

Triple Point S3 Bucket Challenge

Description

The purpose of this challenge is to demonstrate S3 misconfigurations, S3 permissions and AWSCLI. The challenge tests whether users know how S3 URLs work and how to configure credentials via AWSCLI.

Challenge

From: Steve

Sent: Monday, April 3, 2023 3:45 PM

To: Anne

Hey Anne,

I received the flag for the CTF Summit. I'm going to upload the flag in a simple storage service in our AWS environment. The bucket name is triplepoint-ctfsummit2023, you can find the credentials in the csv file attached.

Thanks!

Steve

Required Information

- Name of bucket: triplepoint-ctfsummit2023
- CSV File containing credentials
 - o Access key: AKIAU6GXOD2YX3MHEUNK
 - o Secret access key: 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

Solution:

1. Install awscli
2. Run 'aws configure', use access credentials found in csv file (only need to configure access key and secret access key)
3. Run 'aws s3 ls s3://triplepoint-ctfsummit2023' to view contents of the bucket -> should see flag.txt file
4. Can access flag by either curling to S3 URL or copying and downloading the contents of the flag.txt to the user's computer
5. Method 1: Can curl using 'curl https://s3.amazonaws.com/triplepoint-ctfsummit2023/flag.txt' or 'curl <https://triplepoint-ctfsummit2023.s3.amazonaws.com/flag.txt>'
6. Method 2: Run 'aws s3 cp s3://triplepoint-ctfsummit2023/flag.txt .' to download a copy of the flag.txt contents