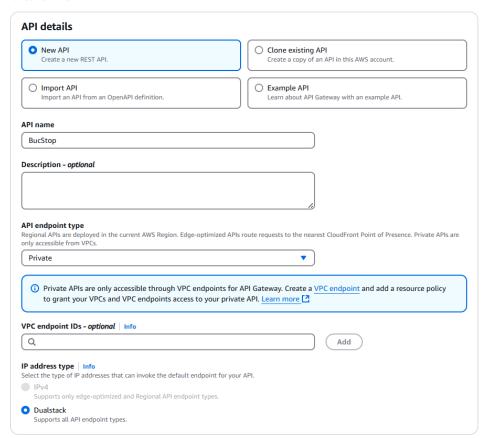
Create a REST API

Choose an API type Info



Create REST API Info

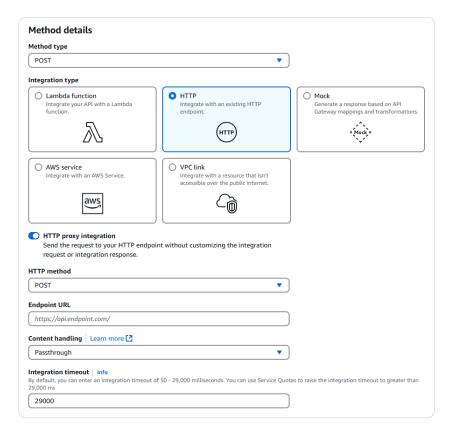


Create a resource

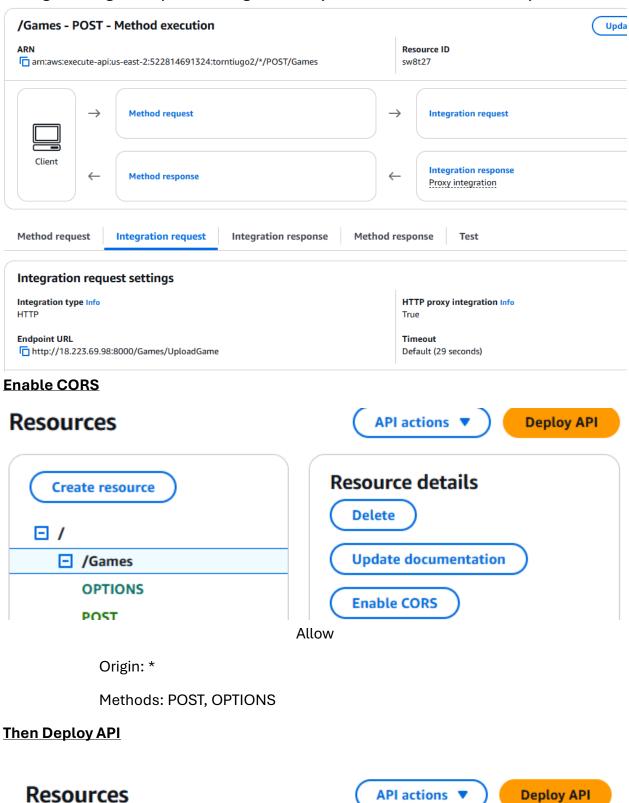
Create resource

Proxy resource Info	
Proxy resources nangle requests to all sub-resources. If	To create a proxy resource use a path parameter that ends with a plus sign, for example {proxy+
esource path	Resource name
/	▼ Games
CORS (Cross Origin Resource Sharing) Info Create an OPTIONS method that allows all origins, all m	nethods, and several common headers
and an arrangement and arrangement arrange	

Create POST method



Configure integration (Select Integration Request in the POST RESOURCE)



Create a stage

Create stage

Stage name	
prod	
Stage description - optional	
Deployment	
4/1/2025, 12:27:41 PM	▼)
Resources	(API actions ▼) Deploy API

Get invoke url

https://torntiugo2.execute-api.us-east-2.amazonaws.com/prod

Ensure code is up to date with the newest changes (Changes to Program.CS and GameController.cs)

Start the EC2 instance and run the webapp.

Run this command to test if the invoke URL works.

You will insert your invoke URL in place of https://torntiugo2.execute-api.us-east-2.amazonaws.com/prod/Games

curl.exe -X POST https://torntiugo2.execute-api.us-east-2.amazonaws.com/prod/Games -F gameFile=@file.js

In terminal you should see: "{"message": "File uploaded successfully!"}"

ls /mnt/ebs-storage to check that the file is there.

Test Case	Input	Expected Output
Create the API GW	Follow the steps above to create the AWS API gateway	Make sure you hit Deploy API at the end.
Start EC2 instance.	SSH into the EC2 instance and dotnet run	Web app starts
Create test.js file	Create a test.js file to use in the curl command	Test.js file created.
Test POST file command	THIS COMMAND NEEDS TO BE RUN IN THE TERMINAL OF YOUR COMPUTER, NOT THE EC2 INSTANCE. curl -X POST https://torntiugo2.execute-api.us-east-2.amazonaws.com/prod/Games -F "gameFile=@test.js"	"{"message":"File uploaded successfully!"}"
Verifying file is there	ls /mnt/ebs-storage	You should see the name of the test file you submitted.

CODE CHANGES

Change Program.cs

Lines 9-10

Lines 34-38

Comment out 52

Lines 54-58

Comment out 76

Change GameController.cs

Add POST method

Lines 100-131

Test:

curl -X POST https://torntiugo2.execute-api.us-east-2.amazonaws.com/prod/Games -F "gameFile=@test.js"