## Cotizar

## Dynamodb

### Crear tabla en dynamodb con el identificadar como uuid



#### Tabla creada

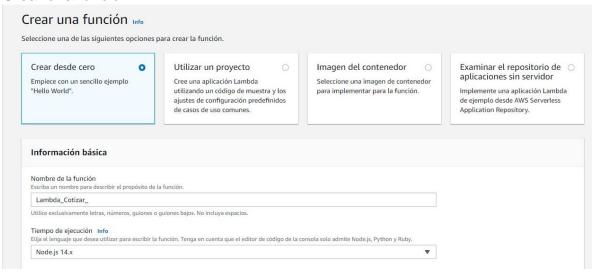


#### Ejemplo de la tabla



#### Lambda

#### Crear una función

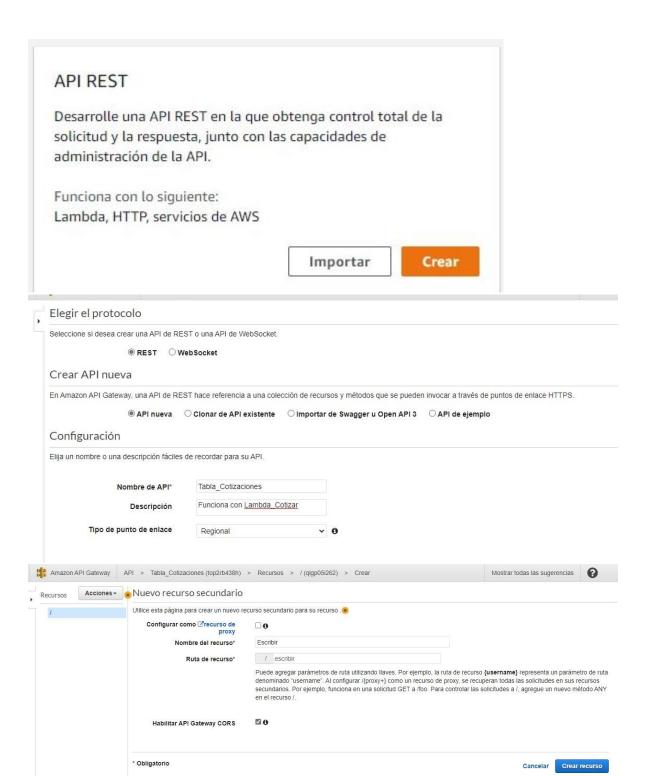


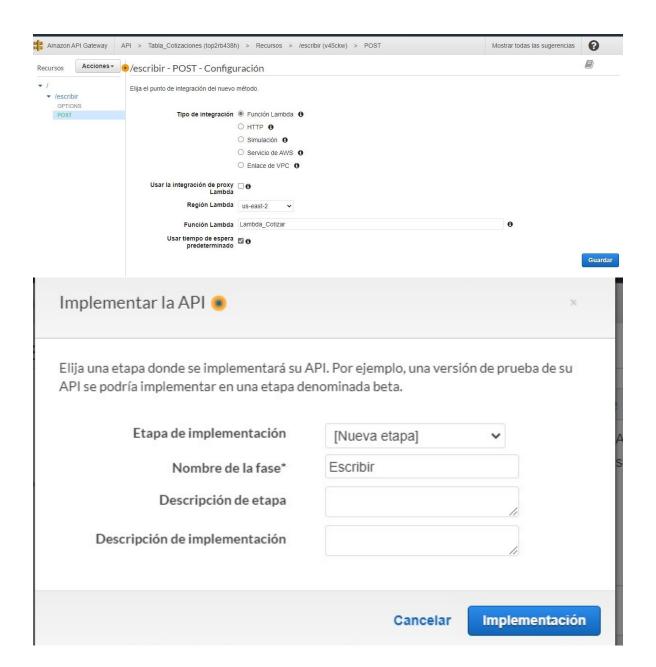
#### Usar un rol existente



```
T
                X (+)
     index.js
  1 const {v4: uuidv4} = require('uuid');
  2 const AWS = require('aws-sdk');
    AWS.config.update({region: 'us-east-2'})
    const docClient = new AWS.DynamoDB.DocumentClient()
  5
     exports.handler=(event,context,callback)=>{
  6
  7
         var params={
  8
             TableName: "Tabla Cotizaciones",
  9
             Item:{
                 "uuid":uuidv4(),
 10
                 "Usuario":event.usuario,
 11
                 "CantidadDolares":event.cantidad,
 12
                 "MonedaDestino":event.CoinDest,
 13
                 "UsuarioIP":event.Usuarioip,
 14
                 "Browser":event.browser,
 15
                 "Device":event.divice,
 16
 17
 18
         };
          docClient.put(params, function(err, data){
 19
 20
             if(err){
 21
                  callback(err, null);
 22
             }else{
i 23
                  callback(null, "Informacion Guardada")
 24
         });
 25
i 26 }
```

**API Gateway** 





# Comprar

Dynamodb

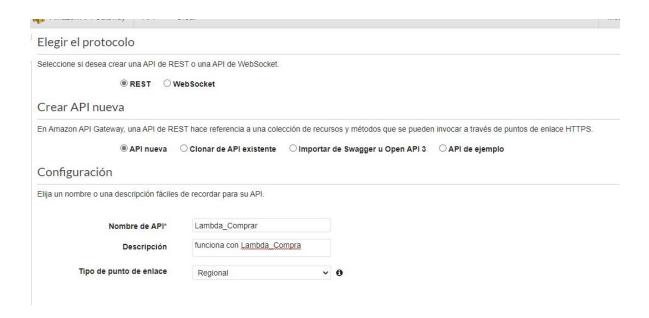
Tabla de Compras



Crear una lambda para enviar a la tabla



```
1 const {v4: uuidv4} = require('uuid');
 2 const AWS = require('aws-sdk');
i 3 AWS.config.update({region: 'us-east-2'})
4 const docClient = new AWS.DynamoDB.DocumentClient()
  6 exports.handler=(event,context,callback)=>{
į 7
        let uuid dato =uuidv4()
 8
         var params={
 9
             TableName: "Tabla_Compras",
 10
             Item:{
 11
                "uuid":uuid dato,
                "uuid Cotizacion":event.id Cotizador,
 12
                "TimeStamp":event.tiempo,
 13
                "Usuario": event.usuario,
 14
 15
                "Tipo_Cambio":event.cambio,
                "MonedaDestino":event.CoinDest,
 16
 17
                "Cantidad Original":event.cantidad,
                " Cantidad Moneda Comprada": event.resultado,
 18
 19
                "UsuarioIP":event.Usuarioip,
                "Browser": event.browser,
 20
                "Device": event.divice,
 21
                "Geolocalizacion":event.geolocalizacion
 22
 23
 24
             headers:{
 25
               "Access-Control-Allow-Headers": "Content-Type",
               "Access-Control-Allow-Origin": "*",
 26
 27
               "Access-Control-Allow-Methods": "POST"
 28
           },
 29
 30
          docClient.put(params,function(err,data){
 31
             if(err){
 32
                 callback(err,null);
 33
             }else{
i 34
                 callback(null,uuid_dato)
 35
 36
         });
1 37 }
```



#### Consultar la tabla

```
1 const AWS = require('aws-sdk');
  2 AWS.config.update({region:'us-east-2'});
  3 const ddb = new AWS.DynamoDB.DocumentClient();
      exports.handler = (event,context,callback)=>{
  4
  5
         let params ={
             TableName: "Tabla Compras",
  6
  7
               headers:{
               "Access-Control-Allow-Headers": "*"
  8
               "Access-Control-Allow-Origin": "*"
  9
               "Access-Control-Allow-Methods":"*"
 10
 11
             },
             Key:{
 12
                  "uuid":event.Id
 13
 14
 15
         };
         ddb.get(params, function(err, data){
 16
 17
                 callback("un error"+err,null);
 18
 19
             }else{
 20
               callback(null, JSON. stringify(data));
 21
i 22
         })
 23 };
```

## Ventana

