

CSC-SKILL-4

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SEC:13

Amazon API Gateway Endpoint and Writing it up to our website

https://www.apollopharmacy.in/ x API Gateway - Create API x +

us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/create

aws Services Search [Alt+S]

Amazon API Gateway APIs > Create Hide hints ?

Choose the protocol

Select whether you would like to create a REST API or a WebSocket API.

☒ REST ☐ WebSocket

Create new API

In Amazon API Gateway, a REST API refers to a collection of resources and methods that can be invoked through HTTPS endpoints.

☒ New API ☐ Import from Swagger or Open API 3 ☐ Example API

Settings

Choose a friendly name and description for your API.

API name* CatWeather

Description

Endpoint Type Regional ⓘ

* Required

Create API

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37 ENG IN 16:40 28-12-2022

https://www.apollopharmacy.in/ x API Gateway - Create API x +

us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/pvdfdk3h3j/resources/ue95hehjn1/methods/POST

Services Search [Alt+S]

Amazon API Gateway APIs > CatWeather (pvdfdk3h3j) > Resources > / (ue95hehjn1) > POST

APIs Custom Domain Names VPC Links

API: CatWeather

Resources

Stages

Authorizers

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API Keys

Resources POST

Choose the integration point for your new method.

Integration type

- ☐ Lambda Function ⓘ
- ☐ HTTP ⓘ
- ☒ Mock ⓘ
- ☐ AWS Service ⓘ
- ☐ VPC Link ⓘ

Save

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us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/pvdfdk3h3j/resources/ue95hehjn1/methods/POST

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Method Execution / - POST - Method Test

Make a test call to your method. When you make a test call, API Gateway skips authorization and directly invokes your method

Path

No path parameters exist for this resource. You can define path parameters by using the syntax **{myPathParam}** in a resource path.

Query Strings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method. You can add them via Method Request.

Stage Variables

No [stage variables](#) exist for this method.

Client Certificate

No client certificates have been generated.

Request Body

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us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/pvdfdk3h3j/resources/ue95hehjn1/methods/POST

Services Search [Alt+S]

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Client Certificates

Settings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method. You can add them via Method Request.

Stage Variables

No stage variables exist for this method.

Client Certificate

No client certificates have been generated.

Request Body

```
1 {
2   "city_str": "VEGAS"
3 }
4
```

Response Headers

```
{ "Content-Type": ["application/json"] }
```

Logs

```
Execution log for request fb2c40f1-0f01-4da5-a259-69d1e5f3392f
Wed Dec 28 11:12:15 UTC 2022 : Starting execution for request: fb2c40f1-0f01-4da5-a259-69d1e5f3392f
Wed Dec 28 11:12:15 UTC 2022 : HTTP Method: POST, Resource Path: /
Wed Dec 28 11:12:15 UTC 2022 : Method request path: {}
Wed Dec 28 11:12:15 UTC 2022 : Method request query string: {}
Wed Dec 28 11:12:15 UTC 2022 : Method request headers: {}
Wed Dec 28 11:12:15 UTC 2022 : Method request body before transformations: {
  "city_str": "VEGAS"
}
Wed Dec 28 11:12:15 UTC 2022 : Method response body after transformations:
Wed Dec 28 11:12:15 UTC 2022 : Method response headers: {Content-Type=application/json}
Wed Dec 28 11:12:15 UTC 2022 : Successfully completed execution
Wed Dec 28 11:12:15 UTC 2022 : Method completed with status: 200
```

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us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/pvdfdk3h3j/resources/ue95hehjn1/methods/POST

Services Search [Alt+S]

APIs

Custom Domain Names

VPC Links

API: CatWeather

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Method Execution / - POST - Integration Response

First, declare response types using Method Response. Then, map the possible responses from the backend to this method's response types.

HTTP status regex	Method response status	Output model	Default mapping
-	200		Yes

Map the output from your HTTP endpoint to the headers and output model of the 200 method response.

HTTP status regex default

Content handling Passthrough

Cancel Save

Header Mappings

Mapping Templates

Content-Type application/json

application/json

Generate template:

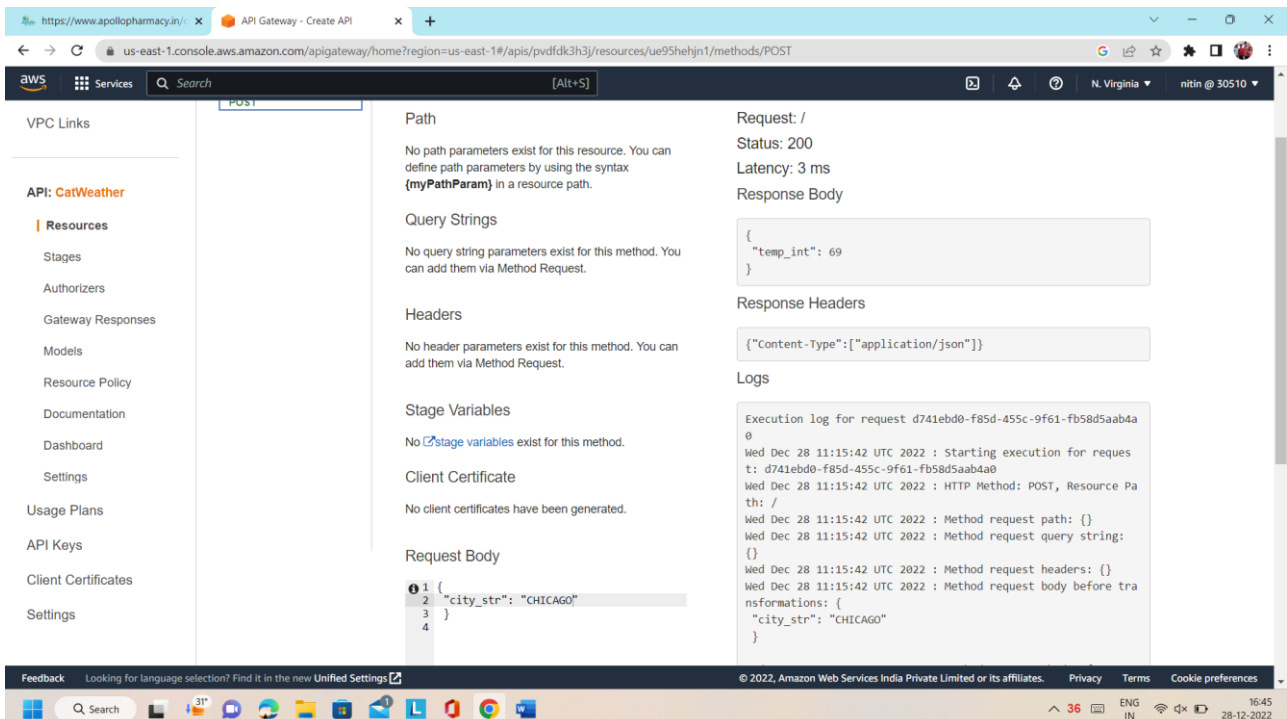
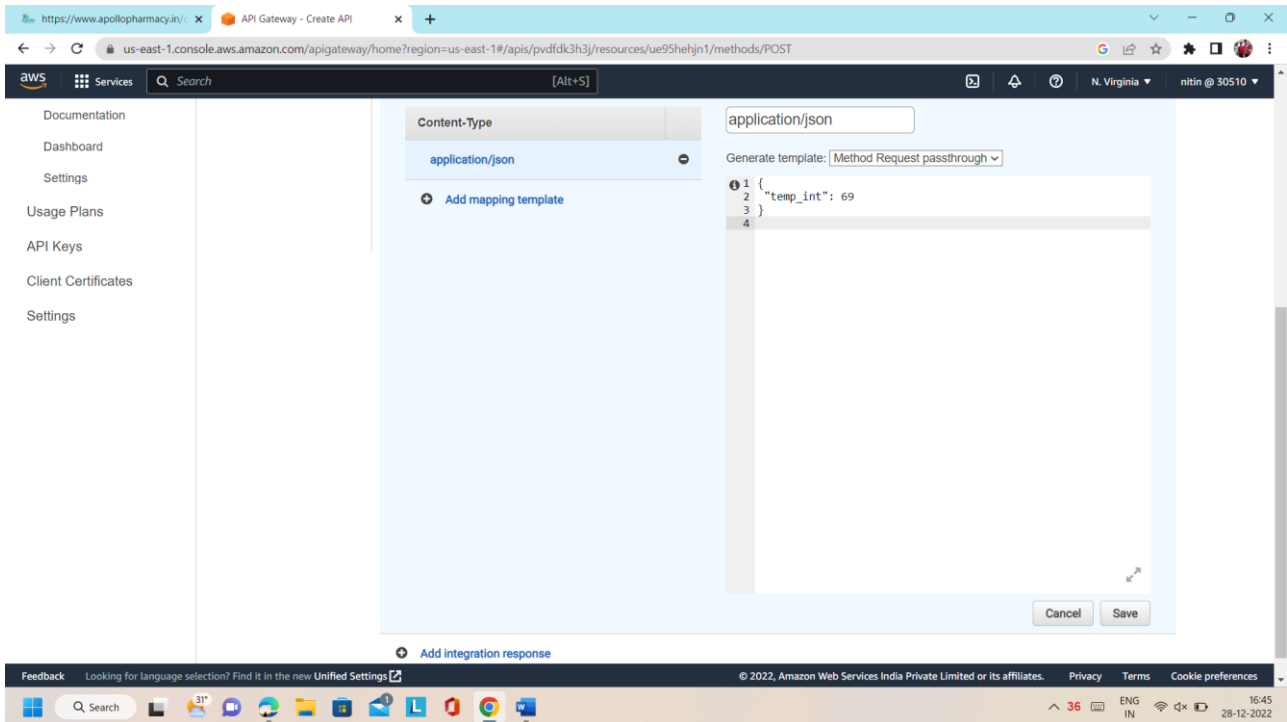
1

Add mapping template

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us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/pvdfdk3h3j/resources/ue95hehjn1/enable-cors

Services Search [Alt+S]

Amazon API Gateway APIs > CatWeather (pvdfdk3h3j) > Resources > / (ue95hehjn1) > Enable CORS Hide hints ?

APIs Resources Actions Enable CORS

Custom Domain Names / POST

VPC Links

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Gateway Responses for CatWeather API

DEFAULT 4XX DEFAULT 5XX

Methods POST OPTIONS

Access-Control-Allow-Methods OPTIONS, POST

Access-Control-Allow-Headers Content-Type,X-Amz-Date,Authorization

Access-Control-Allow-Origin*

Advanced

Enable CORS and replace existing CORS headers

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us-east-1.console.aws.amazon.com/apigateway/home?region=us-east-1#/apis/pvdfdk3h3j/resources/ue95hehjn1/enable-cors

Services Search [Alt+S]

Amazon API Gateway APIs > CatWeather (pvdfdk3h3j) > Resources > / (ue95hehjn1) > Enable CORS Hide hints ?

APIs Resources Actions Enable CORS

Custom Domain Names / POST

VPC Links

API: CatWeather

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✓ Create OPTIONS method

✓ Add 200 Method Response with Empty Response Model to OPTIONS method

✓ Add Mock Integration to OPTIONS method

✓ Add 200 Integration Response to OPTIONS method

✓ Add Access-Control-Allow-Headers, Access-Control-Allow-Methods, Access-Control-Allow-Origin Response Headers to OPTIONS method

✓ Add Access-Control-Allow-Headers, Access-Control-Allow-Methods, Access-Control-Allow-Origin Integration Response Header Mappings to OPTIONS method

✓ Add Access-Control-Allow-Headers, Access-Control-Allow-Methods, Access-Control-Allow-Origin Response Headers to DEFAULT 4XX Gateway Response

✓ Add Access-Control-Allow-Headers, Access-Control-Allow-Methods, Access-Control-Allow-Origin Response Headers to DEFAULT 5XX Gateway Response

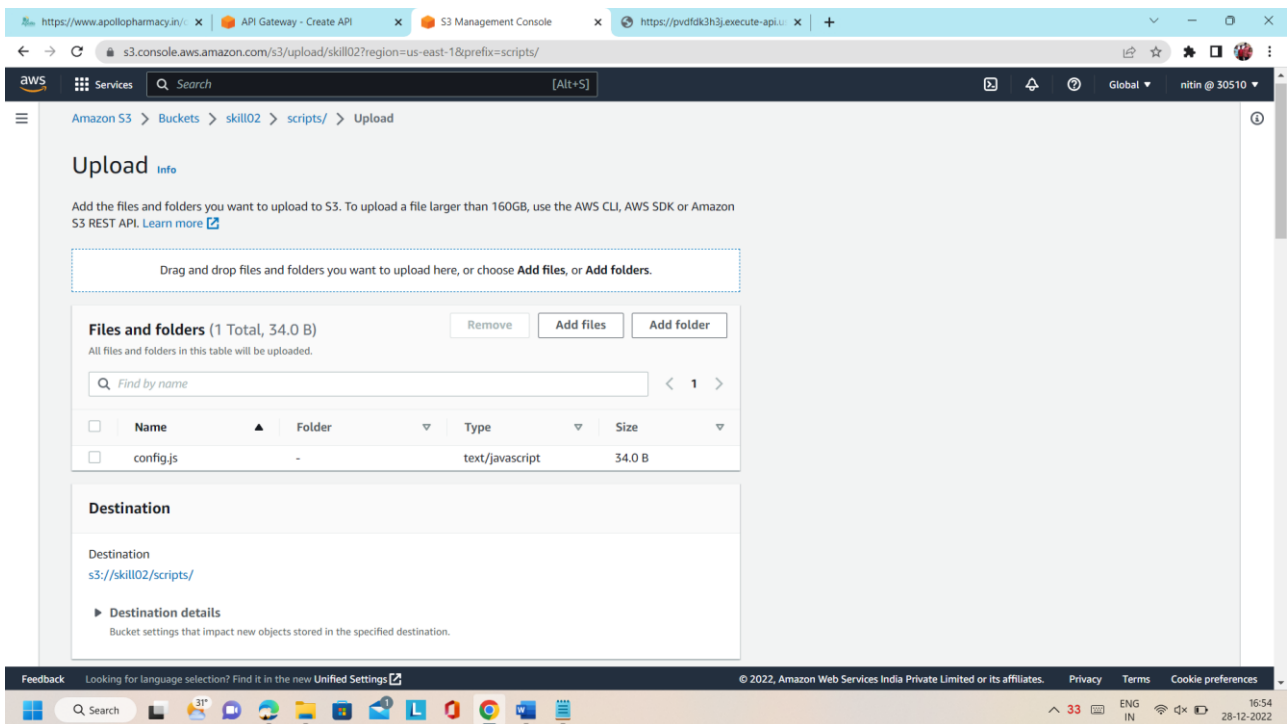
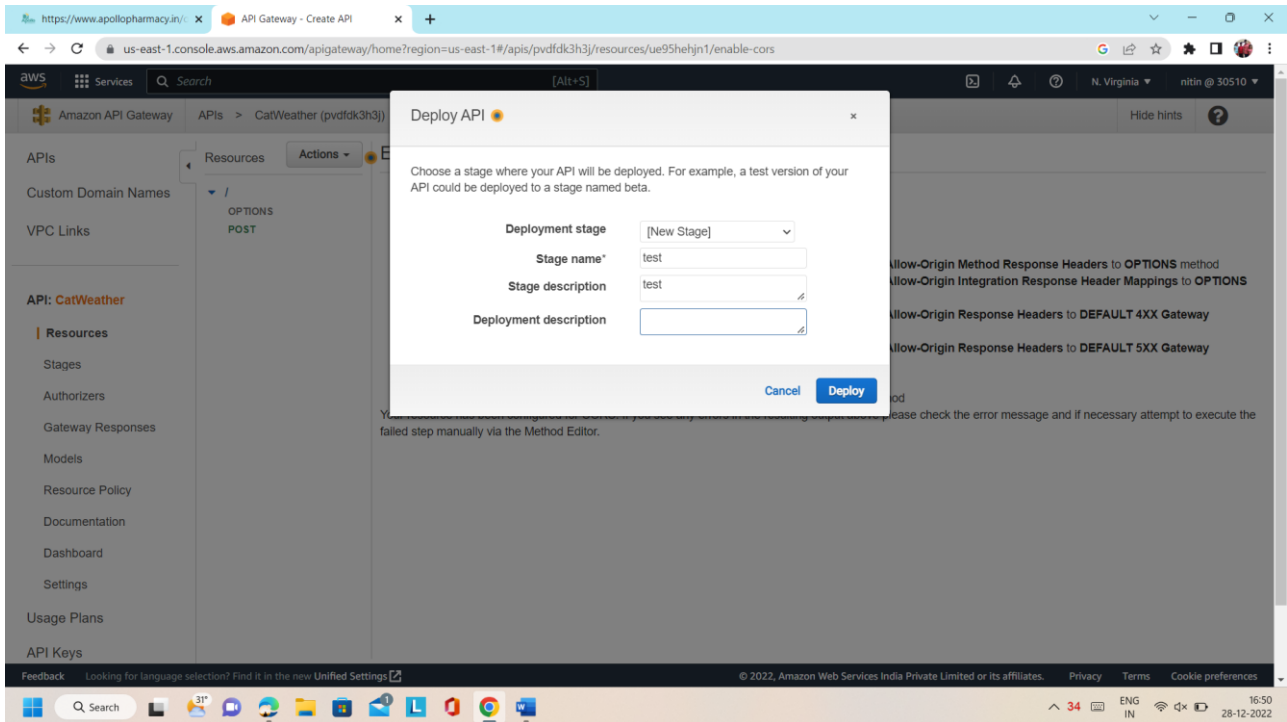
✓ Add Access-Control-Allow-Origin Method Response Header to POST method

✓ Add Access-Control-Allow-Origin Integration Response Header Mapping to POST method

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https://www.apollopharmacy.in/ x API Gateway - Create API x S3 Management Console x https://pvdfdk3h3j.execute-api.us-east-1.amazonaws.com/ x

s3.console.aws.amazon.com/s3/upload/skill02?region=us-east-1&prefix=scripts/

Services Search [Alt+S]

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	Storage class	Designed for	Availability Zones	Min storage duration	
<input checked="" type="radio"/>	Standard	Frequently accessed data (more than once a month) with milliseconds access	≥ 3	-	-
<input type="radio"/>	Intelligent-Tiering	Data with changing or unknown access patterns	≥ 3	-	-
<input type="radio"/>	Standard-IA	Infrequently accessed data (once a month) with milliseconds access	≥ 3	30 days	1
<input type="radio"/>	One Zone-IA	Recreateable, infrequently accessed data (once a month) stored in a single Availability Zone with milliseconds access	1	30 days	1
<input type="radio"/>	Glacier Instant Retrieval	Long-lived archive data accessed once a quarter with instant retrieval in milliseconds	≥ 3	90 days	1
<input type="radio"/>	Glacier Flexible Retrieval (formerly Glacier)	Long-lived archive data accessed once a year with retrieval of minutes to hours	≥ 3	90 days	-
<input type="radio"/>	Glacier Deep Archive	Long-lived archive data accessed less than once a year with retrieval of hours	≥ 3	180 days	-
<input type="radio"/>	Reduced redundancy	Noncritical, frequently accessed data with milliseconds access (not recommended as S3 Standard is more cost effective)	≥ 3	-	-

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s3.console.aws.amazon.com/s3/upload/skill02?region=us-east-1&prefix=scripts/

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Additional checksums

☒ Off
Amazon S3 will use a combination of MD5 checksums and ETags to verify data integrity.

☐ On
Specify a checksum function for additional data integrity validation.

Tags - optional

You can use object tags to analyze, manage, and specify permissions for objects. [Learn more](#)

No tags associated with this resource.

Add tag

Metadata - optional

Metadata is optional information provided as a name-value (key-value) pair. [Learn more](#)

Type

System defined

Key

Cache-Control

Value

max-age=0

Remove

Add metadata

Cancel Upload

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https://www.apollopharmacy.in/ x API Gateway - Create API x S3 Management Console x https://pvdfdk3h3.execute-api.us-east-1.amazonaws.com/s3/upload/skill02?region=us-east-1&prefix=scripts/

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Upload succeeded
View details below.

Upload: status Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination s3://skill02/scripts/	Succeeded 1 file, 34.0 B (100.00%)	Failed 0 files, 0 B (0%)
--------------------------------------	---------------------------------------	-----------------------------

Files and folders Configuration

Files and folders (1 Total, 34.0 B)

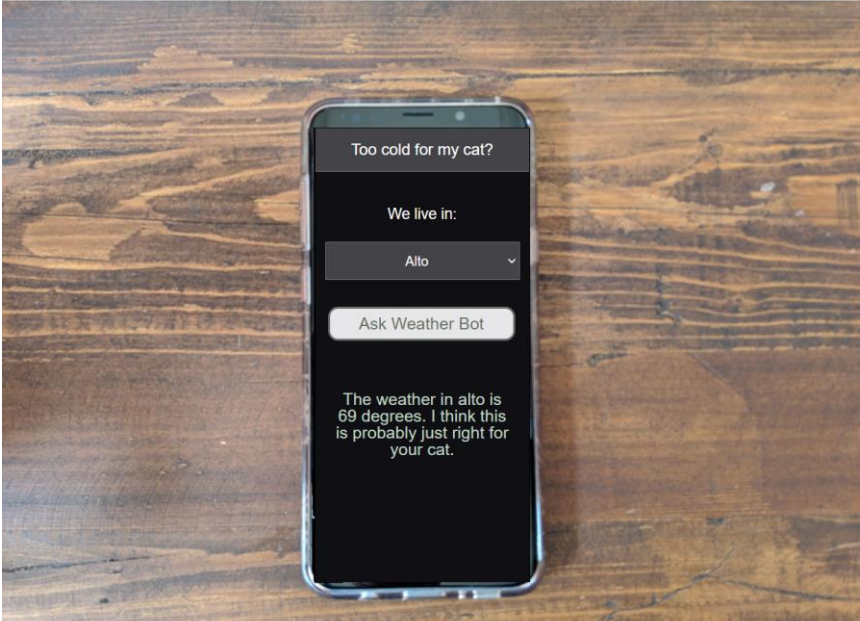
Find by name

Name	Folder	Type	Size	Status	Error
config.js	-	text/javascript	34.0 B	Succeeded	-

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getWeather - Lambda x API Gateway - Create x static-website-hosting x 403 Forbidden x CloudFront x Who let the cats out? x https://n5ze14xp0.execute-api.us-east-1.amazonaws.com/s3/upload/skill02?region=us-east-1&prefix=scripts/

d1k8hpjg1glvh.cloudfront.net/text.html



The weather in alto is 69 degrees. I think this is probably just right for your cat.

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