

tanishq-singh-2301 / public-chat (Public)

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59 lines (51 sloc) | 1.94 KB

RawBlame

```
1  const { ApiGatewayManagementApi, DynamoDB } = require('aws-sdk');
2
3  const api = new ApiGatewayManagementApi({ endpoint: 'https://90v2orrm5c.execute-api.ap-south-1.amazonaws.com/test', region: 'ap-south-1' });
4  const dynamo = new DynamoDB.DocumentClient({ apiVersion: '2012-08-10', region: 'ap-south-1' });
5
6  const sendMessage = async (ConnectionId, Data) => await api.postToConnection({ ConnectionId, Data }).promise();
7
8  exports.handler = async event => {
9    const id = event.requestContext.connectionId;
10
11    try {
12      switch (event.requestContext.routeKey) {
13        case "$connect":
14          await dynamo.put({ TableName: 'ws-aws', Item: { id } }).promise();
15          break;
16
17        case "$disconnect":
18          await dynamo.delete({ TableName: 'ws-aws', Key: { id } }).promise();
19          break;
20
21        case "publicMessage":
22          const connectionData = await dynamo.scan({ TableName: "ws-aws" }).promise();
23          await Promise.all(
24            connectionData.Items.map(
25              async ({ id }) => {
26                await sendMessage(
27                  id,
28                  JSON.stringify({
29                    name: JSON.parse(event.body).name,
30                    message: JSON.parse(event.body).message
31                  })
32                );
33              }
34            )
35          );
36          break;
37
38        default:
39          break;
40      }
41    } catch (err) {
42      return {
43        statusCode: 200,
44        body: JSON.stringify({
45          fromServer: true,
46          error: err
47        })
48      };
49    }
50
51    return {
52      statusCode: 200,
53      body: JSON.stringify({
54        fromServer: true,
55        error: false,
56        connectionId: event.requestContext.connectionId
57      })
58    };
59  };
```