

Data Platform API Access

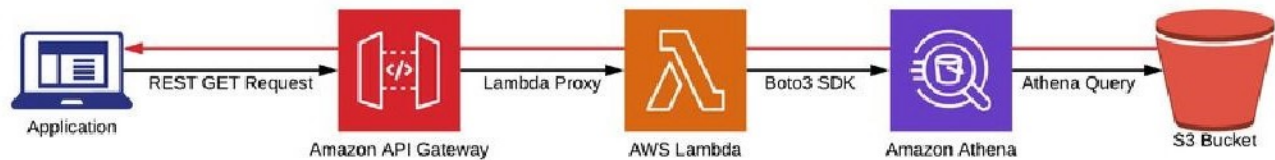
Pricing

AWS API Gateway Pricing - <https://aws.amazon.com/api-gateway/pricing/>

AWS Lambda Pricing - <https://aws.amazon.com/lambda/pricing/>

AWS Athena Pricing - <https://aws.amazon.com/athena/pricing/>

Architecture



AWS Tutorial

<https://docs.aws.amazon.com/apigateway/latest/developerguide/api-gateway-create-api-as-simple-proxy-for-lambda.html>

NWEA Growth Report API Test

The information below details the POC API that was created to test the delivery of mocked NWEA data. The design follows the architecture above.

URL

Request Parameters

```
{
  "studentids":
    [studentid1, studentid2, ...]
}
```

- if there are no parameters, every object is returned (limit right now for testing is 100)
- studentids are currently mocked, some examples in the data set are 8514 and 6322

Response Syntax

```
[
  {
    "studentbid": "string",
    "studentid": "string",
    "schoolbid": "string",
    "districtbid": "string",
    "season": "string",
    "termname": "string",
    "subject": "string",
    "grade": "string",
    "testname": "string",
    "testdate": "string",
    "rit": "string",
    "shown": "string",
    "correct": "string",
    "instructionalareas": {
      "score": "string",
      "instructionalareaname": "string"
    },
    "norms": {
      "reference": "string",
      "percentile": "string"
    }
  },
  { ... }
]
```

Validating the API Works in Postman

GET

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

Query Params

	KEY	VALUE
<input checked="" type="checkbox"/>	studentids	8514
<input checked="" type="checkbox"/>	studentids	6322
	Key	Value

Body

Cookies

Headers (7)

Test Results

Pretty

Raw

Preview

Visualize BETA

JSON

1

2

3

4

5

6

7

{

"studentbid": "B693-0RNL-I669-Y6KR",

"studentid": "8514",

"schoolbid": "CPXC-94NZ-MT0X-R6KJ",

"districtbid": "MLFT-GN1H-XZ58-I12D",

"districtid": "1234"

}