



AWS – S3

(SIMPLE STORAGE SERVICE)

BY

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S3 – SIMPLE STORAGE SERVICE

- S3 ESSENTIALS
- S3 PERMISSIONS
- S3 STORAGE CLASSES
- OBJECT VERSIONING
- S3 LIFE CYCLE POLICIES
- S3 EVENTS
- WEBSITE HOSTING WITH S3
- CROSS-ORIGIN RESOURCE SHARING(CORS)
- GETTING DATA INTO AND OUT OF S3
- LAB : USING S3 FOR STATIC WEB-HOSTING
- LAB : CONFIGURE BACKUP & ARCHIVING SOLUTIONS IN S3
- QUIZ

WHAT IS S3



S3 is a safe place to store your files.

It is Object based storage.

The data is spread across multiple devices and facilities

USAGE OF S3



S3 provides developers and IT teams with secure, durable, highly-scalable object storage. Amazon S3 is easy to use, with a simple web services interface to store and retrieve any amount of data from anywhere on the web.

ABOUT S3

- S3 IS OBJECT BASED I.E. ALLOWS YOU TO UPLOAD FILES.
- FILES CAN BE FROM 0 BYTES TO 5 TB.
- THERE IS UNLIMITED STORAGE
- FILES ARE STORED IN BUCKETS.
- S3 IS A UNIVERSAL NAMESPACE, THAT IS, NAMES MUST BE UNIQUE GLOBALLY.
- [HTTPS://S3-AP-SOUTH-1A.AMAZONAWS.COM/KESHAVKUMMARI](https://s3-ap-south-1.amazonaws.com/keshavkummari)
- WHEN YOU UPLOAD A FILE TO S3 YOU WILL RECEIVE A HTTP 200 CODE IF THE UPLOAD WAS SUCCESSFUL.

DATA CONSISTENCY MODEL OF S3 :

- READ AFTER WRITE CONSISTENCY FOR PUTS OF NEW OBJECTS
- EVENTUAL CONSISTENCY FOR OVERWRITE PUTS AND DELETES(CAN TAKE SOME TIME PROPAGATE)

S3

- BUILT FOR 99.99% AVAILABILITY
- TIERED STORAGE AVAILABLE
- LIFECYCLE MANAGEMENT
- ENCRYPTION
- SECURE YOUR DATA USING ACCESS CONTROL LISTS AND BUCKET POLICIES
- S3 IS A SIMPLE KEY, VALUE STORE
- S3 IS OBJECT BASED. OBJECTS CONSISTS OF THE FOLLOWING:
 - KEY(NAME OF THE OBJECT)
 - VALUE(DATA IS MADE UP OF A SEQUENCE OF BYTES)
 - VERSION ID(IMPORTANT FOR VERSIONING)
 - METADATA(DATA ABOUT THE DATA YOU ARE STORING)
 - SUBRESOURCES
 - ACCESS CONTROL LISTS

S3 – STORAGE TIERS/CLASSES

1. **S3** – 99.99% AVAILABILITY, DURABILITY, STORED REDUNDANTLY ACROSS MULTIPLE DEVICES IN MULTIPLE FACILITIES AND IS DESIGNED TO SUSTAIN THE LOSS OF 2 FACILITIES CONCURRENTLY.
2. **S3 – IA(INFREQUENTLY ACCESSED)** FOR DATA THAT IS ACCESSED LESS FREQUENTLY, BUT REQUIRES RAPID ACCESS WHEN NEEDED. LOWER FEE THAN S3, BUT YOU ARE CHARGED A RETRIEVAL FEE.
3. **REDUCED REDUNDANCY STORAGE** – DESIGNED TO PROVIDE 99.99% DURABILITY AND 99.99% AVAILABILITY OF OBJECTS OVER A GIVEN YEAR.
4. **GLACIER** – VERY CHEAP, BUT USED FOR ARCHIVAL ONLY. IT TAKES 3-5 HOURS TO RESTORE FROM GLACIER.

S3 – STORAGE TIERS/CLASSES

	Standard	Standard - Infrequent Access	Reduced Redundancy Storage
Durability	99.999999999%	99.999999999%	99.99%
Availability	99.99%	99.9%	99.99%
Concurrent facility fault tolerance	2	2	1
SSL support	Yes	Yes	Yes
First byte latency	Milliseconds	Milliseconds	Milliseconds
Lifecycle Management Policies	Yes	Yes	Yes

WHAT IS GLACIER?



Glacier is an extremely low-cost storage service for data archival. Amazon Glacier stores data for as little as \$0.01 per gigabyte per month, and is optimized for data that is infrequently accessed and for which retrieval times of 3 to 5 hours are suitable.

S3 VS GLACIER

	Standard	Standard - IA	Amazon Glacier
Designed for Durability	99.999999999%	99.999999999%	99.999999999%
Designed for Availability	99.99%	99.9%	N/A
Availability SLA	99.9%	99%	N/A
Minimum Object Size	N/A	128KB*	N/A
Minimum Storage Duration	N/A	30 days	90 days
Retrieval Fee	N/A	per GB retrieved	per GB retrieved**
First Byte Latency	milliseconds	milliseconds	select minutes or hours***
Storage Class	object level	object level	object level
Lifecycle Transitions	yes	yes	yes

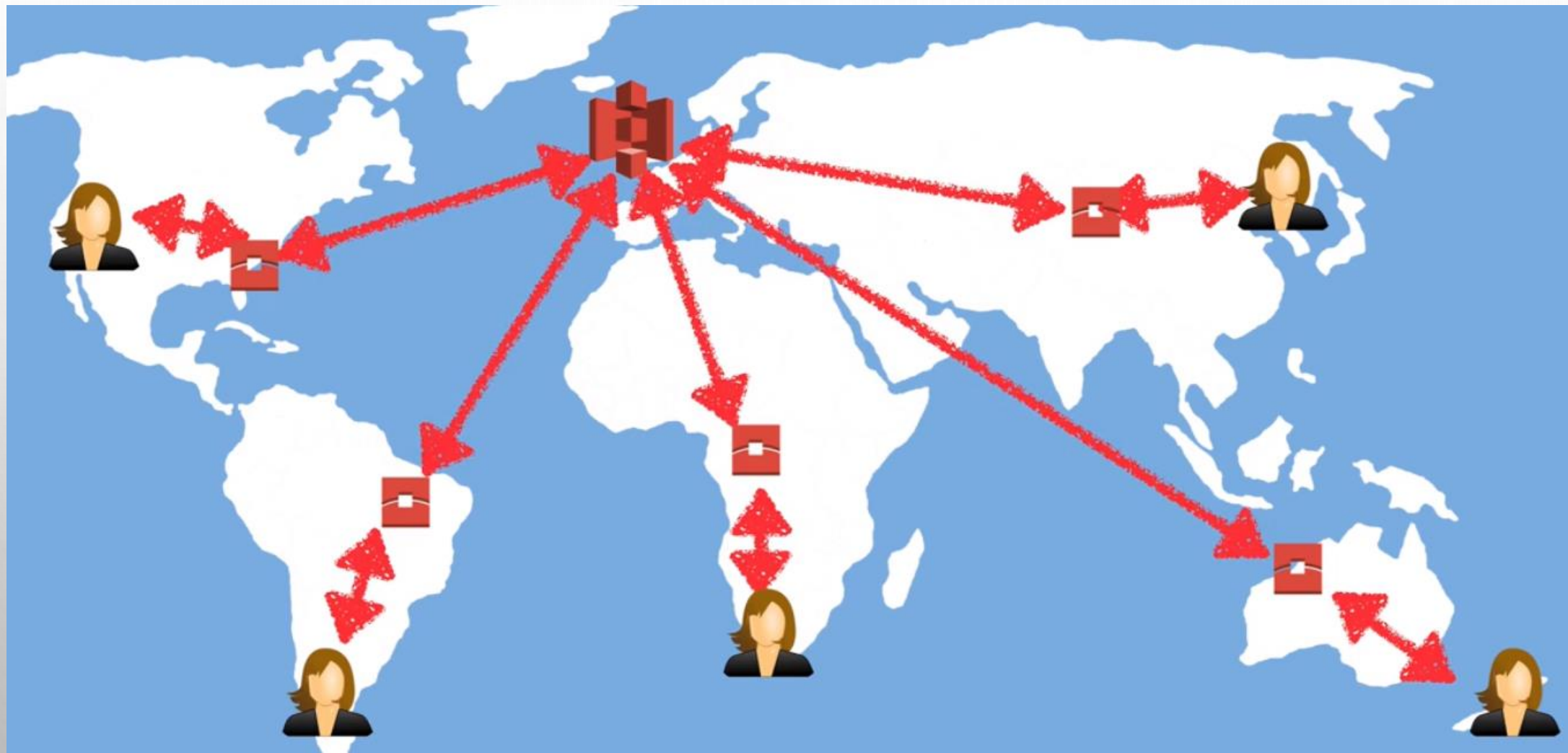
S3 – CHARGES

- CHARGED FOR:
- STORAGE REQUESTS
- STORAGE MANAGEMENT PRICING DATA TRANSFER PRICING
- TRANSFER ACCELERATION



Amazon S3 Transfer Acceleration enables fast, easy, and secure transfers of files over long distances between your end users and an S3 bucket. Transfer Acceleration takes advantage of Amazon CloudFront's globally distributed edge locations. As the data arrives at an edge location, data is routed to Amazon S3 over an optimized network path.

TRANSFER ACCELERATION



S3 - SUMMARY

- REMEMBER THAT S3 IS OBJECT BASED I.E. ALLOWS YOU TO UPLOAD FILES.
- FILES CAN BE FROM 0 BYTES TO 5 TB
- THERE IS UNLIMITED STORAGE
- FILES ARE STORED IN BUCKETS
- S3 IS A UNIVERSAL NAMESPACE, THAT IS, NAMES MUST BE UNIQUE GLOBALLY.
- [HTTPS://S3-AP-SOUTH-1A.AMAZONAWS.COM/KESHAVKUMMARI](https://s3-ap-south-1.amazonaws.com/keshavkummari)
- READ AFTER WRITE CONSISTENCY FOR PUTS OF NEW OBJECTS
- EVENTUAL CONSISTENCY FOR OVERWRITE PUTS AND DELETES(CAN TAKE SOME TIME TO PROPAGATE)

SUMMARY

- S3 STORAGE CLASSES/TIERS
- S3 (DURABLE, IMMEDIATELY AVAILABLE, FREQUENTLY ACCESSED)
- S3 – IA(DURABLE, IMMEDIATELY AVAILABLE, INFREQUENTLY ACCESSED)
- S3 – REDUCED REDUNDANCY STORAGE(DATA THAT IS EASILY REPRODUCIBLE, SUCH AS THUMB NAILS ETC)
- GLACIER – ARCHIVED DATA, WHERE YOU CAN WAIT 3 – 5 HOURS BEFORE ACCESSING.
- REMEMBER THE CORE FUNDAMENTALS OF AN S3 OBJECTS:
 - KEY(NAME)
 - VALUE(DATA)
 - VERSION ID
 - METADATA
 - SUBRESOURCES
 - ACL

CREATING S3 BUCKET

Amazon S3 > onlineucator

Overview

Properties

Permissions

Management

🔍 Type a prefix and press Enter to search. Press ESC to clear.

📶 Upload

+ Create folder

More ▾

☒ Name ↑

Last modified ↑

☒ 📄 connect.php

Feb 6, 2018 2:29:01 PM GMT+0100

connect.php

Download

Copy path

Latest version ▾

Overview

Key	connect.php
Size	517
Expiration date	N/A
Expiration rule	N/A
ETag	d0a1bd8d6ca18fb8621e5b1b5982c851
Last modified	Feb 6, 2018 2:29:01 PM GMT+0100
Link	https://s3.ap-south-1.amazonaws.com/onlineucator/connect.php

Properties

Storage
class

Standard

Encryption

None

S3 – BUCKET OVERVIEW

- Buckets are a universal name space
- Upload an object to S3 receive a HTTP 200 Code
- S3, S3 - IA, S3 Reduced Redundancy Storage
- Encryption
 - Client Side Encryption
 - Server Side Encryption
 - Server side encryption with Amazon S3 Managed Keys (SSE-S3)
 - Server side encryption with KMS (SSE-KMS)
 - Server side encryption with Customer Provided Keys (SSE-C)
- Control access to buckets using either a bucket ACL or using Bucket Policies
- BY DEFAULT BUCKETS ARE PRIVATE AND ALL OBJECTS STORED INSIDE THEM ARE PRIVATE

VERSIONING

Amazon S3 > onlineucator

Overview Properties Permissions

Versioning

☐ Enable versioning

☒ Suspend versioning

This suspends the creation of object versions for all operations but preserves any existing object versions.

Cancel Save

Amazon S3 > onlineucator

Overview Properties

Versioning

Keep multiple versions of an object in the same bucket.

[Learn more](#)



☒ Enabled



CREATE A NEW FILE AND UPLOAD

Amazon S3 > onlineucator

Overview

🔍 Type a prefix and press Enter

 Upload  Create folder



<input type="checkbox"/>	Name ↑
<input type="checkbox"/>	 aws_fileUpload.txt
<input type="checkbox"/>	 connect.php

aws_fileUpload - Notepad



File Edit Format View Help


```
Hello Python World  
  
DevOps World|
```

aws_fileUpload.txt

 Download  Copy path

Latest version ▼

	Feb 6, 2018 2:53:18 PM GMT+0100 (Latest version)	Standard
	Feb 6, 2018 2:49:24 PM GMT+0100	Standard

← → ↻  Veilig | https://s3.ap-south-1.amazonaws.com/onlineucator/aws_fileUpload.txt

```
Hello Python World
```

VERSIONING - OVERVIEW

- Stores all versions of an object (including all writes and even if you delete an object)
- Great backup tool.
- Once enabled, Versioning cannot be disabled, only suspended.
- Integrates with Lifecycle rules
- Versioning's MFA Delete capability, which uses multi-factor authentication, can be used to provide an additional layer of security.

SECURE THE S3 OBJECTS USING MFA(MULTI-FACTOR AUTHENTICATION)

docs.aws.amazon.com/AmazonS3/latest/dev/Versioning.html

Amazon Simple Storage Service

Developer Guide (API Version 2006-03-01)

Versioning - This Guide

What Is Amazon S3?

Introduction

Managing Requests

Storage Buckets

Storage Objects

Storage Class Analysis

Storage Entropy

Using Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures.

In one bucket, for example, you can have two objects with the same key, but different version IDs, such as `photo.gif (version 111111)` and `photo.gif (version 121212)`.



Versioning Enabled

MFA Delete

You can optionally add another layer of security by configuring a bucket to enable MFA (Multi-Factor Authentication) Delete, which requires additional authentication for either of the following operations.

- Change the versioning state of your bucket
- Permanently delete an object version

MFA Delete requires two forms of authentication together:

- Your security credentials
- The concatenation of a valid serial number, a space, and the six-digit code displayed on an approved authentication device

MFA Delete thus provides added security in the event, for example, your security credentials are compromised.

To enable or disable MFA delete, you use the same API that you use to configure versioning on a bucket. Amazon S3 stores the MFA Delete configuration in the same *versioning* subresource that stores the bucket's versioning status.

```
<VersioningConfiguration xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <Status>VersioningState</Status>
  <MfaDelete>MfaDeleteState</MfaDelete>
</VersioningConfiguration>
```

Copy

To use MFA Delete, you can use either a hardware or virtual MFA device to generate an authentication code. The following example shows a generated authentication code displayed on a hardware device.



CROSS REGION REPLICATION - LAB

Amazon S3 > onlineucator

Overview Properties

Lifecycle Replication Ana


+ Add rule Edit Delete More ▾

You ha

Replication rule

1 Source 2 Destination 3 Permissions 4 Review

Source

☒ All contents in  onlineucator

☐ Prefix in this bucket

Status

☒ Enabled

☐ Disabled

Replication criteria

☐ Replicate objects encrypted with AWS KMS ⓘ

Cancel Next

CROSS REGION REPLICATION

Amazon S3 > onlineucator

Overview Properties

Lifecycle Replication

+ Add rule Edit Delete More ▾

You have

Replication rule

1 Source 2 Destination 3 Permissions 4 Review

Destination bucket

onlineucatortokyobucket ▾

⚠ The bucket doesn't have versioning enabled.
Cross-region replication requires bucket versioning. Enable versioning on this bucket.

[Enable versioning](#)

Options

☐ Change the storage class for the replicated object(s)

☐ Change object ownership to destination bucket owner ⓘ

[Previous](#) [Next](#)

Replication rule

1 Source 2 Destination 3 Permissions 4 Review

Source [Edit](#)

Bucket onlineucator
All the objects in the bucket

Region Asia Pacific (Mumbai)

Status Enabled

Destination [Edit](#)

Bucket onlineucatortokyobucket

Region Asia Pacific (Tokyo)

Storage class Same as source

Permissions [Edit](#)

IAM role Create new role

[Previous](#) [Save](#)

CROSS REGION REPLICATION

Amazon S3 > onlineucator

Overview

Properties

Permissions

Management

Lifecycle

Replication

Analytics

Metrics

Inventory

Source

Scope
All contents in the bucket

Region
Asia Pacific (Mumbai)

Destination

Bucket
onlineucatortokyobucket

Region
Asia Pacific (Tokyo)

Permissions

IAM role
s3crr_role_for_onlineucator_to_onlineucatortokyobucket

Bucket policy
[Copy](#)

+ Add rule

Edit

Delete

More ▾

Source ⓘ

Status ⓘ

Storage Class ⓘ

Replicated object owner ⓘ

KMS-Encrypted objects ⓘ



Entire bucket

Enabled

Same as source

Same as source bucket

Do not replicate

AWS – COMMAND LINE TOOLS

```
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\Users\m63a786>pip install awscli
Collecting awscli
  Downloading awscli-1.14.33-py2.py3-none-any.whl (1.2MB)
    100% |#####| 1.2MB 327kB/s
Collecting colorama<=0.3.7,>=0.2.5 (from awscli)
  Downloading colorama-0.3.7-py2.py3-none-any.whl
Collecting rsa<=3.5.0,>=3.1.2 (from awscli)
  Downloading rsa-3.4.2-py2.py3-none-any.whl (46kB)
    100% |#####| 51kB 94kB/s
Collecting docutils>=0.10 (from awscli)
  Downloading docutils-0.14-py3-none-any.whl (543kB)
    100% |#####| 552kB 595kB/s
Collecting botocore==1.8.37 (from awscli)
  Downloading botocore-1.8.37-py2.py3-none-any.whl (4.1MB)
    100% |#####| 4.1MB 216kB/s
Collecting PyYAML<=3.12,>=3.10 (from awscli)
  Downloading PyYAML-3.12.tar.gz (253kB)
    100% |#####| 256kB 655kB/s
Collecting s3transfer<0.2.0,>=0.1.12 (from awscli)
  Downloading s3transfer-0.1.12-py2.py3-none-any.whl (59kB)
    100% |#####| 61kB 2.6kB/s
Collecting pyasn1>=0.1.3 (from rsa<=3.5.0,>=3.1.2->awscli)
  Downloading pyasn1-0.4.2-py2.py3-none-any.whl (71kB)
    100% |#####| 71kB 118kB/s
Collecting python-dateutil<3.0.0,>=2.1 (from botocore==1.8.37->awscli)
  Downloading python_dateutil-2.6.1-py2.py3-none-any.whl (194kB)
    100% |#####| 194kB 189kB/s
Collecting jmespath<1.0.0,>=0.7.1 (from botocore==1.8.37->awscli)
  Downloading jmespath-0.9.3-py2.py3-none-any.whl
Collecting six>=1.5 (from python-dateutil<3.0.0,>=2.1->botocore==1.8.37->awscli)
  Downloading six-1.11.0-py2.py3-none-any.whl
Installing collected packages: colorama, pyasn1, rsa, docutils, six, python-dateutil, jmespath,
  Running setup.py install for PyYAML ... done
Successfully installed PyYAML-3.12 awscli-1.14.33 botocore-1.8.37 colorama-0.3.7 docutils-0.14
```

CREATING IAM USER

FIRST STEP – CREATE GROUP AND GRANT ADMIN ACCESS AND THEN CREATE USER

Add user



Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://726584800293.signin.aws.amazon.com/console>

Download .csv

User	Access key ID	Secret access key
onlineuser	AKIAJ3TKLXUIQOHXGQPQ	zs7fw+DZbZiAY5DpzCtiYUxxEishb+ZYjK0Y C+bm Hide

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Download .csv

User	Access key ID	Secret access key
onlineuser	AKIAJ3TKLXUIQOHXGQPQ	zs7fw+DZbZiAY5DpzCtiYUxxEishb+ZYjK0Y C+bm Hide

```
C:\WINDOWS\system32\cmd.exe
Running setup.py install for PyYAML ... done
Successfully installed PyYAML-3.12 awscli-1.14.33 boto3-1.8.37 colorama-0.3.7 docutils-0.14 jmespath-0.9.3 pyasn1-0.4.2 python-dateutil-2.6.1 rsa-3.4.2 s3transfer-0.1.12 six-1.11.0
C:\Users\m63a786>aws configure
AWS Access Key ID [None]:
AWS Secret Access Key [None]:
Default region name [None]:
Terminate batch job (Y/N)? ^C
C:\Users\m63a786>
C:\Users\m63a786>aws configure
AWS Access Key ID [None]:
AWS Secret Access Key [None]:
Default region name [None]: zs7fw+DZbZiAY5DpzCtiYUxxEishb+ZYjK0Yc+bm
Default output format [None]:
Terminate batch job (Y/N)? ^C
C:\Users\m63a786>aws configure
AWS Access Key ID [None]: AKIAJ3TKLXUIQOHXGQPQ
AWS Secret Access Key [None]:
Default region name [None]: ap-south-1
Default output format [None]:
```

CONNECTING USING GITBASH OR CMD AND CHECKING THE S3 BUCKETS

MINGW64:/h/

M63A786@LPZWNL000023049 MINGW64 ~

\$ aws configure

AWS Access Key ID [None]: AKIAJ3TKLXUIQOHXGQPQ

AWS Secret Access Key [None]: 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

Default region name [None]: ap-south-1

Default output format [None]:

M63A786@LPZWNL000023049 MINGW64 ~

\$ aws s3 ls

2018-02-04 18:48:43 dbcheck.ap-south-1

2018-02-05 06:31:37 keshavdb

2018-02-06 15:26:41 onlineucator

2018-02-06 15:25:27 onlineucatortokyobucket

2018-01-13 11:22:06 www.ckk.com

2018-01-13 11:07:36 www.keshavkumari.com

2018-01-13 15:51:49 www.keshavkummari.com

2018-01-13 11:39:23 www.mywebsiteckk.com

COPY THE FILES FROM ONE BUCKET TO OTHER BUCKET AND GO TO THE UI AND CROSS CHECK

```
M63A786@LPZWNL000023049 MINGW64 ~  
$ aws s3 cp --recursive s3://onlineucator s3://onlineucatortokyobucket  
copy: s3://onlineucator/connect.php to s3://onlineucatortokyobucket/connect.php  
copy: s3://onlineucator/aws_fileUpload.txt to s3://onlineucatortokyobucket/aws_fileUpload.txt
```

Amazon S3 > onlineucatortokyobucket

Overview

Properties

Permissions

Management

🔍 Type a prefix and press Enter to search. Press ESC to clear.

📁 Upload

+ Create folder

More ▾

Versions

Hide

Show

<input type="checkbox"/>	Name ↑ ▾	Last modified ↑ ▾	Size ↑ ▾
<input type="checkbox"/>	📄 aws_fileUpload.txt	Feb 6, 2018 3:56:29 PM GMT+0100	60.0 B
<input type="checkbox"/>	📄 connect.php	Feb 6, 2018 3:56:29 PM GMT+0100	517.0 B

CROSS REGION REPLICATION

Amazon S3 > onlineucator

Overview Properties Permissions Management

Q Type a prefix and press Enter to search. Press ESC to clear.

Upload Create folder More Versions Hide Show

<input type="checkbox"/>	Name	Last modified
<input checked="" type="checkbox"/>	aws_fileUpload.txt	Feb 6, 2018 2:57:40 PM GMT+0100
<input type="checkbox"/>	connect.php	Feb 6, 2018 2:29:01 PM GMT+0100

aws_fileUpload.txt

Download Copy path

Latest version

Class	Encryption	Metadata	Tags
None	1	0	0

Permissions

Owner	Object	Read	Write
1 Grantees	1 Grantees	1 Grantees	1 Grantees

S3 Management Console x https://s3-ap-northeast-1.amazonaws.com/onlineucatortokyobucket/aws_fileUpload.txt

Veilig | https://s3-ap-northeast-1.amazonaws.com/onlineucatortokyobucket/aws_fileUpload.txt

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" ?>
<Error>
  <Code>AccessDenied</Code>
  <Message>Access Denied</Message>
  <RequestId>759B6149DE126C09</RequestId>
  <HostId>
    gafGqALMwFrXx8m5kRd0suSj8bo5q1FGmdDjNYDHQ8hIGurMVIRs+7nVk8KZj5Mr32iOwsHDnFM=
  </HostId>
</Error>
```

Amazon S3 > onlineucator

aws_fileUpload.txt Latest version

Overview Properties Permissions

Access for your AWS account

Account	Read object	Read object permissions
b53dfe1468f744bdc05ade602ce0b6c4e13a87c123cc2a29456d789e522dee37	Yes	Yes

Access for other AWS accounts

+ Add account Delete

Account	Read object	Read object permissions
---------	-------------	-------------------------

Public access

Group	Read object	Read object permissions
Everyone	-	-

Everyone

This object will have public access

Everyone will have access to one or all of the following: read this object, read and write permissions.

Access to the object

☒ Read object

Access to this object's ACL

☐ Read object permissions

☐ Write object permissions

Cancel Save

S3 Management Console x https://s3-ap-south-1.amazonaws.com/onlineucator/aws_fileUpload.txt

Veilig | https://s3-ap-south-1.amazonaws.com/onlineucator/aws_fileUpload.txt

Hello Python World

DevOps World

Linux

Shell

Perl

CROSS REGION REPLICATION - OVERVIEW

- Versioning must be enabled on both the source and destination buckets.
- Regions must be unique.
- Files in an existing bucket are not replicated automatically. All subsequent updated files will be replicated automatically.
- You cannot replicate to multiple buckets or use daisy chaining (at this time.)
- Delete markers are replicated.
- Deleting individual versions or delete markers will not be replicated.
- Understand what Cross Region Replication is at a high level.

LIFE CYCLE MGMT, S3 –IA & GLACIER LAB

Amazon S3 > onlinelifecycle

Overview

Properties

Permissions

Management

Lifecycle

Replication

Analytics

Metrics

Inventory

+ Add lifecycle rule

Edit

Delete

More ▾

There is no lifecycle rule applied to this bucket.
Here is how to get started.

CREATING LIFE CYCLE BUCKET WITH RULE

Amazon S3 > onlinelifecycle

Overview

Properties

Lifecycle

Replication


Ar

+ Add lifecycle rule

Edit

Delete

More ▾



Lifecycle rule

✓ Name and scope

✓ Transitions

✓ Expiration

4 Review

Name and scope

Edit

Name

MyLifeCycleRule

Scope

Whole bucket

Transitions

Edit

For current version of objects

Transition to Standard-IA after 30 days

Transition to Amazon Glacier after 60 days

Expiration

Edit

Expire after 425 days

Permanently delete after 365 days

Previous

Save

OVERVIEW OF LIFE CYCLE MGMT

- Can be used in conjunction with versioning.
- Can be applied to current versions and previous versions.
- Following actions can now be done:
 - Transition to the Standard - Infrequent Access Storage Class (128Kb and 30 days after the creation date.)
 - Archive to the Glacier Storage Class (30 days after IA, if relevant)
 - Permanently Delete

WEBSITE HOSTING WITH S3

Amazon S3 > onlinepython

Overview

Properties

Permissions

Management

Versioning

Keep multiple versions of an object in the same bucket.

[Learn more](#)

☐ Disabled

Server access logging

Set up access log records that provide details about access requests.

[Learn more](#)

☐ Disabled

Static website hosting

Endpoint : <http://onlinepython.s3-website.ap-south-1.amazonaws.com>

☒ Use this bucket to host a website [Learn more](#)

Index document [i](#)

Error document [i](#)



Redirection rules (optional) [i](#)

UPLOAD THE HTML FILES


Amazon S3 > onlinepython


Overview Properties

🔍 Type a prefix and press Enter to search. Press ESC to clear.

 Upload  Create folder More ▾

☐ Name ↑

☐  error.html

☐  index.html

index.html ✕

Download Copy path

Latest version ▾

Overview

Key	index.html
Size	151
Expiration date	N/A
Expiration rule	N/A
ETag	38ddde2443ecbc9d88e5ee663e18ad23
Last modified	Feb 6, 2018 5:35:45 PM GMT+0100
Link	https://s3.ap-south-1.amazonaws.com/onlinepython/index.html

Properties Storage class Standard class

WEBSITE UP!



END