

S3 - simple storage services

Backup- m working on laptop and my hard disk crash so purchase new hard disk and take backup of old file to new . faster as possible immediate restore,frequently use,data not that much huge.,disk store price is more for backup becuz speed is concern,for both access and transfer and request file its chargeable-in aws s3

Archival- disaster recovery,not for frequent use,data retrieve slow time take process,data will be large in size,disk store price is less.- in aws s3 glacier

S3 used for - Storing blobs

- As a backup device

- Static website

- Media and streaming (s3 + cloud front + transcoder)

Vpc based on region

Subnet based on Availability Zone

S3 based on Region is global (when upload data try to make a copy in every AZ)

S3 has 2 fold costs:

- 1.Storage Costs

- 2.Access Costs(create,upload,view charge but delete is free)

HOT - Access data more frequently

- Access cost is less but storage cost is high

COLD - Access data less frequently

- Access cost is high but storage cost is less

Bucket is root folder (bucket name is unique)

Object is files

5 type Storage Class

	Storage class	Designed for	Availability Zones	Min storage duration	Min billable object size	Monitoring and automation fees	Retrieval fees
○	Standard	Frequently accessed data	≥ 3	-	-	-	-
●	Intelligent-Tiering	Long-lived data with changing or unknown access patterns	≥ 3	30 days	-	Per-object fees apply	-
●	Standard-IA	Long-lived, infrequently accessed data	≥ 3	30 days	128KB	-	Per-GB fees apply
●	One Zone-IA	Long-lived, infrequently accessed, non-critical data	≥ 1	30 days	128KB	-	Per-GB fees apply
●	Glacier	Archive data with retrieval times ranging from minutes to hours	≥ 3	90 days	40KB	-	Per-GB fees apply
●	Glacier Deep Archive	Archive data that rarely, if ever, needs to be accessed with retrieval times in hours	≥ 3	180 days	40KB	-	Per-GB fees apply
●	Reduced Redundancy	Frequently accessed, non-critical	≥ 3	-	-	-	-

S3 = Simple Storage Service

What is S3

Simplified Definition:

An online, bulk storage service that you can access from almost any device.

AWS Definition:

"Amazon S3 has a simple web services interface that you can use to **store and retrieve any amount of data, at any time, from anywhere on the web**. It gives any user access to the same highly scalable, reliable, fast, inexpensive data storage infrastructure that Amazon uses to run its own global network of web sites. The service aims to maximize benefits of scale and to pass those benefits on to users."

S3 Basics:

Components and Structure:

Basics:

- (1) S3 = Simple Storage Service
- (2) It is AWS's primary storage service.
- (3) You can store any type of file in S3.

Buckets:

- (1) Root level "Folders" you create in S3 are referred to as **buckets**.
- (2) Any "subfolder" you create in a bucket is referred to as a **folder**.

Objects:

- (1) Files stored in a bucket are referred to as **objects**.

Regions:

- (1) When you create a bucket, you must select a specific region for it to exist. This means that **any data you upload to the S3 bucket will be physically located in a data center in that region.**

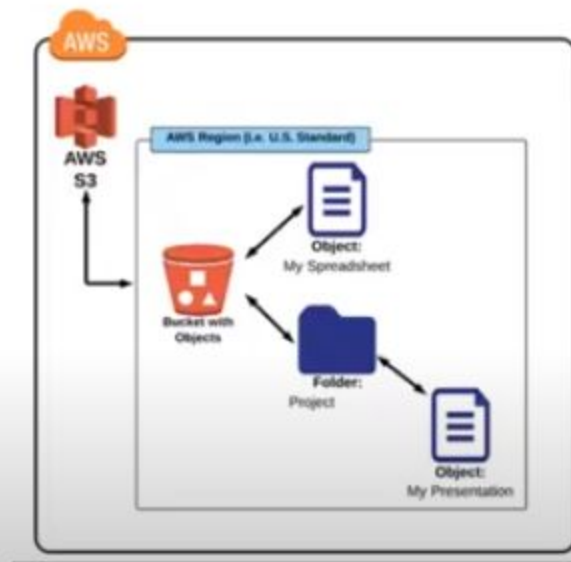
- (2) **Best practice** is to select the region that is physically **closest to you**, to **reduce transfer latency**.

OR

- (3) if you are serving files to a **customer** based in a certain area of the world, **create the bucket in a region closest to your customers** (to reduce latency for your customers).



Components & Structure:



Pricing/Cost Overview:

Free Tier use is available for S3.

How are you charged for using S3?

(1) Storage Cost:

- Applies to data at rest in S3
- Charged per GB used
- Price per GB varies based on region and storage class

(2) Request Pricing - moving data in/out of S3:

- PUT
- COPY
- POST
- LIST
- GET
- Lifecycle Transitions Request
- Data Retrieval
- Data Archive
- Data Restore

***NOTE:** Before doing any major usage of S3, you should make sure to review AWS's current pricing model to make sure you understand how much you will be required to pay.*

Request method

Get - select or see,download file

Post - enter user, password,passing parameter

Put - profile pic,updating content,upload file

List - see all the content

Delete - delete a request

Head - to check all the content available or not

Buckets & Folders:

Bucket, Folder and Object Properties:

(1) Bucket Level Properties:

- General Info
- Permissions
- Static Web Hosting
- Logging
- Events
- Versioning
- Lifecycle
- Cross-Region Replication
- Tags
- Requester Pays
- Transfer Acceleration

(2) Folder Level Properties:

- General Info
- Details

(3) Object Level Properties:

- General Info
- Details
- Permissions
- Metadata

S3 Storage Classes

What is a storage class?

(1) A **storage class** represents the "classification" assigned to each Object in S3.

Available storage classes include:

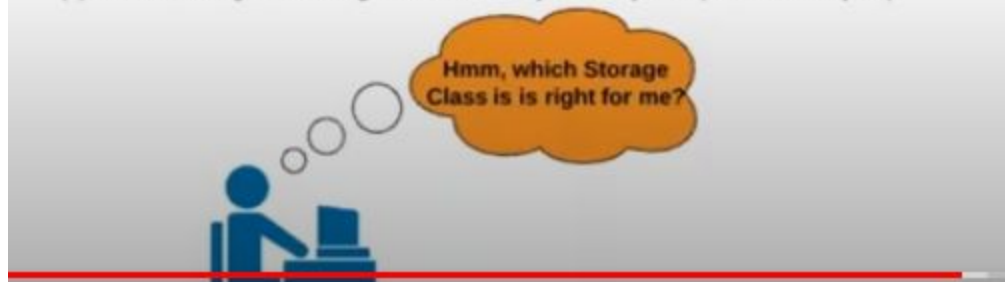
- Standard
- Reduced Redundancy Storage (RRS)
- Infrequent Access (S3-IA)
- Glacier

(2) Each **storage class** has varying attributes that dictate things like:

- Storage cost
- Object **availability**
- Object **durability**
- Frequency of access (to the object)

(3) Each object must be assigned a storage class ("standard" is the default class)

(4) You can change the **storage class** of an object at any time (*for the most part*).



Standard:

- (1) Designed for general, all-purpose storage.
- (2) Is the default storage option.
- (3) **99.999999999% object durability** ("eleven nines").
- (4) **99.99% object availability**.
- (5) Is the most expensive storage class.

Reduced Redundancy Storage (RRS):

- (1) Designed for non-critical, reproducible objects.
- (2) **99.99% object durability**.
- (3) **99.99% object availability**.
- (4) Is less expensive than the standard storage class.

Infrequent Access (S3-IA):

- (1) Designed for objects that you do not access frequently, but must be immediately available when accessed.
- (3) **99.999999999% object durability**.
- (4) **99.90% object availability**.
- (5) Is less expensive than the standard/RRS storage classes.

Glacier:

- (1) Designed for long-term archival storage.
- (2) May take several hours for objects stored in Glacier to be retrieved.
- (3) **99.999999999% object durability**
- (4) Is the cheapest S3 storage class (very low cost)

Object Durability

is the percent (%) over a one year time period
that a file stored in S3 will ***NOT be lost***.

For object durability of 99.999999999% (***11 nines***) that means
there is a 0.000000001% chance of a file in S3 being lost in a year.

OR

If you have 10,000 files stored in S3 (@ 11 nines durability),
then you can expect to lose one file 10 million years.

Object Availability

Is the percent (%) over a one year time period
that a file stored in S3 ***WILL be accessible***.

For object availability of 99.99% - that means there is a 0.01% chance
that you won't be able to access a file stored in S3 in a year.

OR

For every 10,000 hours, you can expect a total of one hour for which a
file may not be available to access.

Setting/changing storage class:

(1) By default, all new objects uploaded to S3 are set to the **Standard** storage class

(2) If you want new objects to have a different storage class, then you need to set the proper settings prior to or during the upload process. You can do this by either:

- Selecting another storage class during the upload process ("set details").
- Using object **lifecycle policies** (covered in the next lesson).

(3) For the following storage classes:

- Standard
- Reduced Redundancy Storage (RRS)
- Infrequent Access (S3-IA)

You can manually switch the objects storage class amongsts them (at any time) by changing the storage class in the objects "properties".

(3) To move an object to the **Glacier** storage class:

- You need to use object **lifecycle**s.
- The change to Glacier may take 1-2 days to take effect.

5 gb of standard storage is only free per month.

The screenshot shows the AWS S3 console interface. At the top, there are tabs for 'Overview', 'Properties', 'Permissions', 'Management', and 'Access points'. Below these is a search bar. The main area shows a list of objects. The object 'surajos.pem' is selected, and the 'Actions' menu is open, showing options like 'Open', 'Download as', 'Get total size', 'Change storage class', 'Restore', 'Change encryption', 'Change metadata', and 'Add tags'. The 'Change storage class' option is highlighted. To the right, the 'Last modified' column shows the date and time for the selected object: 'Apr 16, 2020 3:08:10 PM GMT+0530'.

Versioning - maintain all the changes(by default its disable we can do enable)

Life cycle manage -

Storage class

Access permissions (public / private)

Static website hosting

Overview

Properties

Permissions

Management

Access points

Versioning

☐ Enable versioning

☒ Suspend versioning

☐ Disabled

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

CancelSave

Server access logging

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

Learn more

☐ Disabled

Lifecycle rule

1 Name and scope

2 Transitions

3 Expiration

4 Review

Storage class transition

There are **per-request fees** when using lifecycle to transition data to any S3 or S3 Glacier storage class. [Learn more](#) or see [Amazon S3 pricing](#)

☒ Current version ☒ Previous versions

For current versions of objects + Add transition

Object creation

Days after creation

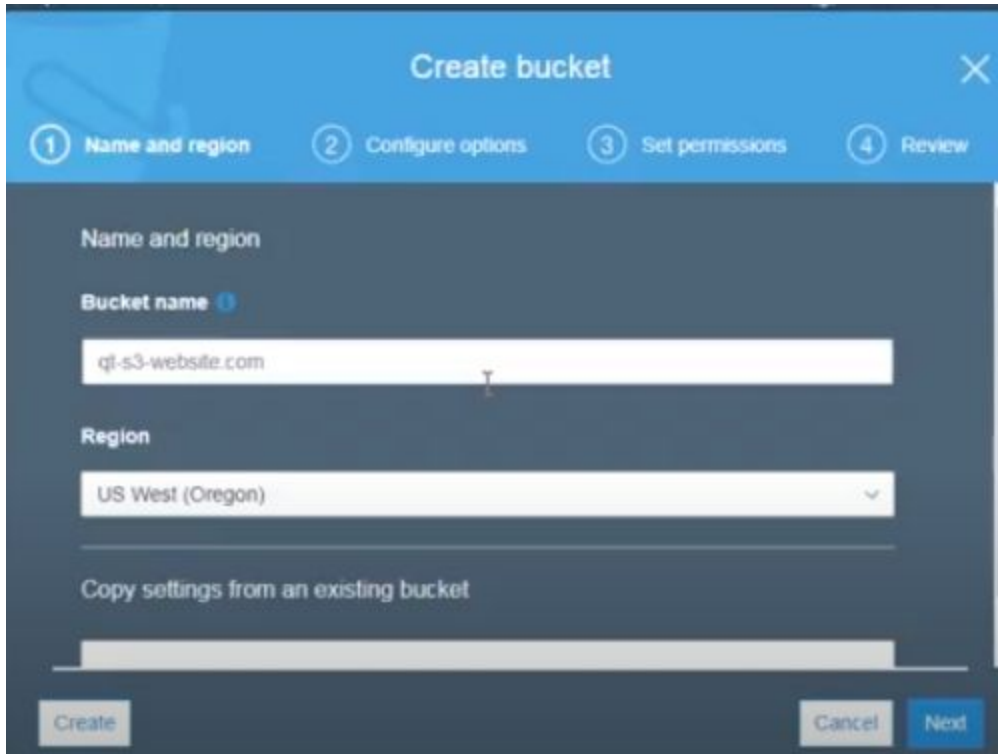
Transition to Standard-IA after30X

For previous versions of objects + Add transition

You don't have any transitions set up for previous versions of objects.

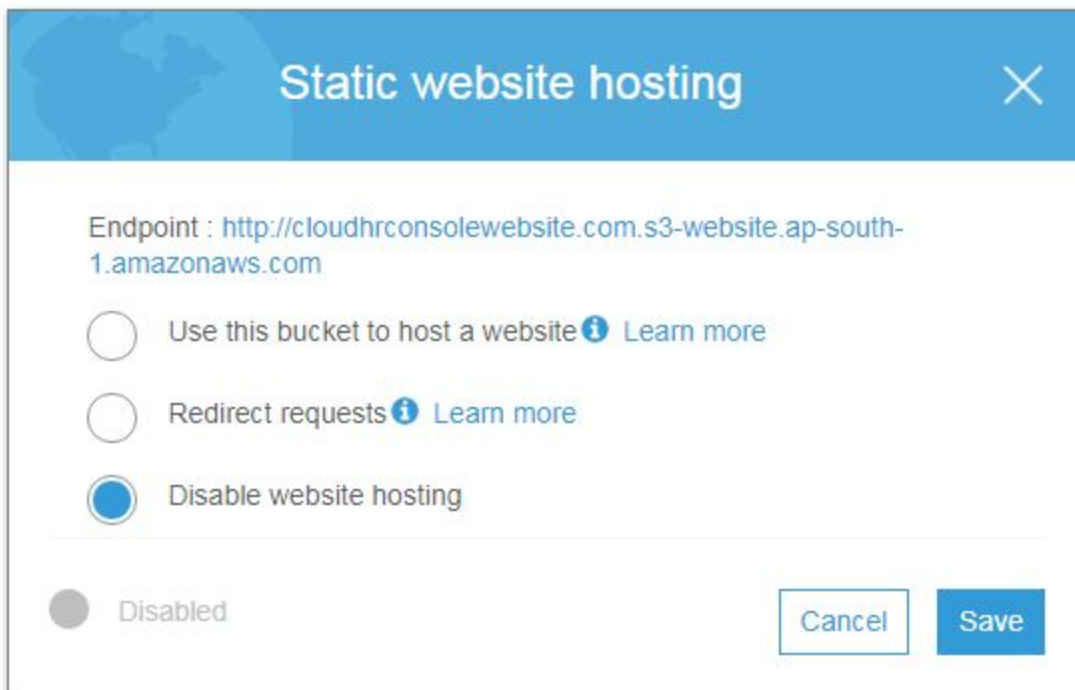
AWS @suraj samantara

Static website hosting



The screenshot shows the 'Create bucket' wizard in the AWS S3 console. The title bar is blue with a close button (X) on the right. Below the title bar is a progress bar with four steps: 1. Name and region, 2. Configure options, 3. Set permissions, and 4. Review. The first step, 'Name and region', is active. It contains a 'Bucket name' field with the text 'qi-s3-website.com' and a 'Region' dropdown menu set to 'US West (Oregon)'. Below these fields is a section titled 'Copy settings from an existing bucket' with a search bar. At the bottom are three buttons: 'Create', 'Cancel', and 'Next'.

Create bucket based on website name and upload index.html and error.html as object in this bucket and make it public access



The screenshot shows the 'Static website hosting' configuration dialog. The title bar is blue with a close button (X) on the right. The main content area has a white background. It starts with the 'Endpoint' text: 'http://cloudhrconsolewebsite.com.s3-website.ap-south-1.amazonaws.com'. Below this are three radio button options: 'Use this bucket to host a website' (with an information icon and a 'Learn more' link), 'Redirect requests' (with an information icon and a 'Learn more' link), and 'Disable website hosting' (which is selected). At the bottom left is a 'Disabled' status indicator. At the bottom right are 'Cancel' and 'Save' buttons.

Endpoint : <http://cloudhrconsolewebsite.com.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](#)

☐ Redirect requests [Learn more](#)

☐ Disable website hosting

☐ Disabled

[Cancel](#) [Save](#)

S3 Glacier

it is an extremely low-cost storage service that provides secure, durable, and flexible storage for data backup and archival.

CloudFront

Step 1: Select delivery method
Step 2: Create distribution

Select a delivery method for your content.



Web

Create a web distribution if you want to:

- Speed up distribution of static and dynamic content, for example, .html, .css, .php, and graphics files.
- Distribute media files using HTTP or HTTPS.
- Add, update, or delete objects, and submit data from web forms.
- Use live streaming to stream an event in real time.

You store your files in an origin - either an Amazon S3 bucket or a web server. After you create the distribution, you can add more origins to the distribution.

[Get Started](#)

RTMP

CloudFront is discontinuing support for RTMP distributions on December 31, 2020. For more information, please read the announcement.

Create an RTMP distribution to speed up distribution of your streaming media files using Adobe Flash Media Server's RTMP protocol. An RTMP distribution allows an end user to begin playing a media file before the file has finished downloading from a CloudFront edge location. Note the following:

- To create an RTMP distribution, you must store the media files in an Amazon S3 bucket.
- To use CloudFront live streaming, create a web distribution.

[Get Started](#)

Global content delivery network

Select delivery method for your content and create distribution

Web

Create a web distribution if you want to:

- Speed up distribution of static and dynamic content, for example, .html, .css, .php, and graphics files.
- Distribute media files using HTTP or HTTPS.
- Add, update, or delete objects, and submit data from web forms.
- Use live streaming to stream an event in real time.




You store your files in an origin - either an Amazon S3 bucket or a web server. After you create the distribution, you can add more origins to the distribution

Create Distribution

Origin Settings

Origin Domain Name	<input type="text" value="cloudhrconsolewebsite.com.s3.amazona"/>					
Origin Path	<input type="text" value="/"/>					
Origin ID	<input type="text" value="S3-cloudhrconsolewebsite.com/"/>					
Restrict Bucket Access	<input type="radio"/> Yes <input checked="" type="radio"/> No					
Origin Custom Headers	<table><thead><tr><th>Header Name</th><th>Value</th></tr></thead><tbody><tr><td><input type="text"/></td><td><input type="text"/></td></tr></tbody></table>	Header Name	Value	<input type="text"/>	<input type="text"/>	
Header Name	Value					
<input type="text"/>	<input type="text"/>					

Default Cache Behavior Settings

Path Pattern	<input type="radio"/> Default (*)	
Viewer Protocol Policy	<input checked="" type="radio"/> HTTP and HTTPS <input type="radio"/> Redirect HTTP to HTTPS <input type="radio"/> HTTPS Only	
Allowed HTTP Methods	<input checked="" type="radio"/> GET, HEAD <input type="radio"/> GET, HEAD, OPTIONS <input type="radio"/> GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE	

Field-level Encryption Config	<div></div>	
Cached HTTP Methods	GET, HEAD (Cached by default)	
Cache Based on Selected Request Headers	<div>None (Improves Caching) ▾</div> <div>Learn More</div>	
Object Caching	<div><div><input checked="" type="radio"/> Use Origin Cache Headers</div><div><input type="radio"/> Customize</div></div> <div>Learn More</div>	
Minimum TTL	<div>0</div>	
Maximum TTL	<div>31536000</div>	
Default TTL	<div>86400</div>	
Forward Cookies	<div>None (Improves Caching) ▾</div>	
Query String Forwarding and Caching	<div>None (Improves Caching) ▾</div>	
Smooth Streaming	<div><div><input type="radio"/> Yes</div><div><input checked="" type="radio"/> No</div></div>	

[Learn More](#)

RTMP (streaming video like live youtube video or fb video)

Create an RTMP distribution to speed up distribution of your streaming media files using Adobe Flash Media Server's RTMP protocol. An RTMP distribution allows an end user to begin playing a media file before the file has finished downloading from a CloudFront edge location. Note the following:

- Note: if you use cloudfront it's more faster than s3 as per performance to get data.because it's closer to your proxy.(s3+cloudfront is fast storage)
Its charge based on request and its chargeable.

Backup Strategies in aws

<https://www.qualitythought.in/wp-content/uploads/2017/03/BackUp-Strategies.pdf>

2 kind backup offline and online

Disaster recovery -

Onsite storage backup - storage area network SAN OR NAS network attached storage only for backup, Basically All of backup taken to nas and nas archive to the cloud.

Magnetic Tape backup

Offsite backup -stored in other location or outside office,

Onsite-Offsite Backups

Both options can be used to counteract some of their disadvantages.

For example: By having data offsite in addition to onsite, we can protect against disastrous events. The data is replicated in multiple locations, so if a fire or other event occurred, we could still recover the data from the other geographically separated location.

Having data onsite can also speed up recovery times and transfer times, since we wouldn't have to transfer massive amounts of data through the open Internet or through dedicated connections in order to recover data in the event of an issue.

Security of data

KMS (create private key with owner and public key with aws)- data at rest

Encrypt data and send it to aws s3 and when you need to download it and decrypt but it's time consuming.

https:// - its helps to secure data

Snowball

Large scale data transport (temporary storage)

AWS Snowball is a service used to transfer data into the cloud at faster-than-Internet speeds or harness the power of the AWS Cloud locally using AWS-owned appliances.

Create Job-Plan your job-give shipping details-give job details-set security-set notifications -review

Create a job

Step 1: Plan your job

Step 2: Give shipping details

Step 3: Give job details

Step 4: Set security

Step 5: Set notifications

Step 6: Review

Select a destination

This region may ship internationally. Select the shipping destination of your job.

First, select the destination country India ▼

What type of job do you need?

- ☒ **Import into Amazon S3**
AWS will ship an empty device to you for storage workloads. You'll transfer your data onto it, and ship it back. After AWS gets it, your data will be moved. [Learn more.](#)
- ☐ **Export from Amazon S3**
Choose what data you want to export from your S3 buckets for storage workloads. AWS will load that data onto a device and ship it to you. When you're done, ship the device back for erasing. [Learn more.](#)
- ☐ **Local storage only**



CREATE AN IMPORT JOB

Create a job in the AWS Snowball Management Console. AWS will ship an appliance for your job through your region's carrier.



CONNECT THE APPLIANCE

Plug the appliance into your local network. Download and run the Snowball client with your credentials to connect to the appliance.



COPY YOUR DATA TO THE APPLIANCE

Copy your data onto the appliance. Once complete, disconnect the appliance and ship it back as-is, no packaging required.

EFS- Elastic file system

(mount multiple space share) like network drive in AZ

Copy the file content of one region to another region we use efs or file share.

Configure network access

Configure file system settings

Configure client access

Review and create

We can use for aws data sync and aws backup

Create file system

Step 1: Configure network access

Step 2: Configure file system settings

Step 3: Configure client access

Step 4: Review and create

Configure network access

An Amazon EFS file system is accessed by EC2 instances running inside one of your VPCs. Instances connect to a file system by using a network interface called a mount target. Each mount target has an IP address, which we assign automatically or you can specify.

VPC vpc-85220aed (default) ⓘ

Create mount targets

Instances connect to a file system by using mount targets you create. We recommend creating a mount target in each of your VPC's Availability Zones so that EC2 instances across your VPC can access the file system.

	Availability Zone	Subnet ⓘ	IP address ⓘ	Security groups ⓘ
✓	ap-south-1a	subnet-6308590b (default) ▼	Automatic ⚙	sg-89f832e5 - default ✕
✓	ap-south-1b	subnet-5b0e8917 (default) ▼	Automatic ⚙	sg-89f832e5 - default ✕
✓	ap-south-1c	subnet-5536d42e (default) ▼	Automatic ⚙	sg-89f832e5 - default ✕

Amazon EC2 mount instructions

Setting up your EC2 instance

- Using the [Amazon EC2 console](#), associate your EC2 instance with a VPC security group that enables access to your mount target. For example, if you assigned the "default" security group to your mount target, you should assign the "default" security group to your EC2 instance. [Learn more](#)
- Open an SSH client and connect to your EC2 instance. (Find out how to [connect](#))
- If you're using an Amazon Linux EC2 instance, install the EFS mount helper with the following command:

```
sudo yum install -y amazon-efs-utils
```

You can still use the EFS mount helper if you're not using an Amazon Linux instance. [Learn more](#)

If you're not using the EFS mount helper, install the NFS client on your EC2 instance:

- On a Red Hat Enterprise Linux or SUSE Linux instance:

```
sudo yum install -y nfs-utils
```

- On an Ubuntu instance:

```
sudo apt-get install nfs-common
```

Mounting your file system

1. Open an SSH client and connect to your EC2 instance. (Find out how to [connect](#))

<https://docs.aws.amazon.com/efs/latest/ug/mt1-test.html>

```
3 package(s) needed for security, out of 12 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-1-51 ~]$ sudo su -
[root@ip-172-31-1-51 ~]# aws s3 ls
2017-04-28 14:03:55 rgvproject
2017-06-07 02:11:01 valaxyinfotech
2017-04-24 03:06:23 valaxywebsites
[root@ip-172-31-1-51 ~]# aws s3 mb valaxyinfotech01
<S3Uri>
Error: Invalid argument type
[root@ip-172-31-1-51 ~]# aws s3 mb s3://valaxyinfotech01
make_bucket: valaxyinfotech01
[root@ip-172-31-1-51 ~]# aws s3 rb valaxyinfotech01
<S3Uri>
Error: Invalid argument type
[root@ip-172-31-1-51 ~]# aws s3 rb s3://valaxyinfotech01
remove_bucket: valaxyinfotech01
```

Access S3 buckets from EC2 instances with IAM role

<https://www.youtube.com/watch?v=NHAuCWlHevk>

Install AWSCLI in Linux instance

Lunch redhat ec2 instance and connect

How to install AWSCLI in Linux instance

```
python --version
curl "https://s3.amazonaws.com/aws-cli/awscli-bundle.zip" -o "awscli-bundle.zip"
yum install unzip -y
unzip awscli-bundle.zip
#sudo apt-get install unzip - if you dont have unzip in your system
sudo ./awscli-bundle/install -i /usr/local/aws -b /usr/local/bin/aws
```

Install aws packages in Windows

Download software from below link and install

<http://s3.amazonaws.com/aws-cli/AWSCLI64.msi>

<https://www.youtube.com/watch?v=Dx1WSKcJTgE>

Create bucket

General configuration

Bucket name

myawsbucket

Bucket name must be unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

Region

Asia Pacific (Mumbai) ap-south-1

Bucket settings for Block Public Access

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☒ Block all public access

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☒ Block public access to buckets and objects granted through new access control lists (ACLs)


- ☒ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☒ **Block public access to buckets and objects granted through *new* public bucket or access point policies**
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☒ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

▼ Advanced settings

Object Lock

Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. [Learn more](#)

- ☒ **Disable**
- ☐ **Enable**
Permanently allows objects in this bucket to be locked. Additional configuration is required after bucket creation to protect objects in this bucket from being deleted or overwritten.

 Enabling Object Lock automatically enables Bucket Versioning.

Cancel

Create bucket

cloudiotmedia.com

Overview

Properties

Permissions

Management

Access points

 Upload

 Create folder

Download

Actions

Versions

Hide

Show

Asia Pacific (Mumbai)

This bucket is empty. Upload new objects to get started.



Upload an object

Buckets are globally unique containers for anything that you store in Amazon S3.



Set object properties

After you create a bucket, you can upload your objects (for example, your photos or video files).



Set object permissions

By default, the permissions on an object are private, but you can set up access control.

Versioning

Keep multiple versions of an object in the same bucket.

[Learn more](#)

☒ Enabled

Server access logging

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

[Learn more](#)

☐ Disabled

Static website hosting

Host a static website, which does not require server-side technologies.

[Learn more](#)

☐ Disabled

Object-level logging

Record object-level API activity using the CloudTrail data events feature (additional cost).

[Learn more](#)

Default encryption

Automatically encrypt objects when stored in Amazon S3

[Learn more](#)

Advanced settings

Object lock

Prevent objects from being deleted.

[Learn more](#)

☒ Permanently enabled

Tags

Use tags to track your cost against projects or other criteria.

[Learn more](#)

☐ 0 Tags

Transfer acceleration

Enable fast, easy and secure transfers of files to and from your bucket.

[Learn more](#)

☐ Suspended

Events

Receive notifications when specific events occur in your bucket.

[Learn more](#)

Requester pays

The requester (instead of the bucket owner) will pay for requests and data transfer.

[Learn more](#)

Overview

Properties

Permissions

Management

Access points

Block public access

Access Control List

Bucket Policy

CORS configuration

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to block public access, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that, if you turn on any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your bucket, review the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access

Off

Block public access to buckets and objects granted through new access control lists (ACLs)

Off

Block public access to buckets and objects granted through any access control lists (ACLs)

Off

Block public access to buckets and objects granted through new public bucket or access point policies

Off

Block public and cross-account access to buckets and objects through any public bucket or access point policies

Off

Overview

Properties

Permissions

Management

Access points

Block public access

Access Control List

Bucket Policy

CORS configuration

Access for bucket owner

	Canonical ID ⓘ	List objects ⓘ	Write objects ⓘ	Read bucket permissions ⓘ	Write bucket permissions ⓘ
<input type="radio"/>	032145413c4ed544329dbb6be210a4c3cff8f616f610296f1b89923d66e99550 (Your AWS account)	Yes	Yes	Yes	Yes

Access for other AWS accounts

+ Add account

Delete

Canonical ID ⓘ	List objects ⓘ	Write objects ⓘ	Read bucket permissions ⓘ	Write bucket permissions ⓘ
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Public access

Group ⓘ	List objects ⓘ	Write objects ⓘ	Read bucket permissions ⓘ	Write bucket permissions ⓘ
<input type="radio"/> Everyone				

Overview

Properties

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Access points

Block public access

Access Control List

Bucket Policy

CORS configuration

Bucket policy editor ARN: arn:aws:s3:::cloudiotmedia.com
Type to add a new policy or edit an existing policy in the text area below.

1

[Documentation](#) [Policy generator](#)

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Bucket Policy

CORS configuration

CORS configuration editor ARN: arn:aws:s3:::cloudiotmedia.com
Add a new cors configuration or edit an existing one in the text area below.

Delete

Cancel

Save

1

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+ Add lifecycle rule

Edit

Delete

Actions ▾

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

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Additional steps are required to enable cross-region replication (CRR) on this bucket.

Because you enabled object lock for this bucket, you must contact [AWS support](#) to enable CRR.

+ Add rule

Edit priorities

Edit

Delete

Actions ▾

You haven't created any replication rules for this bucket.

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Access points can be used to provide access to your bucket. The S3 console doesn't support using virtual private cloud (VPC) access points to access bucket resources. To access bucket resources from a VPC access point, you'll need to use the AWS CLI, AWS SDK, or Amazon S3 REST API. [Learn more](#)

Search by name

+ Create access point

Use this access point

Edit access point policy

Delete



Viewing 0 to 0

Name

Network access type

Access

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Metrics

Storage

Requests

Data transfer

Replication

1h

3h

12h

1d

1w

Search for filter/prefix/tag

As of 4/25/2



Filters (0)

+ Add



Info

No metrics are currently available for Storage.

Buckets (2)

Copy ARN

Empty

Delete

Create bucket

Buckets are the fundamental container in Amazon S3 for data storage. For others to access the objects in your buckets, you'll need to explicitly grant them permissions. [Learn more](#)

Find bucket by name

<

1

>



Name

Region

Access

Bucket created



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Asia Pacific (Mumbai) ap-south-1

2020-04-23T16:37:28.000Z



unifiedexcellence.com

US East (N. Virginia) us-east-1

Objects can be public

2020-04-24T17:34:23.000Z