

- Filename: intro-to-aws-pentesting-1-4-1-s3.md
- Show Name: Intro to AWS Pentesting
- Topic Name: Basic Concepts
- Episode Name: S3

S3

Objectives:

- Define the AWS S3 service
 - Define a Bucket
 - Describe common S3 security issues
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- What is S3?
 - How do you create an S3 'bucket'?
 - Bucket URL
 - `http://bucketname.s3.amazonaws.com`
 - `http://s3.amazonaws.com/bucketname`
 - Case studies
 - Define 'Leak Hunters'
 - <https://businessinsights.bitdefender.com/worst-amazon-breaches>
 - Current S3 default security
 - Defaults to private
 - How do buckets still leak?
 - Admins make the bucket public
 - Admins change the policy
 - `s3:*`
 - `s3:List*`
 - `s3:ListAllMyBuckets`
 - How do we find S3 buckets?
 - Websites can be hosted in S3
 - `nslookup flaws.cloud`
 - Website content can be hosted in S3
 - Check page source
 - Google search
 - `site:s3.amazonaws.com`
 - Brute Force
 - **AWSBucketDump.py**