**Create a REST API**

A screenshot of a web page

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**Create a resource** A screenshot of a computer

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**Create POST method**

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**Configure integration (Select Integration Request in the POST RESOURCE)**A screenshot of a computer

AI-generated content may be incorrect.**Enable CORS**

A screenshot of a computer

AI-generated content may be incorrect.Allow

Origin: \*

Methods: POST, OPTIONS

**Then Deploy API**



**Create a stage**

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**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](mailto: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"