

Tarea: Autenticación y Autorización con AWS Cognito (User Pool + Identity Pool)

1) Evidencia de Cognito (Identity Pool)

The screenshot shows the AWS Cognito User Pools Overview page. The user pool name is "User pool - x9kst2". Key details include:

- User pool name: User pool - x9kst2
- User pool ID: us-east-2_XjNGg6RuP
- ARN: arn:aws:cognito-idp:us-east-2:359598899015:userpool/us-east-2_XjNGg6RuP
- Token signing key URL: https://cognito-idp.us-east-2.amazonaws.com/us-east-2_XjNGg6RuP/.well-known/jwks.json
- Created time: January 21, 2026 at 16:37 GMT-5
- Last updated time: January 21, 2026 at 16:37 GMT-5
- Estimated number of users: 1
- Feature plan: Essentials

The sidebar shows navigation options like Overview, Applications, User management, and Authentication.

Evidencia de Endpoints (3 accesos)

Public cualquiera puede entrar, sin token.

The screenshot shows a POSTMAN interface with the following details:

- Method: GET
- URL: http://localhost:8080/api/public
- Headers:
 - Content-Type: application/json
 - Accept: application/json
- Body (JSON):

```
1 {  
2   "mesagge": "Todo ok. Este es un endpoint publico"  
3 }
```
- Status: 200 OK
- Time: 1.20 s
- Size: 384 B

Restricted solo puede entrar alguien que hizo login (token válido).

The screenshot shows the Postman interface with a failed API request. The URL is `http://localhost:8080/api/restricted`. The response status is **403 Forbidden**, with a duration of 52 ms and a size of 300 B. The response body is a single digit `1`.

The screenshot shows the Postman interface with a successful API request after adding an Authorization header. The URL is `http://localhost:8080/api/restricted`. The response status is **200 OK**, with a duration of 2.38 s and a size of 403 B. The response body is a JSON object with a message: `{ "message": "Todo Ok. Este es un endpoint para usuarios autenticados" }`.

Restricted Admin solo puede entrar alguien que hizo login y además pertenece al grupo admin.

The screenshot shows the Postman interface with the following details:

- URL:** http://localhost:8080/api/restricted/admin
- Method:** GET
- Headers:** Authorization (Value: Bearer eyJraWQiOllyc3pSOGRrOVNSSVE1VkfwekpSbHZwOXM...)
- Body:** Raw JSON response:

```
1 {  
2   "mesagge": "Todo Ok. Este es un endpoint solo para admins"  
3 }
```
- Status:** 200 OK
- Time:** 1.88 s
- Size:** 393 B

The screenshot shows the Postman interface with the following details:

- URL:** http://localhost:8080/api/restricted/admin
- Method:** GET
- Headers:** Authorization (Value: Bearer eyJraWQiOllyc3pSOGRrOVNSSVE1VkfwekpSbHZwOXM...)
- Body:** Raw JSON response:

```
1 
```
- Status:** 403 Forbidden
- Time:** 627 ms
- Size:** 509 B

A note at the bottom of the body section says: "Try with different auth credentials".

The screenshot shows the Postman application interface. On the left, there's a sidebar with sections for Collections, Environments, History, Flows, Files (Beta), Cloud View, Find and replace, Console, and Terminal. The main area has tabs for Home, Workspaces, and API Network. The API Network tab is active, showing a sequence of requests: GET Get data, POST new token (selected), GET /api/public, GET /api/restricted, and GET api/restricted/admin. The 'new token' request is detailed as a POST to <https://us-east-2jxngg6rup.auth.us-east-2.amazoncognito.com/oauth2/token>. The Body tab shows the following JSON payload:

```
grant_type:authorization_code
client_id:3ads28jkqkq5pf9gtma3vbc2o
client_secret:1kl9hpqunlks0veij9iti6agotdp9va9h4s95vrnrrf2e6kd23i2
code:deb0ef6-84fb-4c61-b52f-a9dea6f43b75
redirect_uri:https://d8411y8p4kdic.cloudfront.net
```

The response status is 200 OK with a 731 ms duration and 4.48 KB size. The response body is a large JSON object containing tokens and other metadata.

LINK – REPOSITORIO – GITHUB

https://github.com/elizabeth27256/015_auth.git