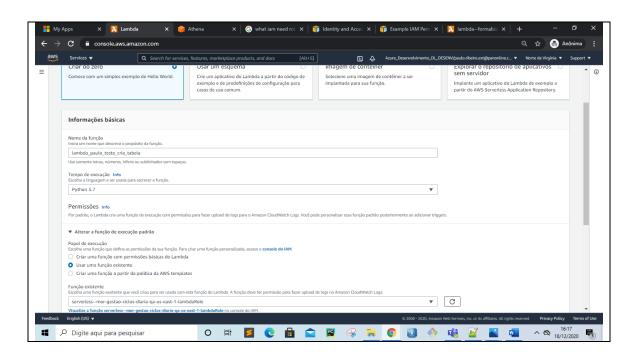
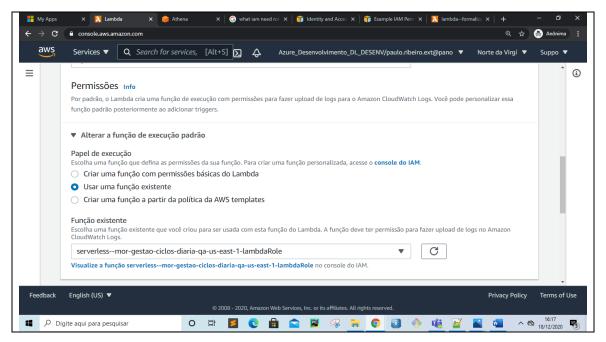
#### Caso de Uso LAMBDA

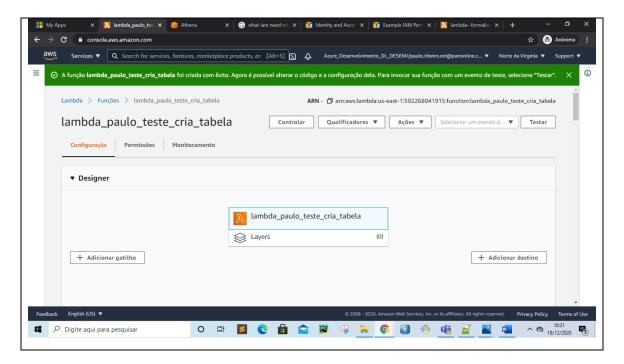




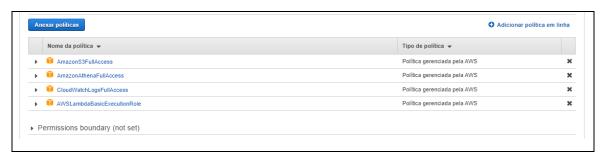
Vi um exemplo que usa essa função

# **IAM Role**

We created IAM Role as follows that base on AmazonAthenaFullAccess



## Permissão IAM para executar Lambda



## Codigo Lambda em Phyton

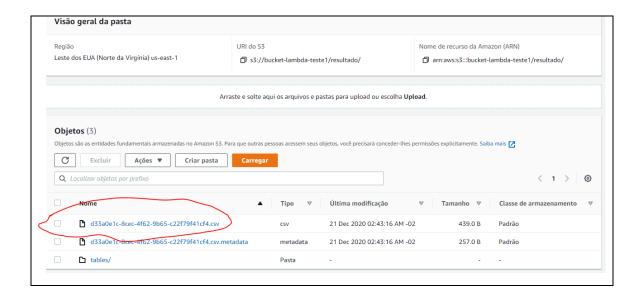
import json
import time
import boto3
def lambda\_handler(event, context):
 query\_1 = "create table db\_lambda.tb\_nova\_tabela as select \* from db\_lambda.tb\_inicial;"

## Log da execução do Lambda



Arquivo gravado S3

Obs.: Obrigatório informar um Bucket S3 para execução do comando Query no Athena



#### Athena

#### Antes de executar o Lambda



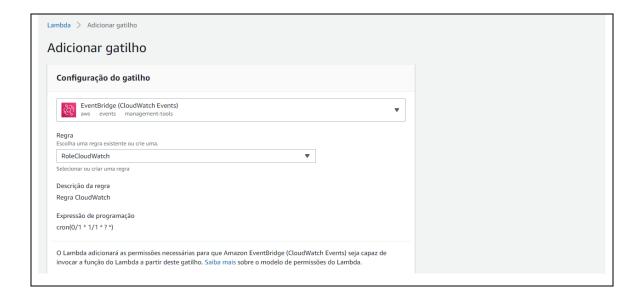
•	data_inclusao ▼	data_atualizacao ▼	cpf ▼	conta ▼	id ▼
10	2020-12-11	2020-12-11	11	11	10
11	2020-12-12	2020-12-12	12	12	11
12	2020-12-13	2020-12-13	13	13	12
13	2020-12-14	2020-12-14	14	14	13
14	2020-12-15	2020-12-14	14	15	14
15	2020-12-16	2020-12-16	16	16	15
16	2020-12-17	2020-12-17	17	17	16
17	2020-12-18	2020-12-18	18	18	17

# Depois do Lambda

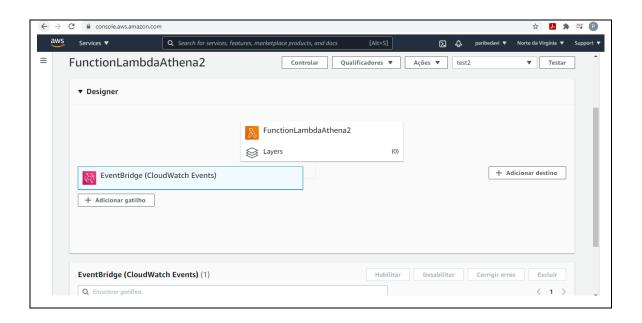


Resu	ılts				☑ 🗹
•	data_inclusao ▼	data_atualizacao ▼	cpf ▼	conta ▼	id▼
10	2020-12-11	2020-12-11	11	11	10
11	2020-12-12	2020-12-12	12	12	11
12	2020-12-13	2020-12-13	13	13	12
13	2020-12-14	2020-12-14	14	14	13
14	2020-12-15	2020-12-14	14	15	14
15	2020-12-16	2020-12-16	16	16	15
16	2020-12-17	2020-12-17	17	17	16
17	2020-12-18	2020-12-18	18	18	17

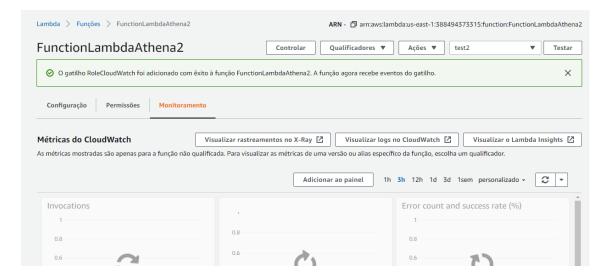
## Agendamento sobre Lambda usando evento CloudWatch (dentro do Lambda)



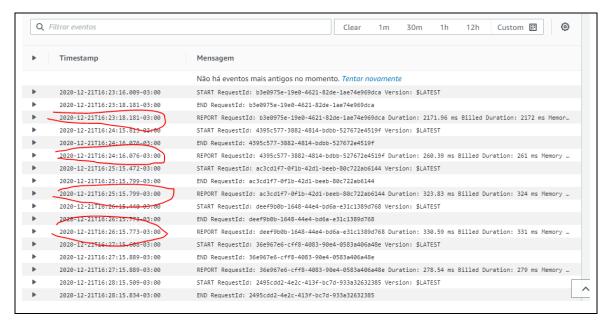
A regra criada acima é para executa de 1 em 1 minuto.



Acima o evento onde vai schedular de 1 em 1 minuto chamando a function do Lambda.



## Abaixo execução de 1 em 1 minuto



Observação : site para configurar a expressão de formatação periocidade da execução do CloudWatch

http://www.cronmaker.com/;jsessionid=node0k22wkpzsuy3stmkvrh1slda867006.node0?0

