Lab 10 : S3 bucket setup$ export mybucket=bucket249

$ cat > policy.json <<EOF

{

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

"Statement":[

{

"Effect":"Allow",

"Action":[

"s3:PutObject",

"s3:GetObject",

"s3:DeleteObject"

],

"Resource":"arn:aws:s3:::$mybucket/\*"

},

{

"Effect":"Allow",

"Action":[

"s3:ListBucket"

],

"Resource":"arn:aws:s3:::$mybucket"

}

]

}

EOF

Top of Form

$ aws s3 mb s3://$mybucket [--region xxx]

$ aws iam create-user --user-name $mybucket-user

$ aws iam put-user-policy --user-name $mybucket-user --policy-name $mybucket-policy --policy-document file://policy.json

$ aws iam create-access-key --user-name $mybucket-user > access-key.json

Create a Secret

kubectl create secret generic my-minio-cred -n argo --from-literal=accessKey=<accesskey> --from-literal=secretKey=<secretkey>

kubectl edit configmap workflow-controller-configmap -n argo

Modify the configmap

kubectl edit configmap workflow-controller-configmap -n argo # assumes argo was installed in the argo namespace

Example

# Please edit the object below. Lines beginning with a '#' will be ignored,

# and an empty file will abort the edit. If an error occurs while saving this file will be

# reopened with the relevant failures.

#

apiVersion: v1

data:

artifactRepository: |

s3:

bucket: amitow223

#keyFormat: prefix/in/bucket # optional

endpoint: s3.amazonaws.com # AWS => s3.amazonaws.com; GCS => storage.googleapis.com

insecure: true # omit for S3/GCS. Needed when MinIO runs without TLS

accessKeySecret:

name: my-minio-cred

key: accessKey

secretKeySecret:

name: my-minio-cred

key: secretKey

useSDKCreds: true

kind: ConfigMap

metadata:

annotations:

kubectl.kubernetes.io/last-applied-configuration: |

{"apiVersion":"v1","kind":"ConfigMap","metadata":{"annotations":{},"name":"workflow-controller-configmap","namespace":"argo"}}

creationTimestamp: "2024-05-11T12:26:10Z"

name: workflow-controller-configmap

namespace: argo

resourceVersion: "120715"

uid: 191a6596-d742-496d-a08f-85776b4872b7