




Padlet S10 Ejercicio propuesto 1

Creación de la instancia DynamoDB t_alumnos_seguridad


[Alt+S]



N. Virginia ▼

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t_alumnos_seguridad



Actions ▼

Explore table items

<

Overview

Indexes


Monitor

Global tables

Backups

Exports and streams




Add >

**Protect your DynamoDB table from accidental writes and deletes**

Edit PITR ✕


When you turn on point-in-time recovery (PITR), DynamoDB backs up your table data automatically so that you can restore to any given second in the preceding 35 days. Additional charges apply. [Learn more](#)

General information

Partition key tenant_id (String)	Sort key alumno_id (String)	Capacity mode On-demand	Table status  Active
Alarms  No active alarms	Point-in-time recovery (PITR) Info  Off		

► Additional info

Creación de la función lambda CrearAlumno_Seguridad

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

Code | Test | Monitor | Configuration | Aliases | Versions

Code source [Info](#)

File Edit Find View Go Tools Window

Test ▼

Deploy

Changes not deployed

Go to Anything (Ctrl-P)

Environment

- CrearAlumno_Seguri
 - lambda_function.py

lambda_function

```
1 import json
2 import boto3
3
4 def lambda_handler(event, context):
5     # Entrada (json)
6     print(event) # Revisar en CloudWatch
7     alumno_json = json.loads(event['Records'][0]['Sns']['Message'])
8     # Proceso
9     dynamodb = boto3.resource('dynamodb')
10    table = dynamodb.Table('t_alumnos_seguridad')
11    alumno = {
12        'tenant_id': alumno_json['tenant_id'],
13        'alumno_id': alumno_json['alumno_id'],
14        'alumno_nombre': alumno_json['alumno_datos']['nombre']
15    }
16    print(alumno) # Revisar en CloudWatch
17    response = table.put_item(Item=alumno)
18    # Salida (json)
19    return {
20        'statusCode': 200,
21        'response': response
22    }
23
```

Creación de la suscripción

Services

Search

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Topic ARN

arn:aws:sns:us-east-1:896823805584:NuevoAlumno

Protocol

The type of endpoint to subscribe

AWS Lambda

Endpoint

An AWS Lambda function that can receive notifications from Amazon SNS.

arn:aws:lambda:us-east-1:896823805584:function:CrearAlumno_Seguridad

After your subscription is created, you must confirm it.

Info

Subscription filter policy - optional

Info

This policy filters the messages that a subscriber receives.

Subscription filter policy

Subscription to NuevoAlumno created successfully.

The ARN of the subscription is arn:aws:sns:us-east-1:896823805584:NuevoAlumno:80d49ddd-1005-4871-9f94-98648150fac9.

Amazon SNS

Topics

NuevoAlumno

Subscription: 80d49ddd-1005-4871-9f94-98648150fac9

Subscription: 80d49ddd-1005-4871-9f94-98648150fac9

Details

ARN

arn:aws:sns:us-east-1:896823805584:NuevoAlumno:80d49ddd-1005-4871-9f94-98648150fac9

Status

Confirmed

Endpoint

arn:aws:lambda:us-east-1:896823805584:function:CrearAlumno_Seguridad

Protocol

LAMBDA

Topic

NuevoAlumno

Subscription Principal

arn:aws:iam::896823805584:role/voclabs

Test CrearAlumno

```
{
  "tenant_id": "UTEC",
  "alumno_id": "202110216",
}
```

```
"alumno_datos": {
  "nombre": "Luis Méndez",
  "sexo": "M",
  "fecha_nac": "2003-08-06",
  "celular": "923714147",
  "domicilio": {
    "direcc": "C. Chiclayo 710",
    "distrito": "Miraflores",
    "provincia": "Lima",
    "departamento": "Lima",
    "pais": "Perú"
  }
}
```

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t_alumnos_seguridad

Autopreview View table details

▼ Scan or query items

☒ Scan

☐ Query

Select a table or index

Table - t_alumnos_seguridad ▼

Select attribute projection

All attributes ▼

► Filters

Run

Reset

✔ Completed. Read capacity units consumed: 2

✕

Items returned (1)

🔄

Actions ▼

Create item

<

1

>

⚙️

✖️

<input type="checkbox"/>	tenant_id ▼	alumno_id ▼	alumno_nombre ▼
<input type="checkbox"/>	UTEC	202110216	Luis Méndez

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t_alumnos_canvas

Autopreview

View table details

► Scan or query items

Expand to query or scan items.

✓ Completed. Read capacity units consumed: 2



Items returned (2)



Actions ▼

Create item

< 1 > ⚙️

<input type="checkbox"/>	tenant_id ▼	alumno_id ▼	alumno_nombre ▼
<input type="checkbox"/>	UTEC	202077799	Keiko Espinoza
<input type="checkbox"/>	UTEC	202110216	Luis Méndez



AWS Notifications <no-reply@sns.amazonaws.com>

para mí ▼



inglés ▼ > español ▼ Traducir mensaje

{ "tenant_id": "UTEC", "alumno_id": "202110216", "alumno_datos": { "nombre": "Luis M\u00e9ndez", "sexo": "M", "fecha_nac": "2003-01-10", "chiclayo": "Chiclayo 710", "distrito": "Miraflores", "provincia": "Lima", "departamento": "Lima", "pais": "Per\u00fa" } }

...

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