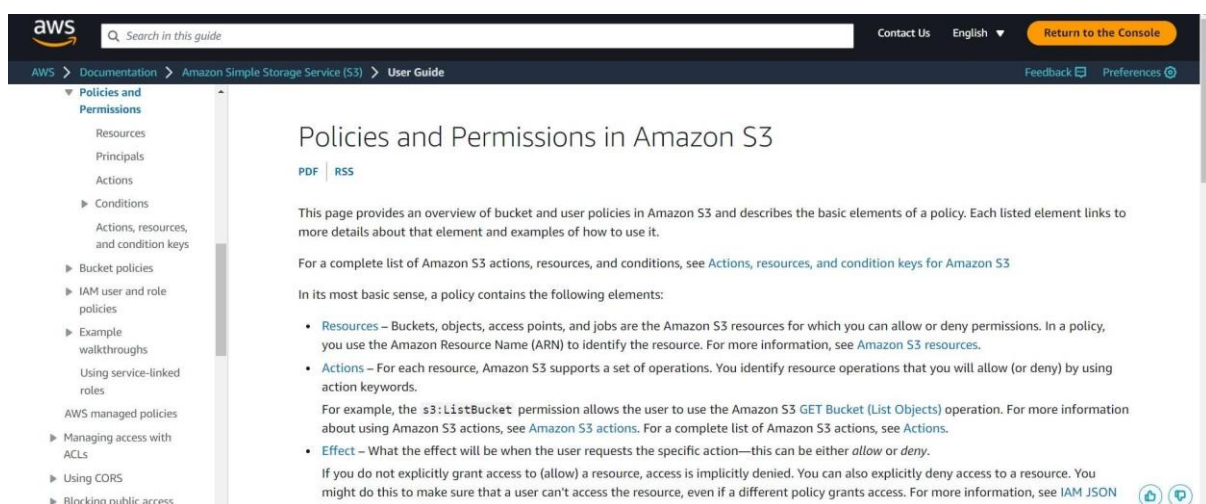
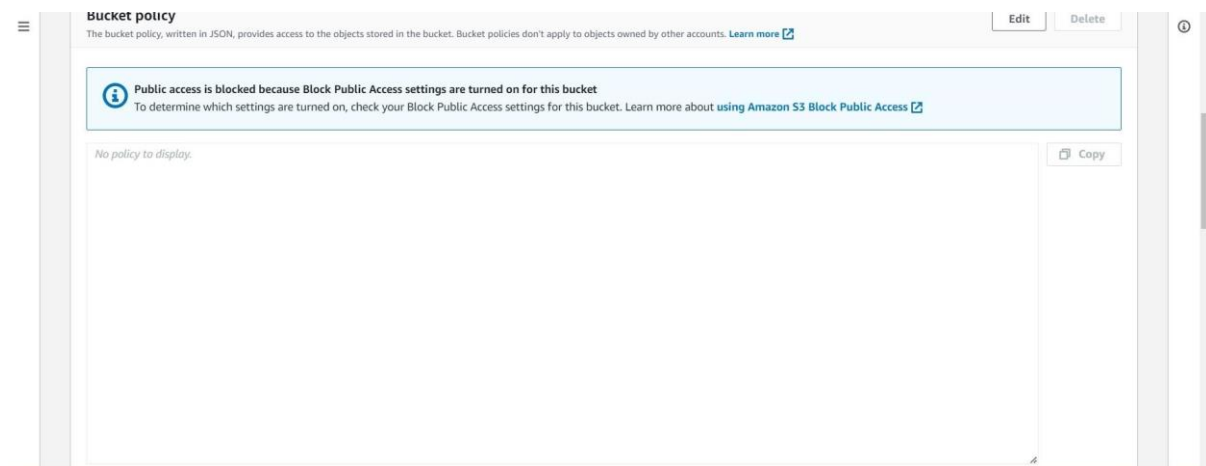
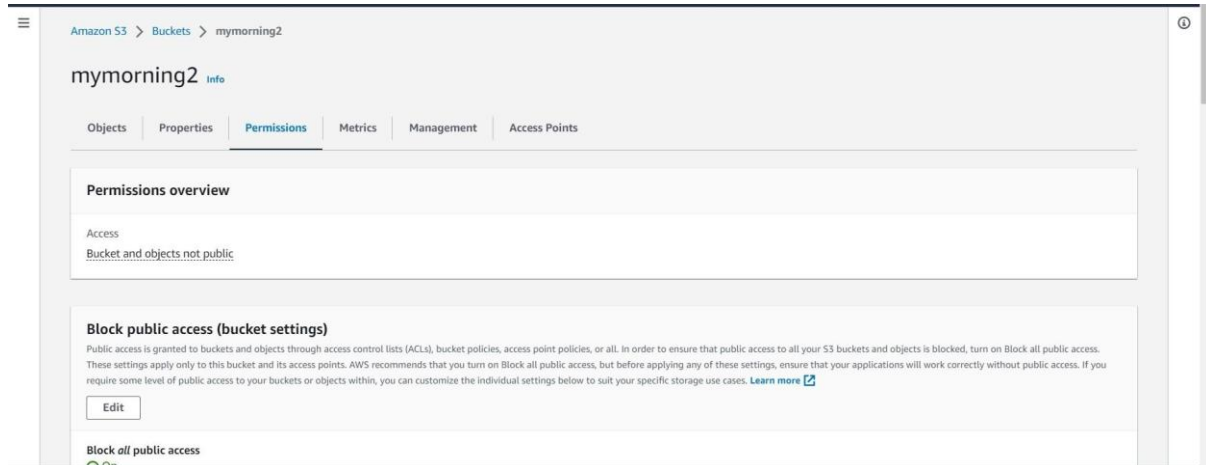


Phase-5 Practice Project: Assisted Practice -

17. Policies and Permissions.



A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy S3 Bucket Policy

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a description of elements that you can use in statements.

Effect ☒ Allow ☐ Deny

Principal

Use a comma to separate multiple values.

AWS Service Amazon S3 ☐ All Services (**)

Use multiple statements to add permissions for more than one service.

Actions 1 Action(s) Selected ☐ All Actions (**)

Amazon Resource Name (ARN)

☐ AbortMultipartUpload
☐ BypassGovernanceRetention
☐ CreateAccessPoint
☐ CreateAccessPointForObjectLambda
☒ CreateBucket
☐ CreateJob
☐ CreateMultiRegionAccessPoint
☐ DeleteAccessPoint

(BucketName)/\${KeyName}).

ore Principals.

Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.

Add one or more statements above to generate a policy.

Actions -- Select Actions -- ☐ All Actions (**)

Amazon Resource Name (ARN)

ARN should follow the following format: arn:aws:s3:::\${BucketName}/\${Keyname}.
Use a comma to separate multiple values.

Add Conditions (Optional)

You added the following statements. Click the button below to Generate a policy.

Principal(s)	Effect	Action	Resource	Conditions
• Allow Creation	Allow	• s3:CreateBucket	arn:aws:s3:::bucketwit	None

Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.

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Actions -- Select Actions -- ☐ All Actions (**)

Amazon Resource Name (ARN)

ARN should follow the following format: arn:aws:s3:::\${BucketName}/\${Keyname}.
Use a comma to separate multiple values.

Add Conditions (Optional)

You added the following statements. Click the button below to Generate a policy.

Principal(s) • Allow Creation

Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.

Policy JSON Document

Click below to edit. To save the policy, copy the text below to a text editor.
Changes made below will **not be reflected** in the policy generator tool.

```
{
  "Id": "Policy1690435059311",
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "Stmt1690435000281",
      "Action": [
        "s3:CreateBucket"
      ],
      "Effect": "Allow",
      "Resource": "arn:aws:s3:::bucketwit",
      "Principal": {
        "AWS": [
          "Allow Creation"
        ]
      }
    }
  ]
}
```

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The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Policy generator](#)

arn:aws:s3:::my morning2

1▼

```

1 {
2   "Id": "Policy1690435059311",
3   "Version": "2012-10-17",
4   "Statement": [
5     {
6       "Sid": "Stmt1690435000281",
7       "Action": [
8         "s3:CreateBucket"
9       ],
10      "Effect": "Allow",
11      "Resource": "arn:aws:s3:::bucketuit",
12      "Principal": {
13        "AWS": [
14          "Allow Creation"
15        ]
16      }
17    ]
18  }
19 }

```

Select an existing statement in the policy or

add a new statement.

+ Add new statement

Access Points

Object Lambda

Multi-Region Access Points

Batch Operations

IAM Access Analyz

Block Public Access settings for
this account

this account

▼ Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight **3**

- ▶ AWS Marketplace for S3