**Amazon Lambda to upload objects to s3 bucket in another AWS account**

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**Account-1: Lambda function**

**Account-2: S3 bucket**

1. **Create IAM Policy in Account-1 with below link**

<https://github.com/kohlidevops/aws-s3-cross-account-access-using-lambda/blob/main/iam-policy.json>

You have add a S3 bucket ARN in this policy, once you created in S3 bucket in Account-2

1. **Create IAM Role and associate this policy in Account-1**

IAM Role name – s3-cross-account-role

Note down the IAM Role ARN

1. **Create a S3 bucket in Account-2**

I just enabled version and add a bucket policy in permission with below link

<https://github.com/kohlidevops/aws-s3-cross-account-access-using-lambda/blob/main/s3-bucket-policy.json>

You have to add a IAM Role ARN and S3 bucket ARN in this bucket policy

1. **Create a Lambda function with nodejs 14.x runtime in Account-1**

IAM Role – Add s3-cross-account-role (Which is created in step2)

Copy/paste the code using below link

<https://github.com/kohlidevops/aws-s3-cross-account-access-using-lambda/blob/main/lamda-index.js>

You have to update a lambda deployed region code and S3 bucket name

1. **Run the lambda with test event**

Better to clear the test input event

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1. **To validate the s3 bucket in Account-2**

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