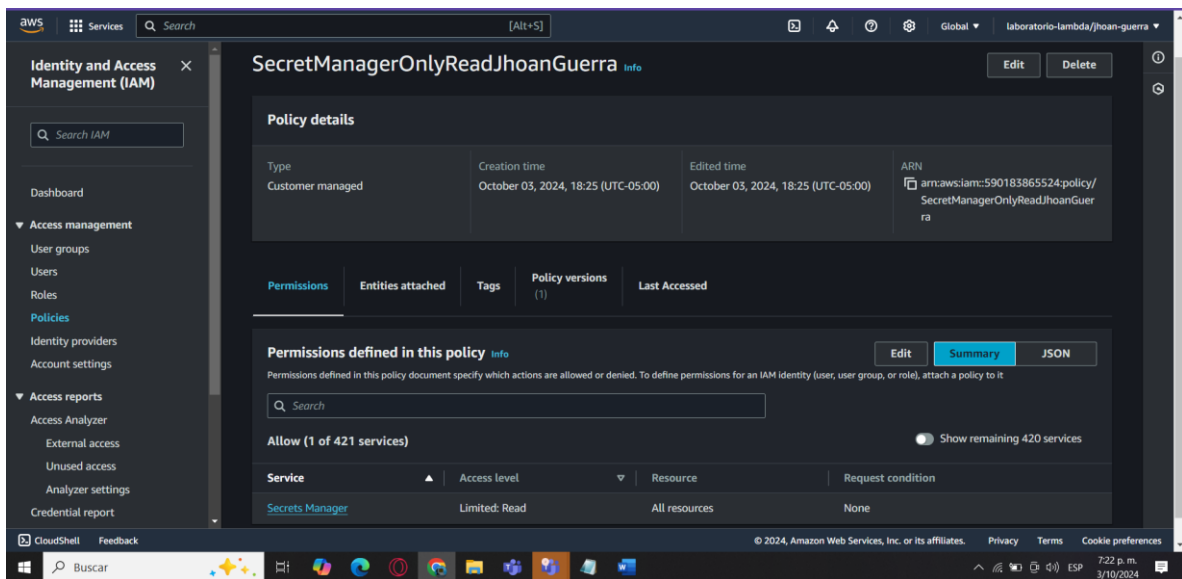
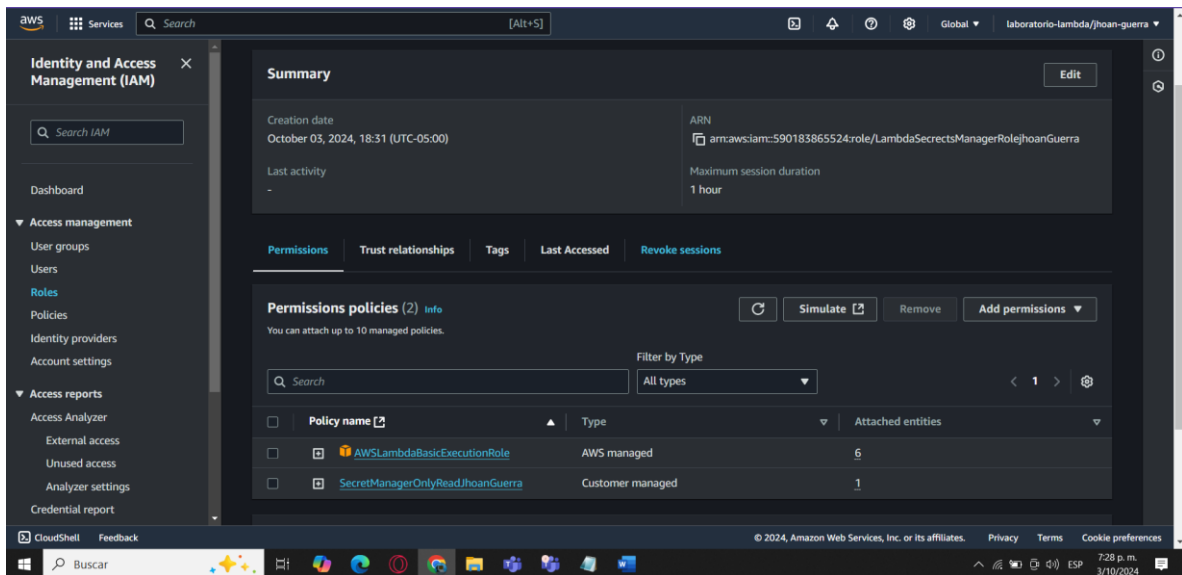
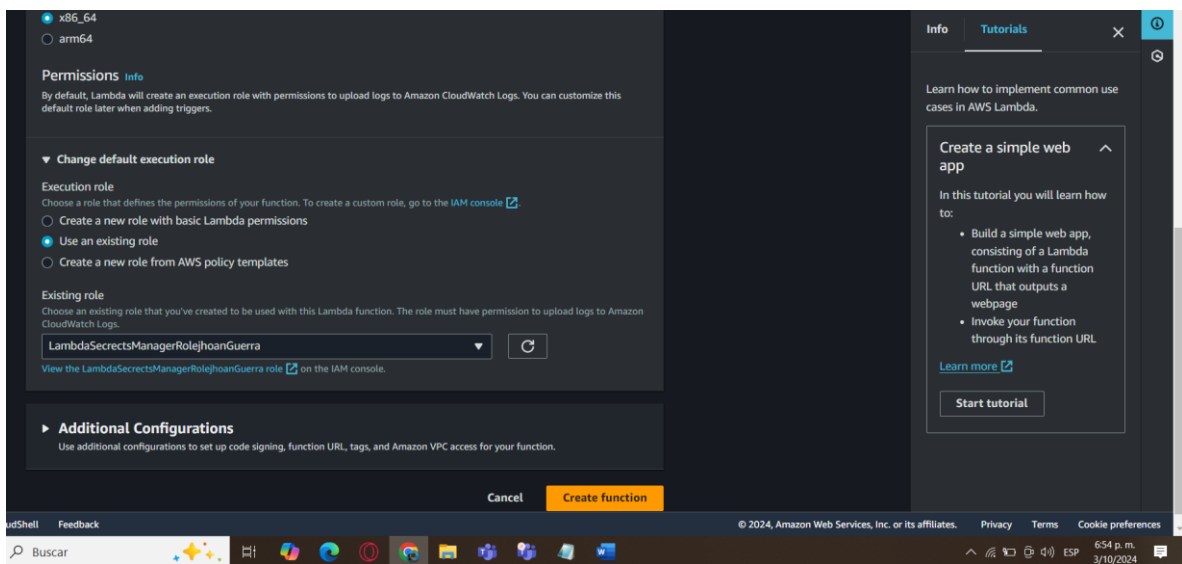
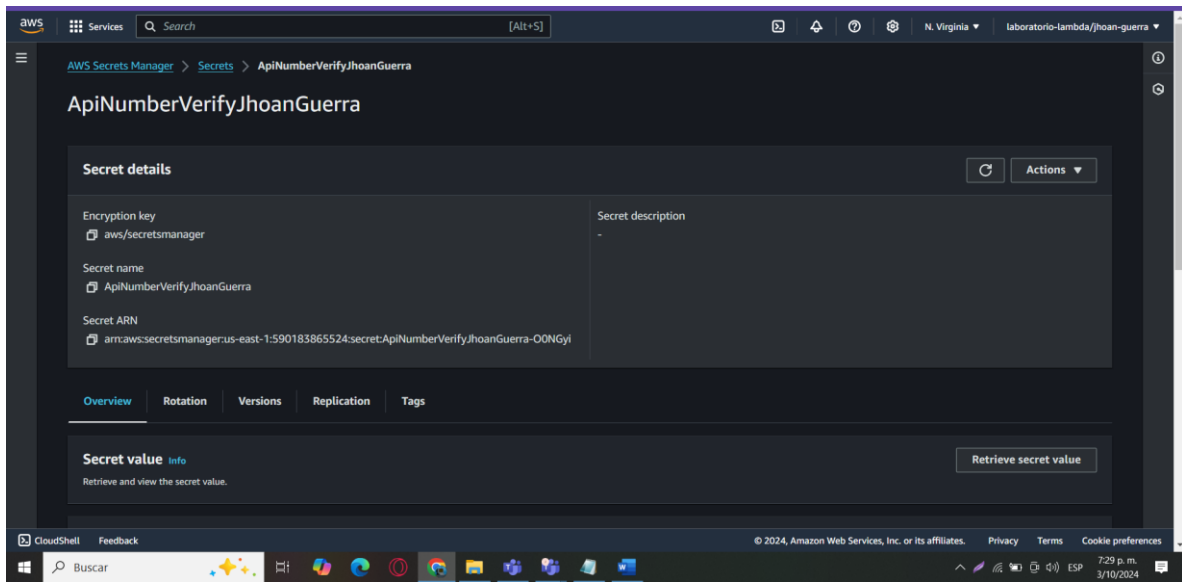


# PRACTICA LAMBDA-IAM-SM-CW

Buen dia, en esta ocasión se realizo una actividad practica sobre lambda, en la cual se utilizaron varios servicios para la funcion de la misma, creamos una politica personalizada en JSON, seguido a esto creamos un rol en el cual anexamos la politica personalizada y adiccionamos una mas predeterminada de AWS, luego creamos un secreto en cual contiene la API Key de numverify, ya luego desplegamos una lambda y le subimos el codigo se encontraba en la guia, una vez fue exitoso procedemos con la visualizacion de las acciones en cloudwatch y ya luego el borrado de todos los recursos que utilizamos....





Successfully created the function `ValidatePhoneNumberJhoanGuerra`. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

### Code source

Upload from

File Edit Find View Go Tools Window Test Deploy Changes not deployed

Go to Anything (Ctrl-P)

index.mjs

```
1 import { SecretsManagerClient, GetSecretValueCommand } from "@aws-sdk/client-secrets-manager"; // Importa solo lo necesario
2 const client = new SecretsManagerClient({ region: "us-east-1" });
3
4 export const handler = async (event) => {
5   const secretName = "ApiNumberVerifyJhoanGuerra";
6   console.log("Attempting to retrieve API secret");
7   try {
8     // Obtener la clave de API de Secrets Manager
9     const command = new GetSecretValueCommand({ SecretId: secretName });
10    const data = await client.send(command);
11    console.log("API secret retrieved successfully");
12    const secret = JSON.parse(data.SecretString);
13    const accessKey = secret.apiKey;
14
15    // Extraer parámetros didácticos del evento
16    const phoneNumber = event.phoneNumber || "14158586273";
17    const countryCode = event.countryCode || "1";
18    const formatParam = event.formatParam || "1";
19
20    // Construir la URL de la API
21    const apiUrl = `http://apiplayer.net/api/validate?access_key=${accessKey}&number=${phoneNumber}&country_code=${countryCode}&format=${formatParam}`;
22
23    // Realizar la solicitud HTTP usando fetch
24    const response = await fetch(apiUrl);
25    const result = await response.json();
26    console.log("API request successful");
27    // Devolver la respuesta en formato JSON
28    return {
29      "statusCode": 200,
30      "body": JSON.stringify(result)
31    };
32  } catch (error) {
33    console.error("Error retrieving secret or making request:", error);
34    return {
35      "statusCode": 500,
36      "body": "Internal server error"
37    };
38  }
39}
```

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7:09 p.m. 3/10/2024

Successfully updated the function `ValidatePhoneNumberJhoanGuerra`.

### Execution results

Test Event Name: TestEventJhoan

Status: Succeeded Max memory used: 94 MB Time: 942.51 ms

Response

```
{
  "statusCode": 200,
  "body": "{\"valid\":true,\"number\":\"1573209353376\",\"local_format\":\"10X 04003209353376\",\"international_format\":\"1573209353376\"}"
}
```

Function Logs

```
START RequestId: ab628b96-44b6-4210-8d11-53310d1fcad7 Version: $LATEST
2024-10-04T00:18:18.729Z ab628b96-44b6-4210-8d11-53310d1fcad7 INFO Attempting to retrieve API secret
2024-10-04T00:18:19.040Z ab628b96-44b6-4210-8d11-53310d1fcad7 INFO API secret retrieved successfully
2024-10-04T00:18:19.257Z ab628b96-44b6-4210-8d11-53310d1fcad7 INFO API request successful
END RequestId: ab628b96-44b6-4210-8d11-53310d1fcad7
REPORT RequestId: ab628b96-44b6-4210-8d11-53310d1fcad7 Duration: 942.51 ms Billed Duration: 943 ms Memory Size: 128 MB Max Memory Used: 94 MB
```

Request ID: ab628b96-44b6-4210-8d11-53310d1fcad7

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7:18 p.m. 3/10/2024

The test event `USAJHOANT` was successfully saved.

Executing function: succeeded (logs)

Details

The area below shows the last 4 KB of the execution log.

```
{
  "body": "
  {
    \"valid\":true,\"number\":\"17048812510\",\"local_format\":\"7048812510\",\"international_format\":\"17048812510\",\"country_prefix\":\"+1\",
    \"country_code\":\"US\",\"country_name\":\"United States of America\",\"location\":\"Statesville\",\"carrier\":\"\",\"line_type\":\"landline\"
  }
  "
}
```

Summary

Code SHA-256	Execution time
NT4Z0v3ROG17wzdfJ3Q0TWpEwatl/c54ShvCkx8=	30 seconds ago
Request ID	Function version
e9a1cebb-36cf-4e52-9556-7d0cdfb823fa	\$LATEST
Duration	Billed duration
88.46 ms	89 ms
Resources configured	Max memory used
128 MB	106 MB

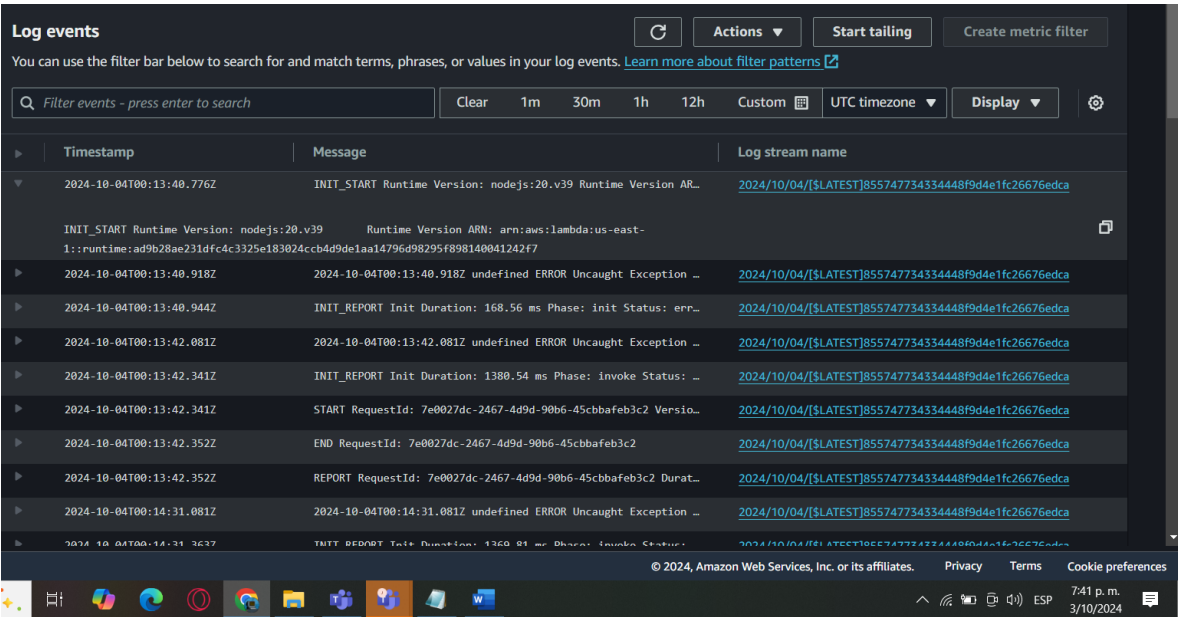
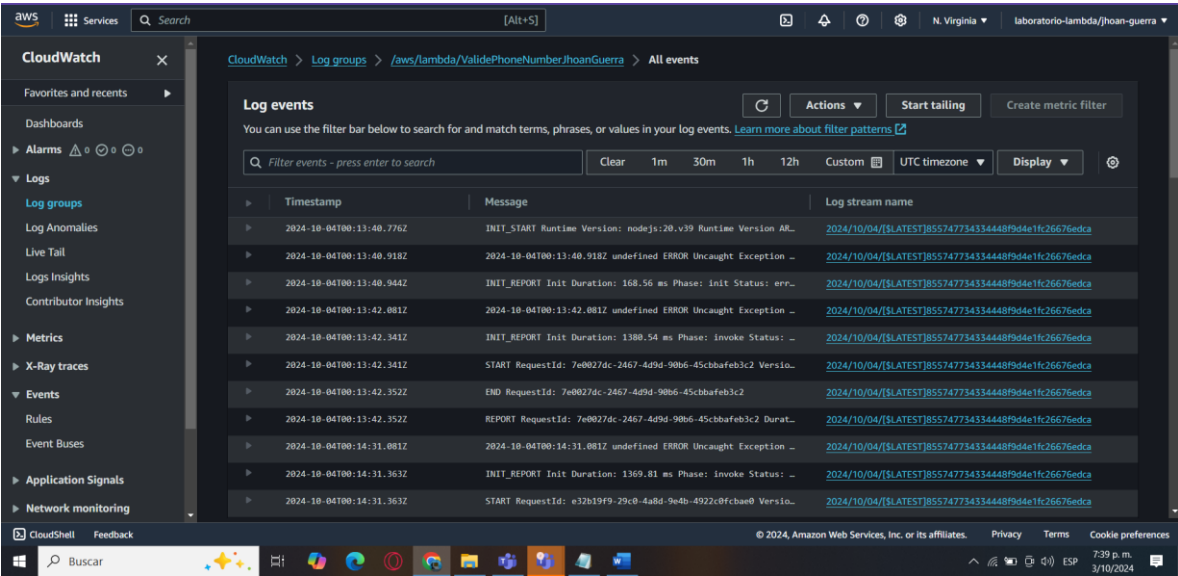
Log output

The section below shows the logging calls in your code. [Click here](#) to view the corresponding CloudWatch log group.


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## ApiNumberVerifyJhoanGuerra

 This secret has been scheduled for deletion.

Secret details			Cancel deletion
Encryption key	Secret description		
 aws/secretsmanager			
Secret name	Deleted on		
 ApiNumberVerifyJhoanGuerra			
Secret ARN	3/10/2024		
 arn:aws:secretsmanager:us-east-1:590183865524:secret:ApiNumberVerifyJhoanGuerra-O0NGyi			