

```
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
```

---

```
$ 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>
```

kubectrl edit configmap workflow-controller-configmap-n argo

Modify the configmap

```
kubect! 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:
    kubect!.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