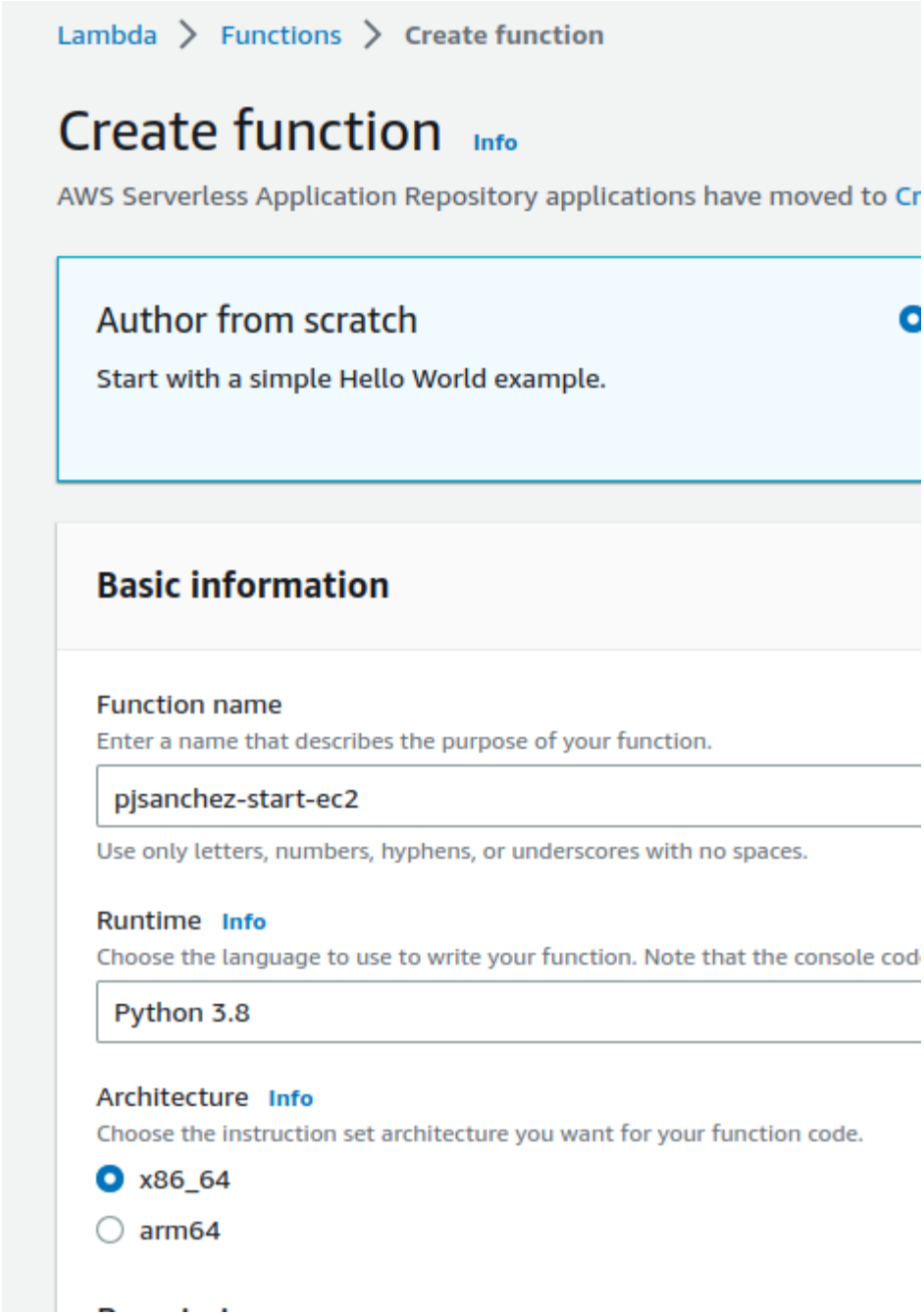
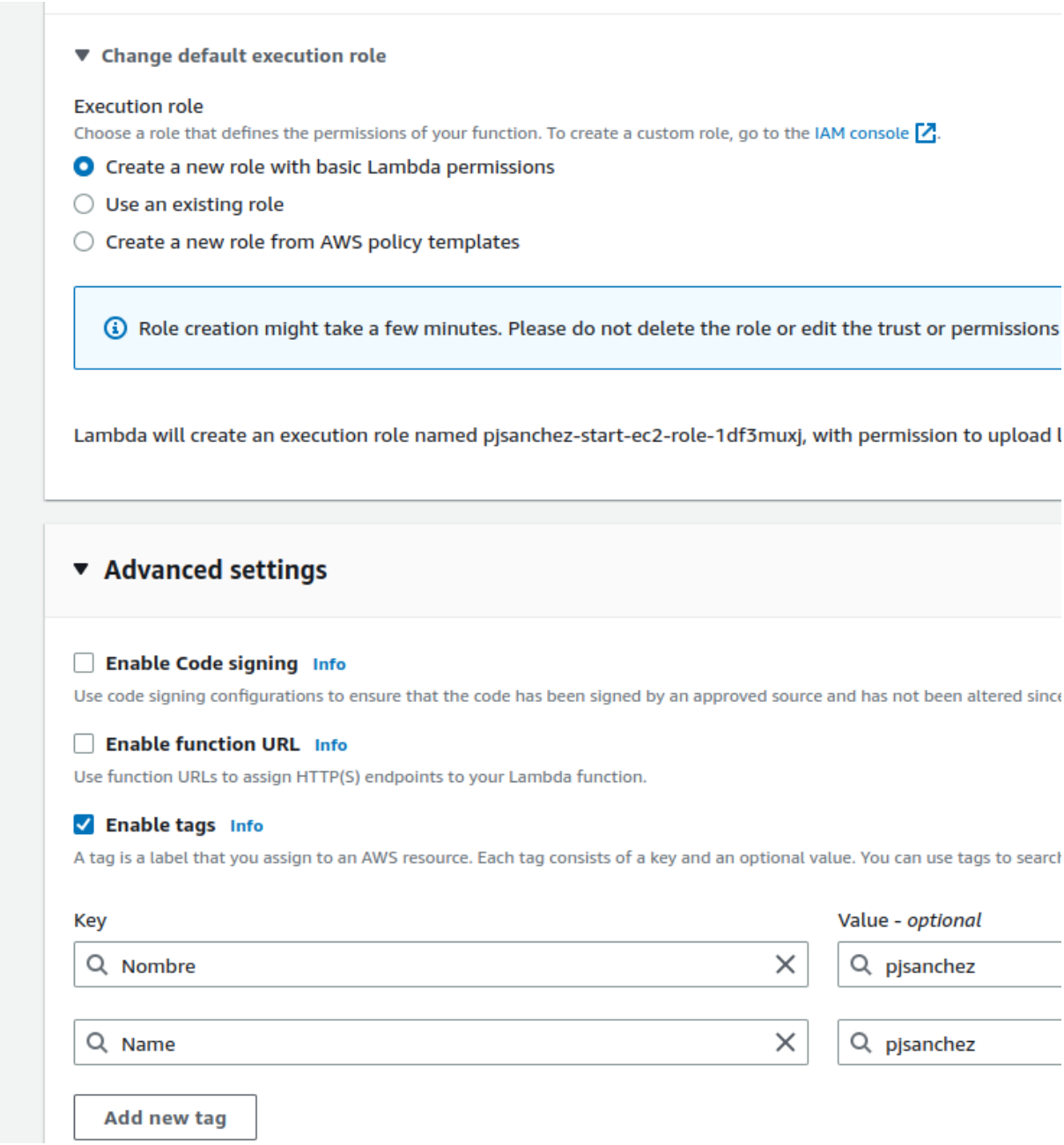
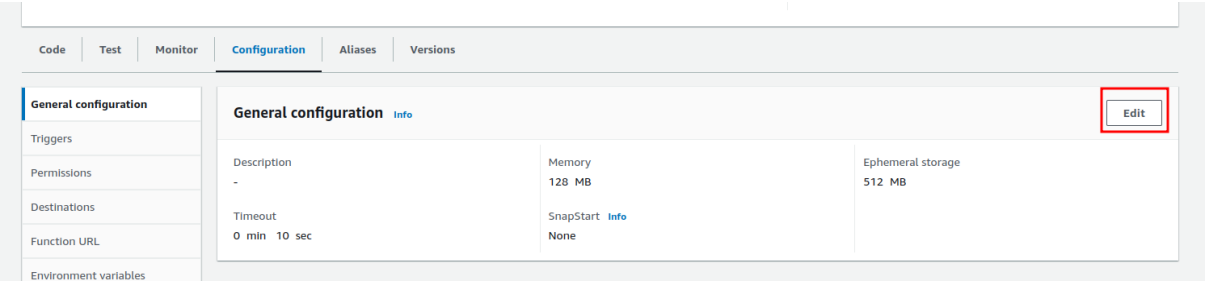
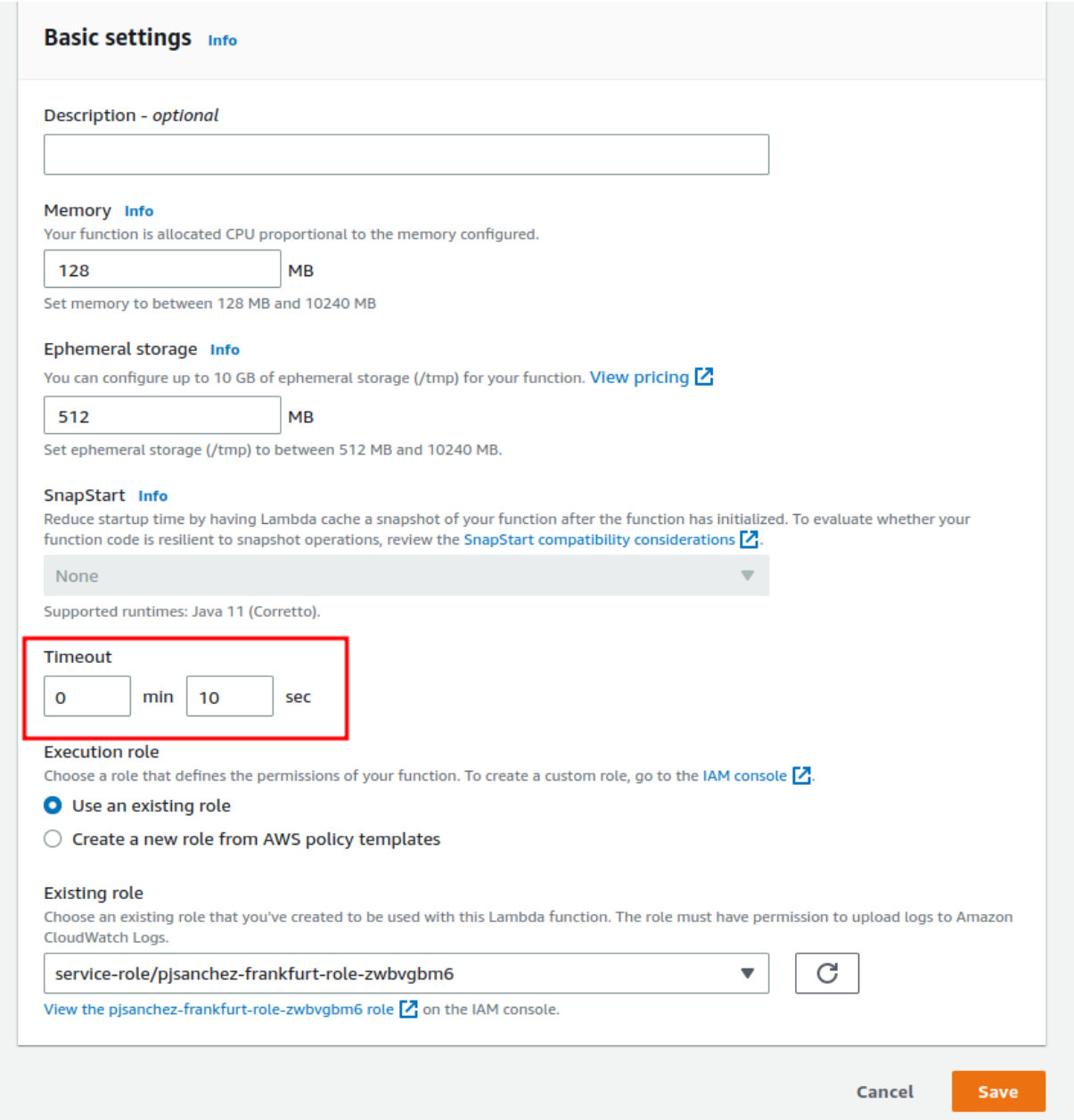
Nos vamos a Lambda y creamos una nueva funcion.



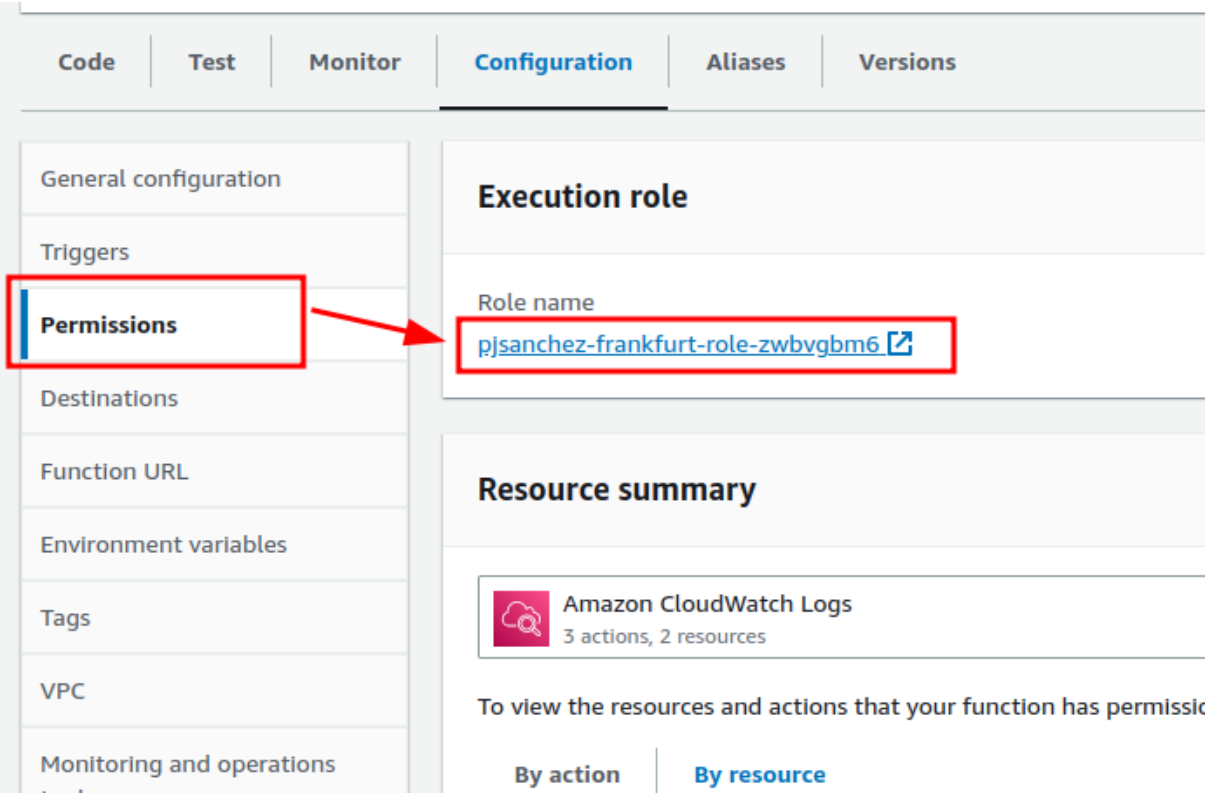


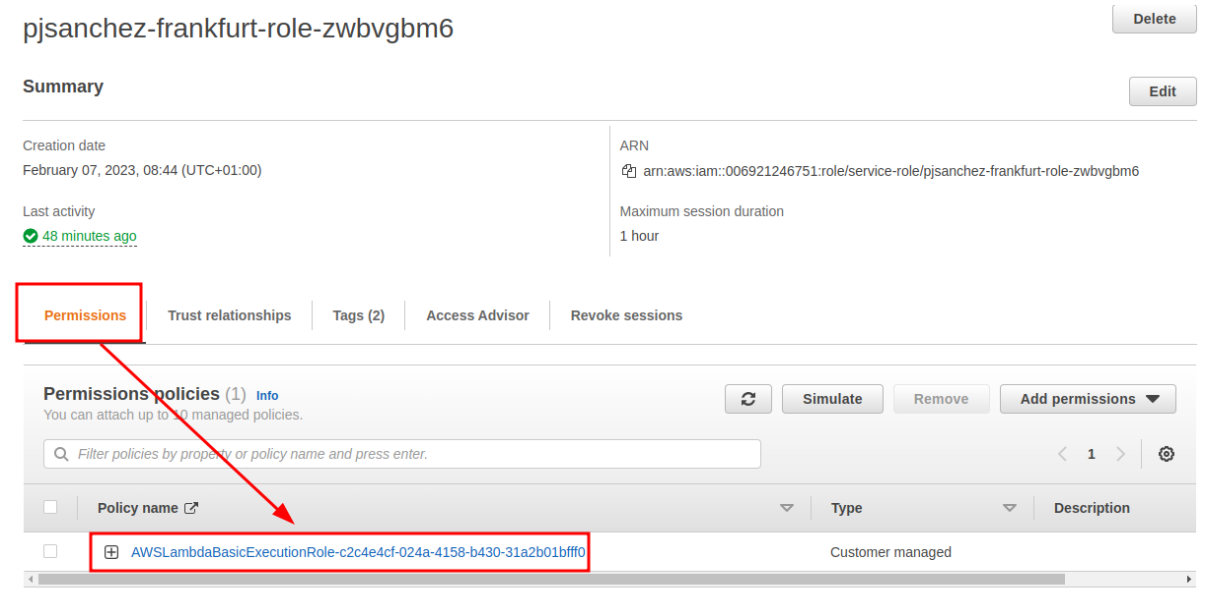
Luego editamos el tema del Timeout entrando ya en la función, le damos de 3 a 10 segundos.

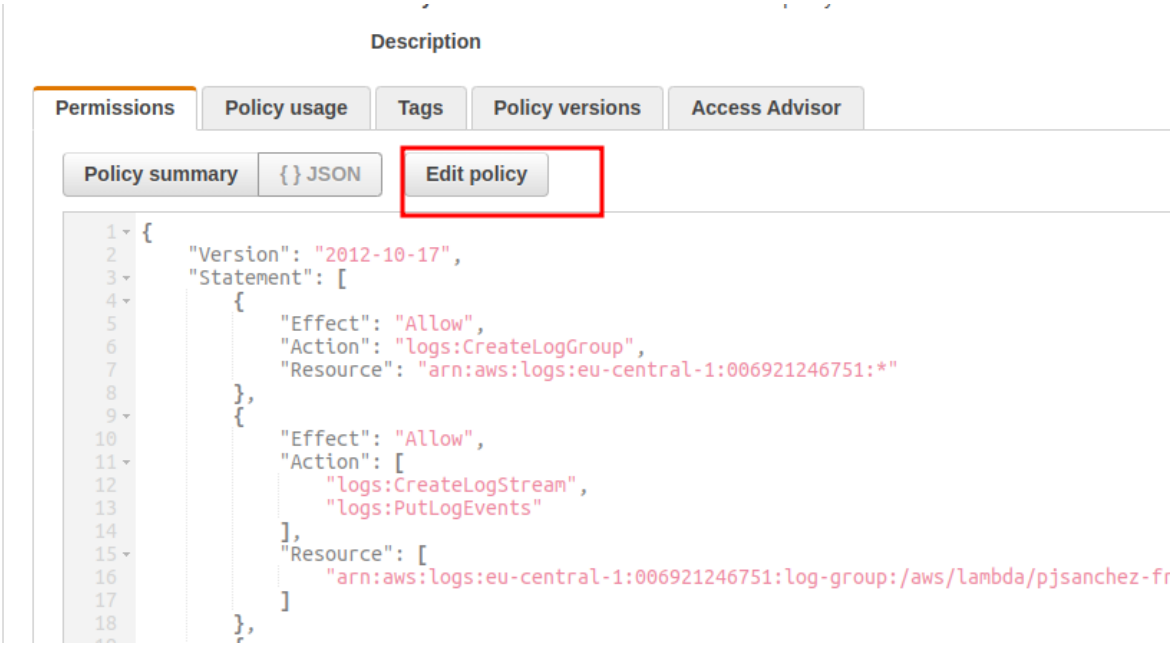




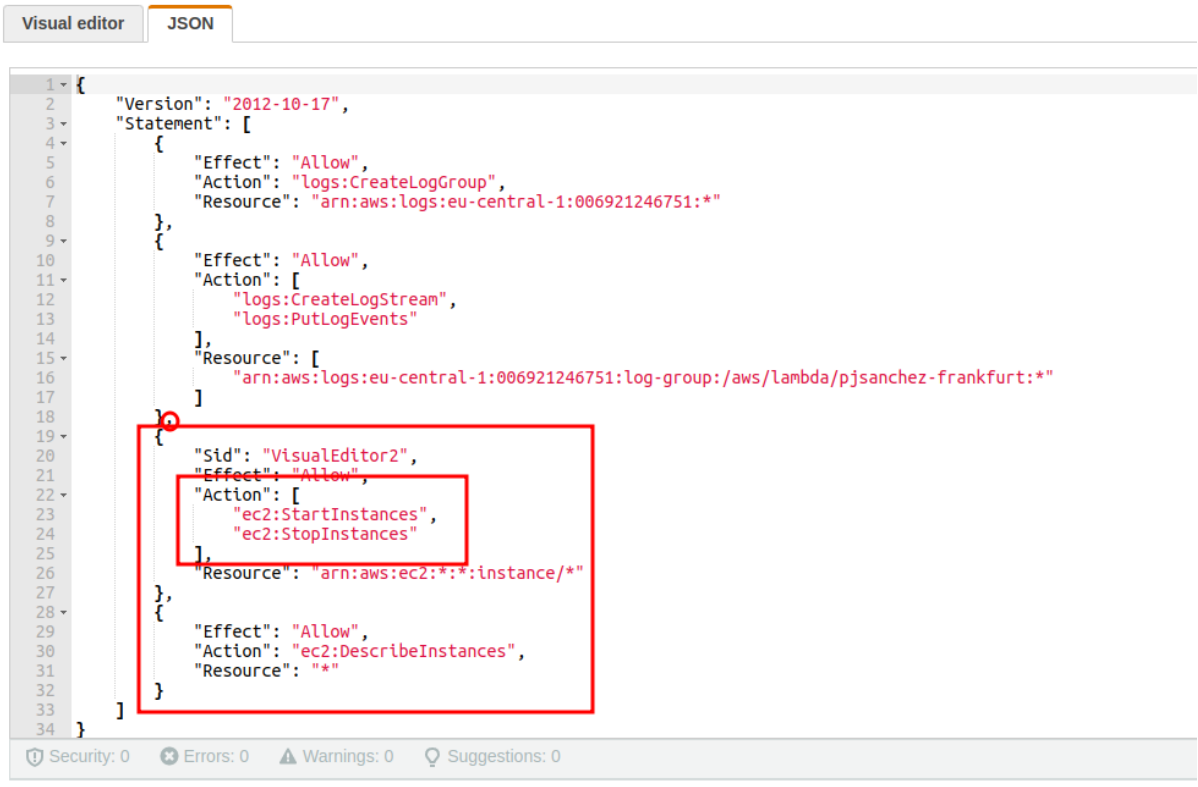
Ahora vamos a tocar el tema de los permisos:

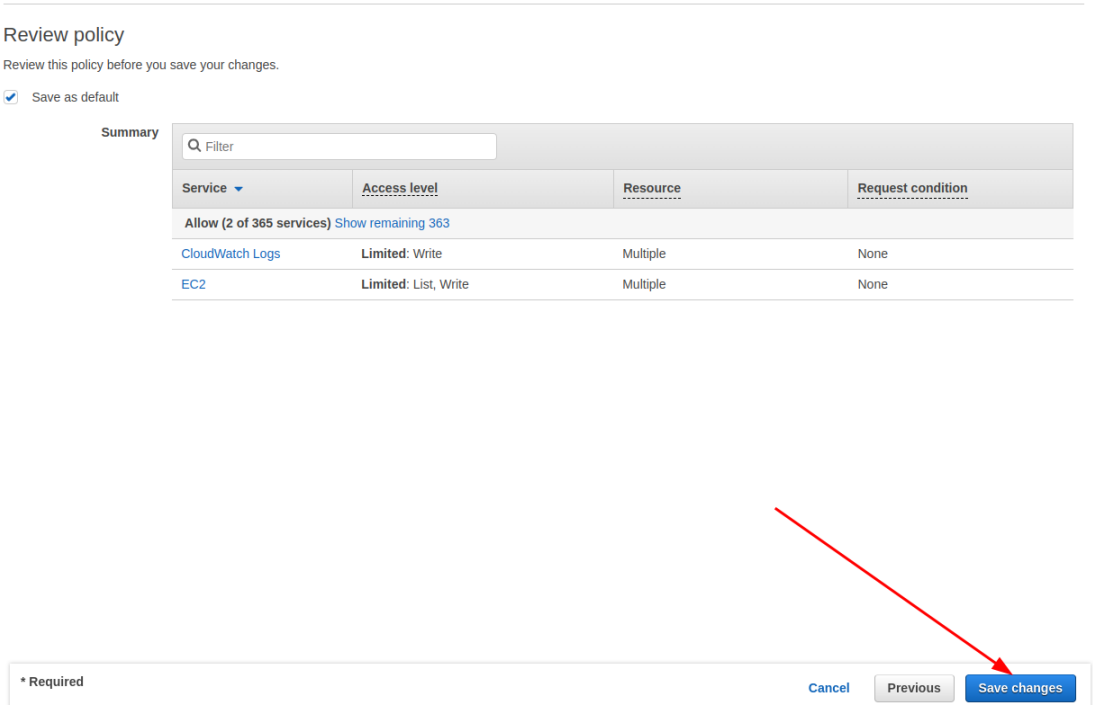

Code
Test
Monitor
Configuration
Aliases
Versions
General configuration
Triggers
Permissions
Destinations
Function URL
Environment variables
Tags
VPC
Monitoring and operations
Execution role
Role name
pjsanchez-frankfurt-role-zwbvgbm6
Resource summary
Amazon CloudWatch Logs
3 actions, 2 resources
To view the resources and actions that your function has permissio
By action
By resource


pjsanchez-frankfurt-role-zwbvgbm6
Delete
Summary
Edit
Creation date
February 07, 2023, 08:44 (UTC+01:00)
ARN
arn:aws:iam::006921246751:role/service-role/pjsanchez-frankfurt-role-zwbvgbm6
Last activity
48 minutes ago
Maximum session duration
1 hour
Permissions
Trust relationships
Tags (2)
Access Advisor
Revoke sessions
Permissions policies (1) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter policies by property or policy name and press enter.
1
Policy name
Type
Description
AWSLambdaBasicExecutionRole-c2c4e4cf-024a-4158-b430-31a2b01bfff0
Customer managed

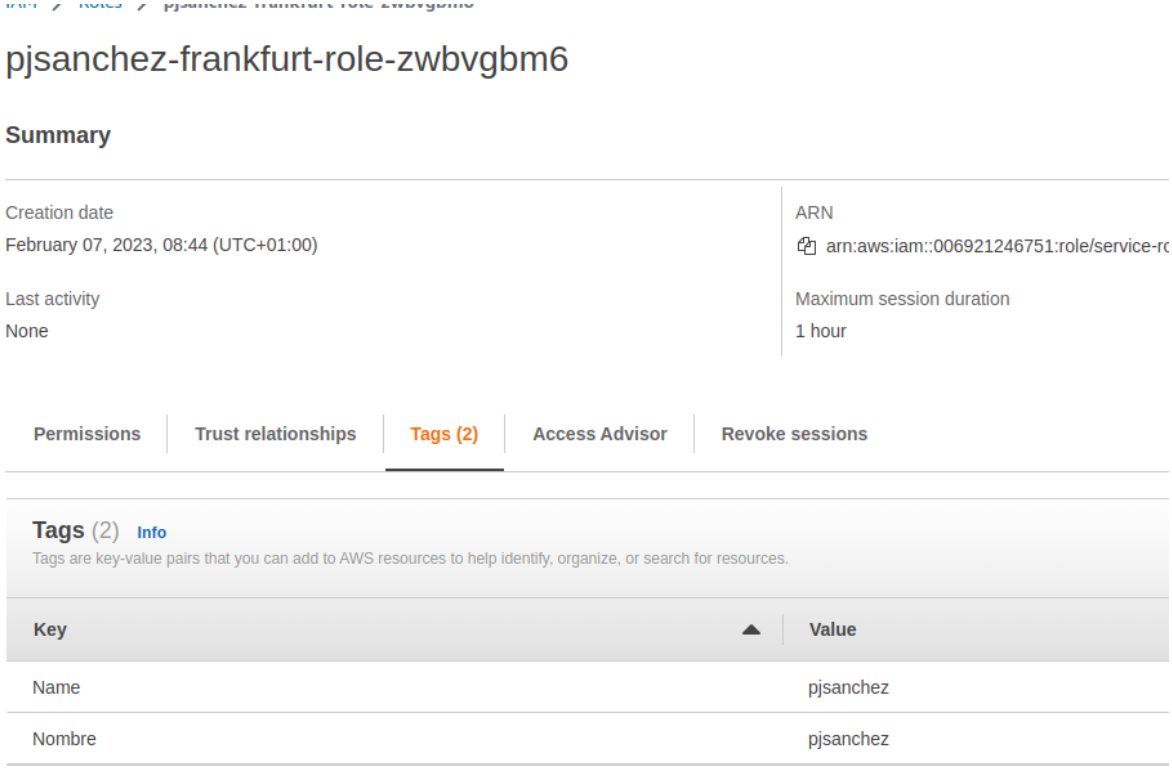


Añadimos lo destacado, teniendo en cuenta la coma por el tema de la sintaxis, y luego, aprovechamos para poner tanto Start como Stop. Abajo le dariamos a Review Policy, y luego a Save Changes.

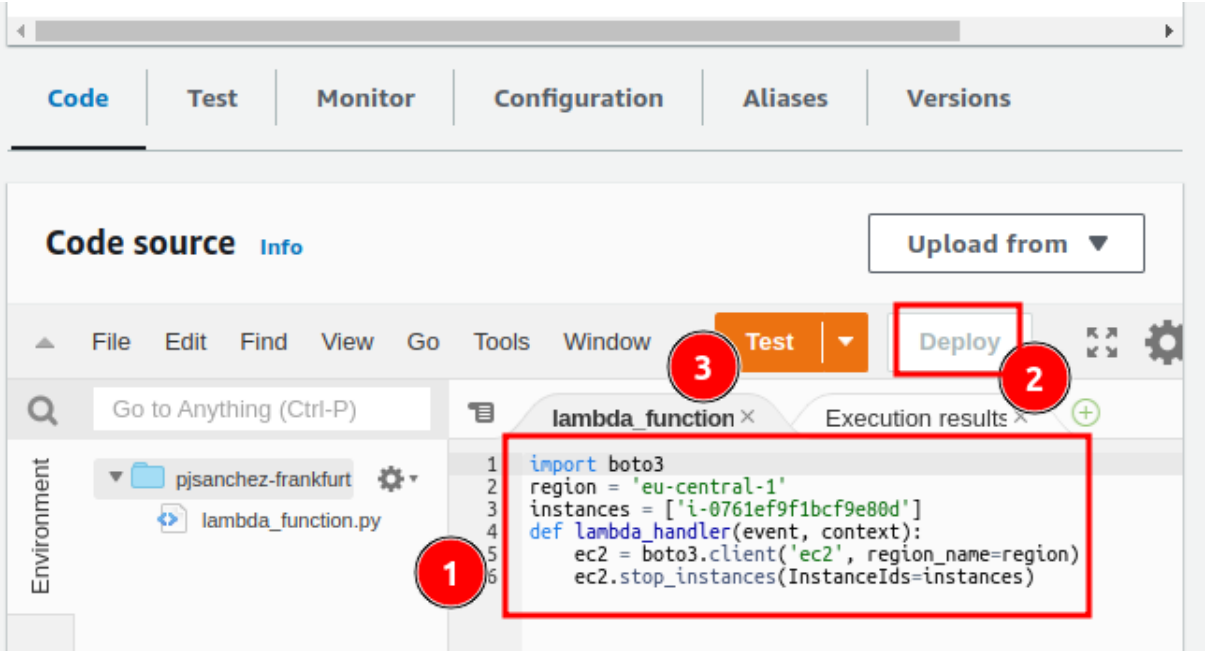




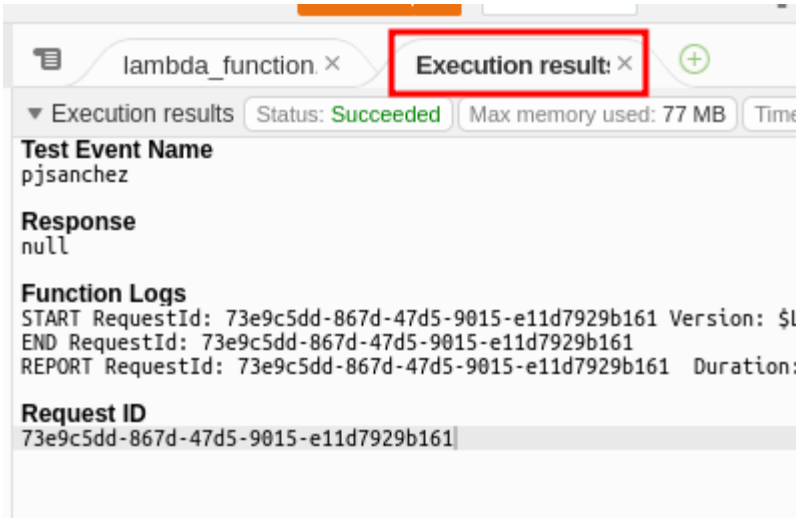
También he cambiado el tema de los Tags:



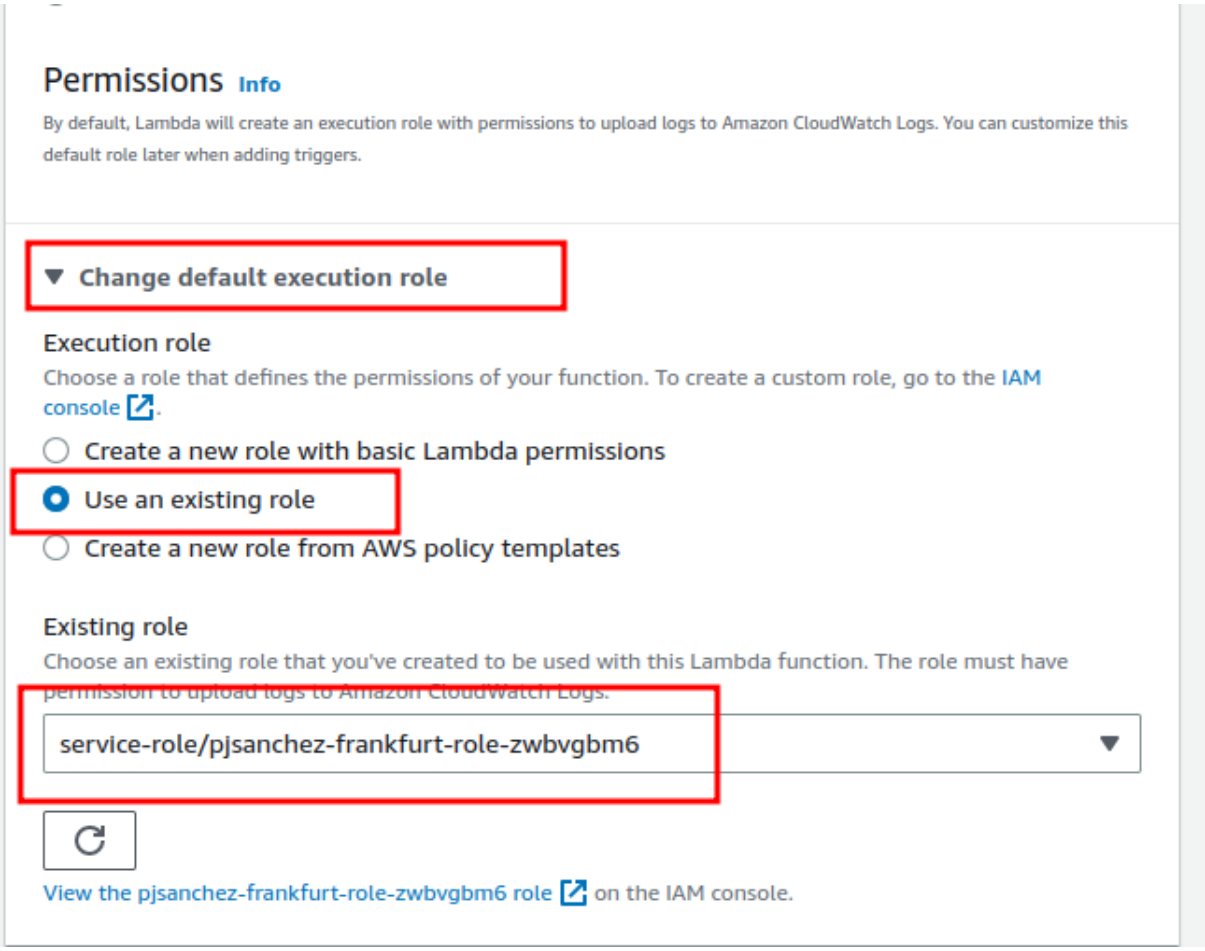
Una vez terminado, ponemos el código, por ejemplo, para parar la máquina, teniendo en cuenta la region y la instancia que queremos tocar. Luego, tenemos que pulsar en Deploy, y luego Test. Nos pedirá un nombre, y no hay que tocar nada más.



Si todo va bien, veremos algo como esto:



Luego, para hacer la de START, tendremos que generar una nueva función Lambda, pero con la diferencia de que podemos usar el rol que hemos modificado anteriormente.



Ahora nos vamos a Amazon Event Bridge para crear el Scheduler.

Pongo capturas de pantalla, pero lo más importante es darse cuenta de que te muestra el horario en que se va a Ejecutar, y que la semana empieza en Domingo, por tanto, lunes a viernes no es 1-5 si no 2-6.

Specify schedule detail

Schedule name and description

Schedule name

pjsanchez-start-ec2-instance

Use only letters, numbers, dashes, dots or underscores. Max 64 characters.

Description - *optional*

Enter description

Maximum of 512 characters.

Schedule group

Each schedule needs to be placed in a schedule group. By default, a schedule is placed in the 'Default' group. You can also **create your own schedule group**. You can only add tags to a schedule group, not a schedule.

default

Schedule pattern

Occurrence Info

You can define an one-time or recurrent schedule.

- ○ One-time schedule
- ◉ Recurring schedule

Schedule type

Choose the schedule type that best meets your needs.

- ◉ **Cron-based schedule**
  A schedule set using a cron expression that runs at a specific time, such as 8:00 a.m. PST on the first Monday of every month.
- ○ **Rate-based schedule**
  A schedule that runs at a regular rate, such as every 10 minutes.

Cron expression Info

Define the cron expression for the schedule

Copy Clear

cron (0 | 8 | ? | * | 2-6 | *)

Minutes	Hours	Day of month	Month	Day of the week	Year

Next 10 trigger dates

Date and time are displayed in your current time zone in UTC format, e.g. "Wed, Nov 9, 2022 09:00 (UTC - 08:00)" for Pacific time

Wed, 08 Feb 2023 08:00:00 (UTC +01:00)
Thu, 09 Feb 2023 08:00:00 (UTC +01:00)
Fri, 10 Feb 2023 08:00:00 (UTC +01:00)
Mon, 13 Feb 2023 08:00:00 (UTC +01:00)
Tue, 14 Feb 2023 08:00:00 (UTC +01:00)
Wed, 15 Feb 2023 08:00:00 (UTC +01:00)
Thu, 16 Feb 2023 08:00:00 (UTC +01:00)
Fri, 17 Feb 2023 08:00:00 (UTC +01:00)
Mon, 20 Feb 2023 08:00:00 (UTC +01:00)
Tue, 21 Feb 2023 08:00:00 (UTC +01:00)

Timeframe

Daylight saving time
Amazon EventBridge Scheduler automatically adjusts your schedule for daylight saving time. When time shifts forward in the Spring, if a cron expression falls on a non-existent date, your schedule invocation is skipped. When time shifts backwards in the Fall, your schedule runs only once and does not repeat its invocation. The following invocations occur normally at the specified date and time.

Timezone - *optional*
The timezone for the schedule.
(UTC +01:00) Europe/Madrid

Start date and time - *optional*
The start date and time of the schedule.
YYYY/MM/DD
YYYY/MM/DD
hh:mm
Use 24-hour format timestamp (hh:mm)

End date and time - *optional*
The end date and time of the schedule.
YYYY/MM/DD
YYYY/MM/DD
hh:mm
Use 24-hour format timestamp (hh:mm)

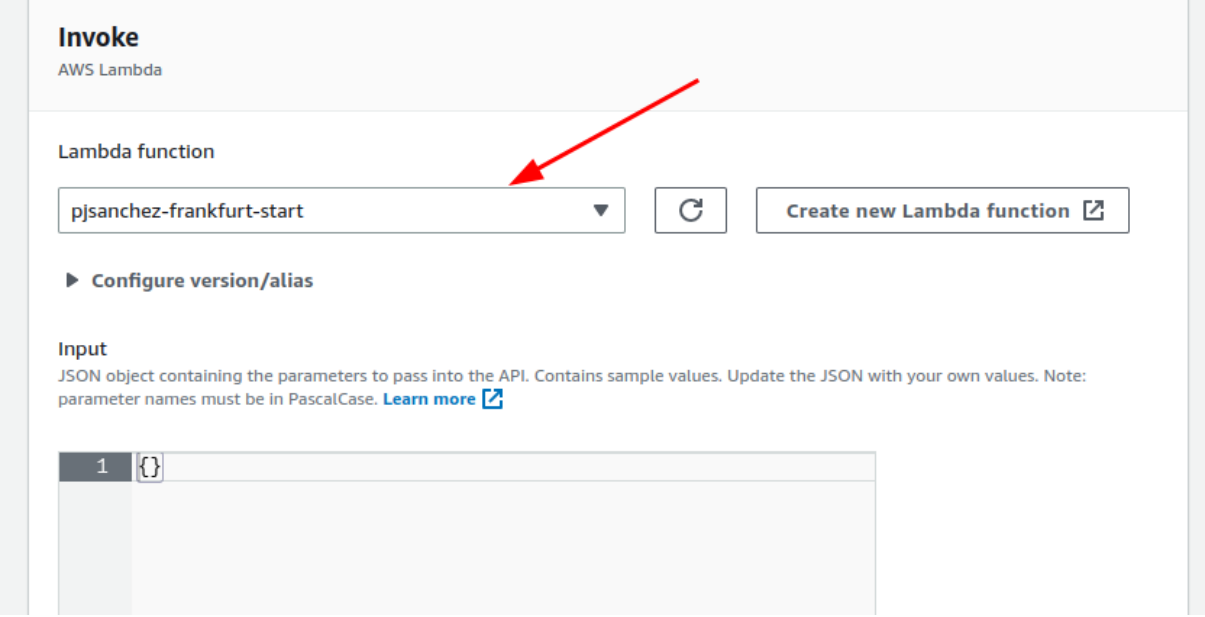
Select target

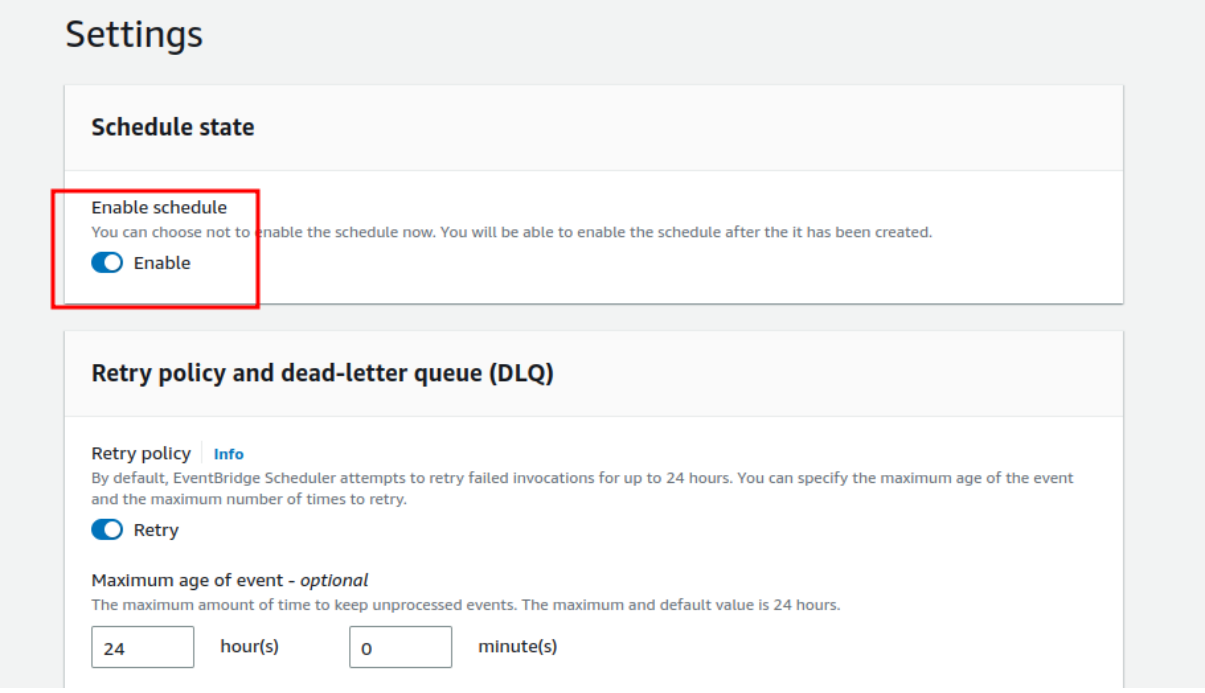
Target detail

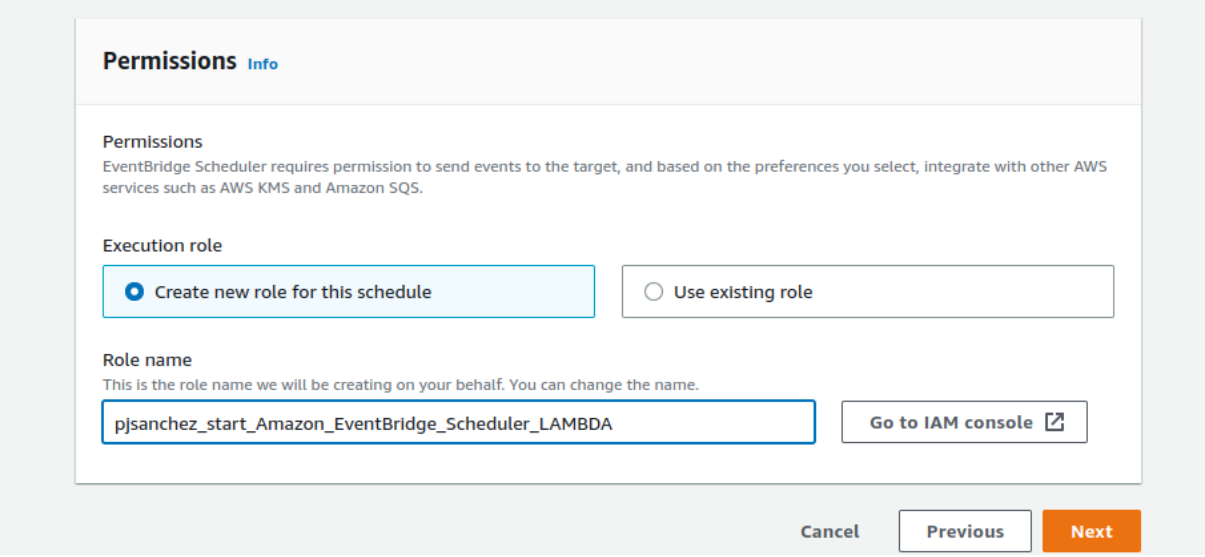
Target Info
Select an API that will be invoked as a target for your schedule.

- Frequently used APIs
- All APIs

- CodeBuild — StartBuild
- CodePipeline — StartPipelineExecution
- Amazon ECS — RunTask
- Amazon EventBridge — PutEvents
- Amazon Inspector V1 — StartAssessmentRun
- Kinesis Data Streams — PutRecord
- Kinesis Data Firehose — PutRecord
- AWS Lambda — Invoke


Invoke
AWS Lambda
Lambda function
pjsanchez-frankfurt-start
Create new Lambda function
Configure version/alias
Input
JSON object containing the parameters to pass into the API. Contains sample values. Update the JSON with your own values. Note: parameter names must be in PascalCase. Learn more
1
{}


Settings
Schedule state
Enable schedule
You can choose not to enable the schedule now. You will be able to enable the schedule after the it has been created.
Enable
Retry policy and dead-letter queue (DLQ)
Retry policy
Info
By default, EventBridge Scheduler attempts to retry failed invocations for up to 24 hours. You can specify the maximum age of the event and the maximum number of times to retry.
Retry
Maximum age of event - optional
The maximum amount of time to keep unprocessed events. The maximum and default value is 24 hours.
24
hour(s)
0
minute(s)



Para el tema de apagarla, pues más de lo mismo, pero cambiando la hora.