1. Lambda function configuration and test results.

2. API Gateway configutation and test result.

API Gateway > APIs > Resources - DateTimeAPI (qetwwrwf4a)

API Gateway ‹

APIs
Custom domain names
Domain name access associations
VPC links

▼ **API: DateTimeAPI**

Resources
Stages
Authorizers
Gateway responses
Models
Resource policy
Documentation
Dashboard
API settings

Usage plans
API keys
Client certificates
Settings

Resources

Create resource

☐ /
  ☐ /date-time
    GET

/date-time - GET - Method execution   Update documentation   Delete

ARN
arn:aws:execute-api:us-east-1:103619411293:qetwwrwf4a/*/GET/date-time

Resource ID
lcnsza

Client →
Method request →
Integration request →
Lambda integration

Method response ←
Integration response
Proxy integration ←

Method request | Integration request | Integration response | Method response | Test

Method request settings   Edit

Authorization
CognitoAuthorizer

API key required
False

Request validator
None

SDK operation name
Generated based on method and path

Request paths (0)   ‹ 1 ›

Name ▽ | Caching ▽

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ces - DateTimeAPI (qetwwrwf4a)

Create resource

☐ /
  ☐ /date-time
    GET

Test

ⓘ **/date-time - GET method test results**

Request
/date-time

Latency ms
309

Status
200

Response body

```
{"message":"Current date and time","dateTime":"2025-04-10T19:43:34.196Z"}
```

Response headers

```
{
  "X-Amzn-Trace-Id": "Root=1-67f81f65-
0fd2be60503fb86b249304b8;Parent=2bee83dc6d1657cd;Sampled=0;Lineage=1:5ff93262:0"
}
```

Logs

```
Execution log for request 03a09591-aebd-4c80-a32f-7f95b0d055f8
Thu Apr 10 19:43:33 UTC 2025 : Starting execution for request: 03a09591-aebd-4c80-a32f-
7f95b0d055f8
Thu Apr 10 19:43:33 UTC 2025 : HTTP Method: GET, Resource Path: /date-time
Thu Apr 10 19:43:33 UTC 2025 : Method request path: {}
Thu Apr 10 19:43:33 UTC 2025 : Method request query string: {}
Thu Apr 10 19:43:33 UTC 2025 : Method request headers: {}
Thu Apr 10 19:43:33 UTC 2025 : Method request body before transformations:
Thu Apr 10 19:43:33 UTC 2025 : Endpoint request URI: https://lambda.us-east-
1.amazonaws.com/2015-03-31/functions/arn:aws:lambda:us-east-
1:103619411293:function:dateTimeFunction/invocations
Thu Apr 10 19:43:33 UTC 2025 : Endpoint request headers: {X-Amz-Date=20250410T194333Z, x-
amzn-apigateway-api-id=qetwwrwf4a, Accept=application/json, User-
Agent=AmazonAPIGateway_qetwwrwf4a, Host=lambda.us-east-1.amazonaws.com, X-Amz-Content-
```

3. Amazon Cognito

4. API Gateway configutation and test result after integrating with Amazon Cognito