PENTESTER ACADEMYTOOL BOX PENTESTING

PENTESTER ACADEMYTOOL BOX PENTESTING

PATVRED TEAM LABS ATTACKDEFENSE LABS

RTRAINING COURSES ACCESS POINT PENTESTER

TEAM LABS PENTEST TO LOUS FENSE LED TOOL BOX

ACCESS POLYTHOLOGO TO LOUS FENSE LED TOOL BOX

ACCESS POLYTHOLOGO TO LOUS FENSE LED TOOL BOX

THACKDEFENSE LABS TRAINING COLLEGES FEATURESTS

PENTESTED ACAPEUT ALLOS TEAM LAE

ATTACKDE FILE LIBS LOURS STRAINING HACKER

TOOL BOX

TOOL BOX

PATVRED TEAM LABS ATTACKDEFENSE LABS

TOOL BOX

PENTESTER ACADEMYATTACKDEFENSE LABS

WORLD-CLASS TRAINERS TRAINING HACKER

TOOL BOX

PENTESTER ACADEMYATTACKDEFENSE LABS

WORLD-CLASS TRAINERS

TRAINING

TRAINING

PENTESTER ACADEMY TOOL BOX

Name	Readable Bucket Policy
URL	https://attackdefense.com/challengedetails?cid=2301
Туре	AWS Cloud Security : S3

Important Note: This document illustrates all the important steps required to complete this lab. This is by no means a comprehensive step-by-step solution for this exercise. This is only provided as a reference to various commands needed to complete this exercise and for your further research on this topic. Also, note that the IP addresses and domain names might be different in your lab.

Solution:

Step 1: Configure AWS CLI with the given AWS access credentials.

Access Credentials to your AWS lab Account

Login URL	https://517664638639.signin.aws.amazon.com/console
Region	US East (N. Virginia) us-east-1
Username	student
Password	Ad5sKZIUfDEm9izo
Access Key ID	AKIAXRBZXQ2XU3HQHPN6
Secret Access Key	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

Command: aws configure

Step 2: Check S3 buckets.

Command: aws s3api list-buckets

Step 3: Check objects present in S3 bucket.

Command: aws s3api list-objects --bucket <bucket-name>

```
File Actions Edit View Help

for root@Kali aws s3api list-objects --bucket s3-readable-policy-517664638639

An error occurred (AccessDenied) when calling the ListObjects operation: Access Denied for root@Kali are root@Kali are
```

Cannot list objects due to insufficient permissions.

Step 4: Check bucket policy.

Command: aws s3api get-bucket-policy --bucket <bucket-name> --output text | python -m json.tool

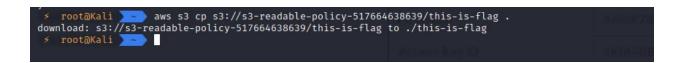
```
root@Kali:~
File Actions Edit View Help
                    aws s3api get-bucket-policy --bucket s3-readable-policy-517664638639 --output text | python -m json.tool |
    "Statement": [
             "Action": "s3:GetBucketPolicy",
"Effect": "Allow",
             "Principal": {
    "AWS": "*"
             },
"Resource": "arn:aws:s3:::s3-readable-policy-517664638639"
             "Action": "s3:List*",
"Effect": "Deny",
"Principal": {
    "AWS": "*"
             },
"Resource": "arn:aws:s3:::s3-readable-policy-517664638639"
             "Action": "s3:GetObject",
"Effect": "Allow",
"Principal": {
    "AWS": "*"
             },
"Resource": "arn:aws:s3:::s3-readable-policy-517664638639/this-is-flag"
    ],
"Version": "2012-10-17"
    root@Kali > ~
                  "Action": "s3:GetObject",
"Effect": "Allow",
                  },
"Resource": "arn:aws:s3:::s3-readable-policy-517664638639/this-is-flag"
      ],
"Version": "2012-10-17"
      root@Kali > ~
```

Object name revealed in bucket policy.

Step 5: Download and read "this-is-flag" object from the bucket.

Commands:

aws s3 cp s3://<bucket-name>/this-is-flag ./ cat this-is-flag



FLAG: 643a3866a6a360a70219f7e387a1e528

Successfully retrieved flag.

References:

1. AWS CLI (https://docs.aws.amazon.com/cli/latest/reference/)