Lambda -- Validate

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This function is used to validate the tags attached to AMI.

This function checks for AMI in all (six) regions.

This function checks for encryption.

CodePipeline.json

Result of CloudFormation provision.

CodeBuild.yaml

How to use: Create CloudFormation stack with this CFN directly.

Lambda-SAM.yaml

How to use: Make sure you are at the directory where Lambda-SAM.yaml locates.

$ mkdir packaged

$ aws cloudformation package --template Lambda-SAM.yaml --s3-bucket <S3-Bucket> \

--output-template-file packaged/Lambda-SAM-packaged-template.yaml

*Uploading to xxxx 5085 / 5085.0 (100.00%)*

*Successfully packaged artifacts and wrote output template to file packaged/Lambda-SAM-packaged-template.yaml.*

*Execute the following command to deploy the packaged template*

*aws cloudformation deploy --template-file packaged/Lambda-SAM-packaged-template.yaml --stack-name <YOUR STACK NAME>*

\*\*Replace the S3 bucket name (<S3-Bucket>) with appropriate one.\*\*

$ aws cloudformation deploy --template-file packaged/Lambda-SAM-packaged-template.yaml \

--stack-name TEC-AMI-Validate-AMI-Lambda-SAM

*Waiting for changeset to be created..*

*Waiting for stack create/update to complete*

*Successfully created/updated stack - TEC-AMI-Validate-AMI-Lambda-SAM*

Sample of Lambda input variable, i.e., the “event” variable.

{

"CodePipeline.job": {

"id": "This is a mocked ID",

"data": {

"inputArtifacts": [

{

"location": {

"s3Location": {

"bucketName": "<S3 bucket name to download input artifacts by Lambda>",

"objectKey": "<S3 object key to download input artifacts by Lambda>"

}

},

"name": "TBD"

}

],

"encryptionKey": {

"id": "<KMS key ID>"

},

"actionConfiguration": {

"configuration": {

"UserParameters": "{\"AccountType\": \"DEV\"}"

}

},

"outputArtifacts": [

{

"location": {

"s3Location": {

"bucketName": "<S3 bucket name to upload output artifacts by Lambda>",

"objectKey": "<S3 object key to upload output artifacts by Lambda>"

}

}

}

]

},

"accountId": "<AWS account ID>"

}

}