

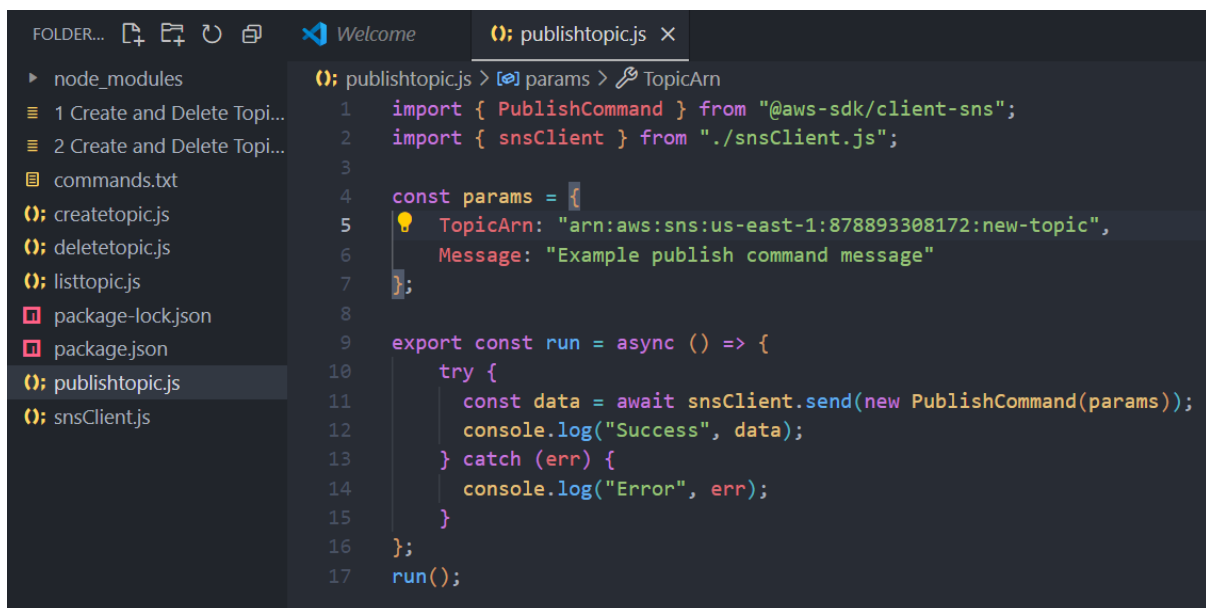


Publishing message to Topic on Amazon SNS using AWS SDK

1. First, we need to create a new topic because we have deleted our topic in the last lab.
2. So, open your folder in VS Code run the node command with the create topic file, and create your topic once again. Below you can see that our topic has been created now.

```
PS D:\AWS Serveless\Amazon SNS - Developing with AWS SDK> node .\createtopic.js
Success {
  '$metadata': {
    httpStatusCode: 200,
    requestId: '4f778d32-29aa-59f2-8b3e-d28708d1fcd8',
    extendedRequestId: undefined,
    cfId: undefined,
    attempts: 1,
    totalRetryDelay: 0
  },
  TopicArn: 'arn:aws:sns:us-east-1:878893308172:new-topic'
}
PS D:\AWS Serveless\Amazon SNS - Developing with AWS SDK>
```

3. Now we need to create a new file with the name publishtopic.js and use the same code as you can see below. Just change the Topic ARN with yours and save the file.



```
1 import { PublishCommand } from "@aws-sdk/client-sns";
2 import { snsClient } from "./snsClient.js";
3
4 const params = {
5   TopicArn: "arn:aws:sns:us-east-1:878893308172:new-topic",
6   Message: "Example publish command message"
7 };
8
9 export const run = async () => {
10   try {
11     const data = await snsClient.send(new PublishCommand(params));
12     console.log("Success", data);
13   } catch (err) {
14     console.log("Error", err);
15   }
16 };
17 run();
```

4. Below you can see that we have published the message on our topic. We also have a message ID here.

```
● PS D:\AWS Serveless\Amazon SNS - Developing with AWS SDK> node .\publishtopic.js
Success {
  '$metadata': {
    httpStatusCode: 200,
    requestId: '2aba0df7-a488-5c64-9b88-524287fec01',
    extendedRequestId: undefined,
    cfId: undefined,
    attempts: 1,
    totalRetryDelay: 0
  },
  MessageId: 'bc18a4b6-5b60-528b-bee3-fb03781673ee'
}
○ PS D:\AWS Serveless\Amazon SNS - Developing with AWS SDK> █
```