Create IAM Role to List Buckets

**Create List Bucket Policy**

1. Open IAM service from console
2. Select Policies
3. Click the “Create Policy Button”
4. In the “Visual Editor” tab, select “Choose a service”
5. Type S3 and select S3
6. Under actions select “ListAllMyBuckets”
7. Click the “Review Policy Button”
8. Name it “Custom-S3-List-Bucket-Policy”
9. Click the “Create Policy Button”

**Create List Bucket Role**

1. Open IAM service from console
2. Select Roles
3. Click the “Create Roles” button
4. Select “AWS Service” as your trusted entity
5. Select “EC2” as your use case
6. Click the “Next Permissions” button
7. Search for the policy named “Custom-S3-List-Bucket-Policy” and select it
8. Next Tags
9. Next Review
10. Provide a role name of “Custom-S3-List-Bucket-Role” and hit “Create Role”

**Attach the role to your EC2 instance**

1. Open the EC2 console
2. Select your EC2 instance
3. Select Actions 🡪 Security 🡪 Modify IAM Role
4. Select the Role named “Custom-S3-List-Bucket-Role” and hit “Create Role” and click save