### Clear everything on Cloud.

See PURGE notes below

### Rebuild & Test completely

Create a new project from Scratch: **EventBridge-Analysis-V6**

Create an empty folder: **EventBridge-Analysis-v6**

Open VSCode: do this in the empty project folder.

VSCode 🡪 Command Pallet ( shift - ⌘ - P ) 🡪 AWS: Create Lambda SAM Application

Runtime nodejs20.x

Architecture x86\_64

Application Template AWS SAM Hello World (basic SAM app)

Folder for new SAM application EventBridge-Analysis-V5

This is the default value

Name of new Application lambda-nodejs20.x

This is the default value

The results is a file structure that has this folder structure:

EventBridge-Analysis-V6

.vscode

launch.json

lambda-nodejs20x

.gitignore

events

hellow-world

README.md

README.TOOLKIT.ms

samconfig.toml

template.yaml

Make these changes:

1. Move all of the code in ‘lambda-nodejs20x’ up one-level and discard ‘lambda-nodejs20x’
2. Update the path references in launch.json

(2x places) "templatePath": "${workspaceFolder}/template.yaml",

1. Update 2x files that reference “lambda-nodejs20x” path.

**template.yaml**

Modify description. This causes no functional change.

**samconfig.toml**

[default.global.parameters]

## EDIT

stack\_name = "eb-analysis-v6-stack"

## ADD

s3\_prefix = "eb-analysis-v5-stack"

region = "us-east-1"

resolve\_s3 = true

[default.deploy.parameters]

capabilities = "CAPABILITY\_IAM"

confirm\_changeset = true

resolve\_s3 = true

## ADD

stack\_name = "eb-analysis-v6-stack"

region = "us-east-1"

resolve\_s3 = true

### Run AWS: Sync SAM

VSCode 🡪 Command Pallet ( shift - ⌘ - P ) 🡪 AWS: Sync SAM Application (formerly Deploy)

Region us-east-1 <-- default

Template template.yaml <-- default

Stack eb-analysis-v6-stack <-- first time input then default

S3 Bucket eb-analysis-v6-bucket <-- first time input then default

### Verify changes generated by AWS: Sync SAM

Cloud

The new Lambda is added.

Logs are generated

Local -- NOTE: Docker must be running.

JOY

Browser

JOY

### Add second Lambda function

Modify code is both Lambdas.

### Run -- AWS: Sync SAM

### VERIFY AWS Sync SAM

Cloud

The new Lambda is added.

Logs are generated

Local

JOY

Browser

JOY

### OPTIONAL

### Build project with $ sam build / $ sam deploy

Don't make any changes; Just run.

**OBSERVATION**

Build & Deploy created a new S3 Bucket.

  aws-sam-cli-managed-default-samclisourcebucket-g9n9x1gklj76

The bucket contains a folder:

eb-analysis-v6-stack

In the folder are a bunch of templates.

There is no code or editable info.

There were no other files added or modified

### Make another change and publish with AWS: Sync SAM

No new files.

All changes were added.

# PURGE SAM Files

1. **S3 > Buckets**

Empty and then Delete project buckets.

Empty and then Delete “aws-sam-cli-managed-default” buckets.

1. **Cloud Formation > Stacks**

Delete project stack

Delete “aws-sam-cli-managed-default” stack.

1. **Cloud Watch > Logs**

Delete ALL project Logs

1. **Event Bridge**

Buses (none visible)

Rules (none visible)

1. **API Gateway**

There should be any Project Lambdas visible.

If there are, review the Items above.

1. **Lambda**

There should be any Project Lambdas visible.

If there are, review the Items above.