**How to setup cross aws account S3 access:**

1. **Set up made through Sourcing AWS Account**:

* Login to sourcing aws account (XXXXXXX2) and Create a bucket with an access "objects can be public".
* Go to bucket, click on permission tab, click on bucket policy tab and apply below details

{

"Version": "2012-10-17",

"Statement": [

{

"Sid": "DelegateS3Access",

"Effect": "Allow",

"Principal": {

"AWS": "arn:aws:iam::XXXXXXX1:root"

},

"Action": [

"s3:ListBucket",

"s3:GetObject"

],

"Resource": [

"arn:aws:s3:::source\_bucket/\*",

"arn:aws:s3:::source\_bucket"

]

}

]

}

* **Note:** The above configuration is allowed account level access (XXXXXXX1).If we want at IAM role level access, add the respective arn there.

1. **Set up made through Target AWS Account**

* Login to target aws account (XXXXXXX1) and create a IAM user with S3 read/write access permission and create a access key and secret key.

1. **Setup AWS CLI Configuration**

* Install aws cli in your local desktop and add the credential with proper profile name (refer aws cli setup page for more info). Here, I have setup the profile name as 'target'.
* Run the below command. This will sync these two folders

*aws s3 sync s3://source\_bucket s3://target\_bucket --delete --source-region us-west-2 --profile target*