

# How to use Storages at cyfuture.AI

A storage bucket in cloud computing is a scalable, high-availability container used to store and manage large amounts of data. Offered by cloud providers like Google Cloud Storage, AWS S3, and Azure Blob Storage, buckets serve as flexible storage solutions for structured and unstructured data, including files, images, videos, and backups. They support various access levels, enabling secure data sharing and integration with cloud-based applications. Storage buckets are designed for durability, redundancy, and cost efficiency, often offering multiple storage classes such as standard, nearline, coldline, or archival to optimize costs based on access frequency. Additionally, they support versioning, encryption, and lifecycle policies to automate data retention and deletion, making them essential for modern cloud infrastructure.

## Step 1: Login to your cyfuture.ai account.

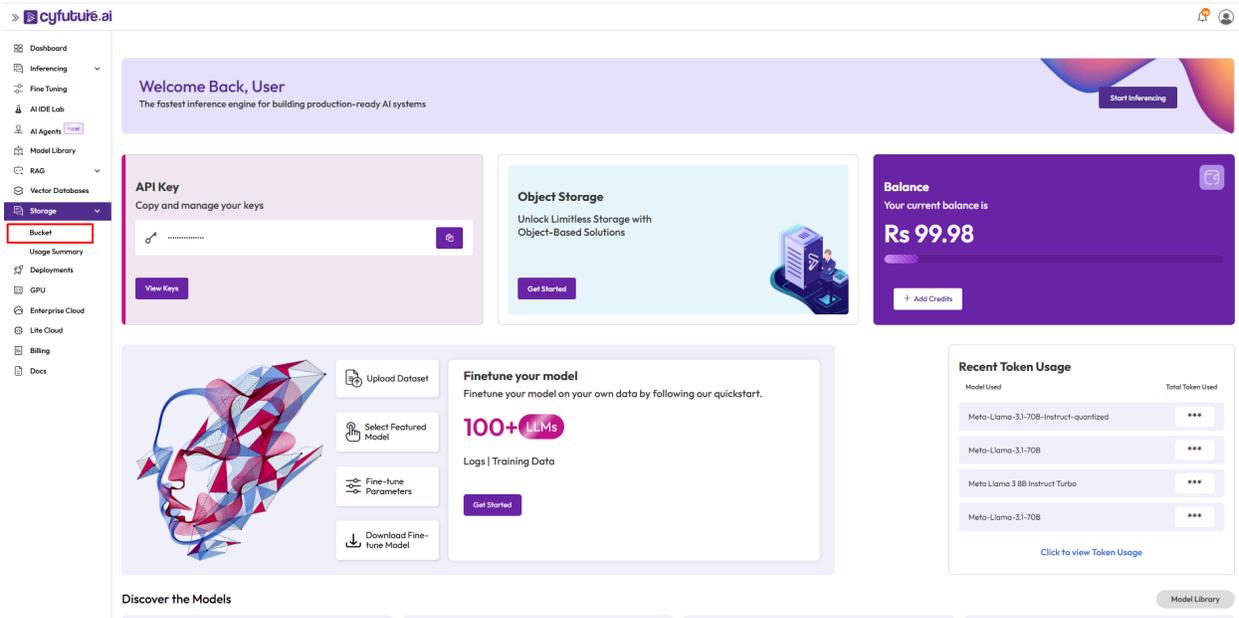
The screenshot displays the cyfuture.ai dashboard. At the top left, the logo 'cyfuture.ai' is visible. The main header area says 'Welcome Back, User' and 'The fastest inference engine for building production-ready AI systems'. A 'Start Inference' button is in the top right. Below the header, there are several key sections:

- API Key:** A section for copying and managing API keys, featuring a text input field and a 'View Keys' button.
- Object Storage:** A section titled 'Unlock Limitless Storage with Object-Based Solutions' with a 'Get Started' button.
- Balance:** A purple section showing 'Your current balance is Rs 99.98' and an 'Add Credits' button.
- Finetune your model:** A central section with a 3D face graphic and options to 'Upload Dataset', 'Select Featured Model', 'Fine-tune Parameters', and 'Download Fine-tune Model'. It also mentions '100+ LLMs' and 'Logs | Training Data'.
- Recent Token Usage:** A table showing token usage for various models.

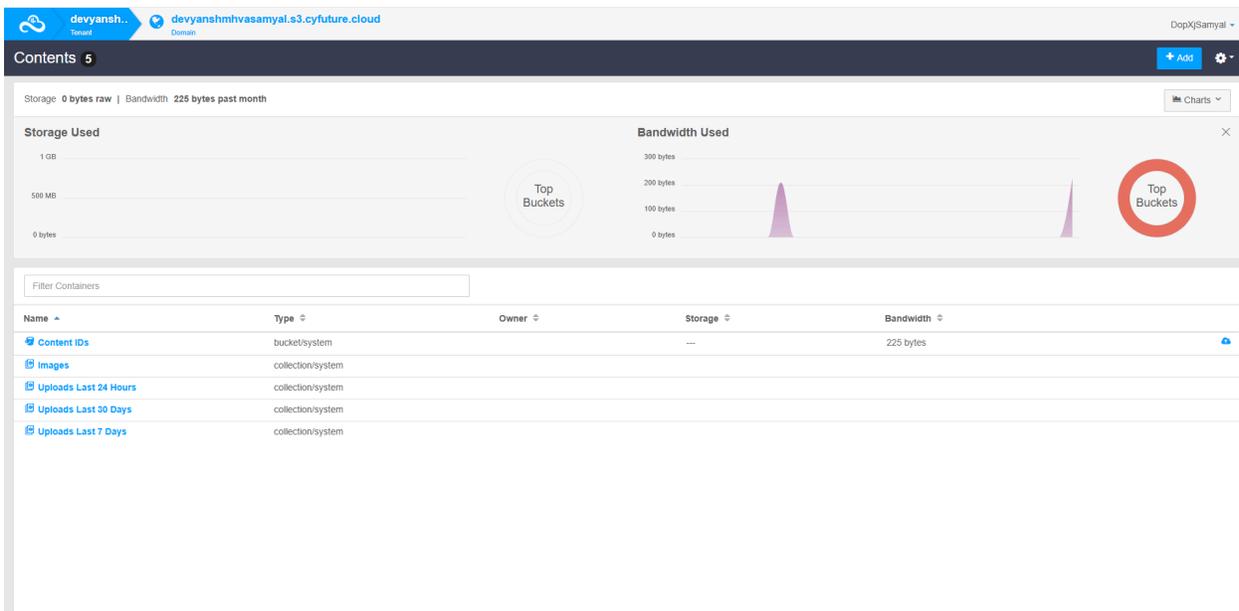
Model Used	Total Token Used
Meta-Llama-3.1-70B-Instruct-quantized	***
Meta-Llama-3.1-70B	***
Meta Llama 3.8B Instruct Turbo	***
Meta-Llama-3.1-70B	***

At the bottom, there are links for 'Discover the Models' and 'Model Library'.

**Step 2: Click on the storage service and select the bucket option from the menu.**



You will be redirected to the dashboard which shows the summary for your buckets.



### Step 3: How to generate domains.

Click on the top left button to view all the domains.

Storage 4 MB raw | Bandwidth 3 MB past month

Storage Used

Bandwidth Used

Filter Containers

Name	Type	Owner	Storage	Bandwidth
Content IDs	bucket/system		0 bytes	5 KB
Images	collection/system			
test	bucket	DopXjSamyay	4 MB	3 MB
Uploads Last 24 Hours	collection/system			
Uploads Last 30 Days	collection/system			
Uploads Last 7 Days	collection/system			

Click on Add to add a new domain. Provide a name for your newly created domain and click on add.

Storage 4 MB raw | Bandwidth 3 MB past month

Storage Used

Bandwidth Used

Filter Domains

Name	Owner	Storage	Bandwidth
devyanshmhivasamyal.s3.cyfuture.cloud	admin	4 MB	3 MB

Your newly created domain will be listed below.

NOTE: The name of the domain must end with 's3.cyfuture.cloud'.

The screenshot shows the 'Domains' management page. At the top, there's a header with the user name 'devyanshmhasamyal' and a search bar. Below the header, there are two charts: 'Storage Used' and 'Bandwidth Used', both showing a peak and labeled 'Top Domains'. Below the charts is a table with the following data:

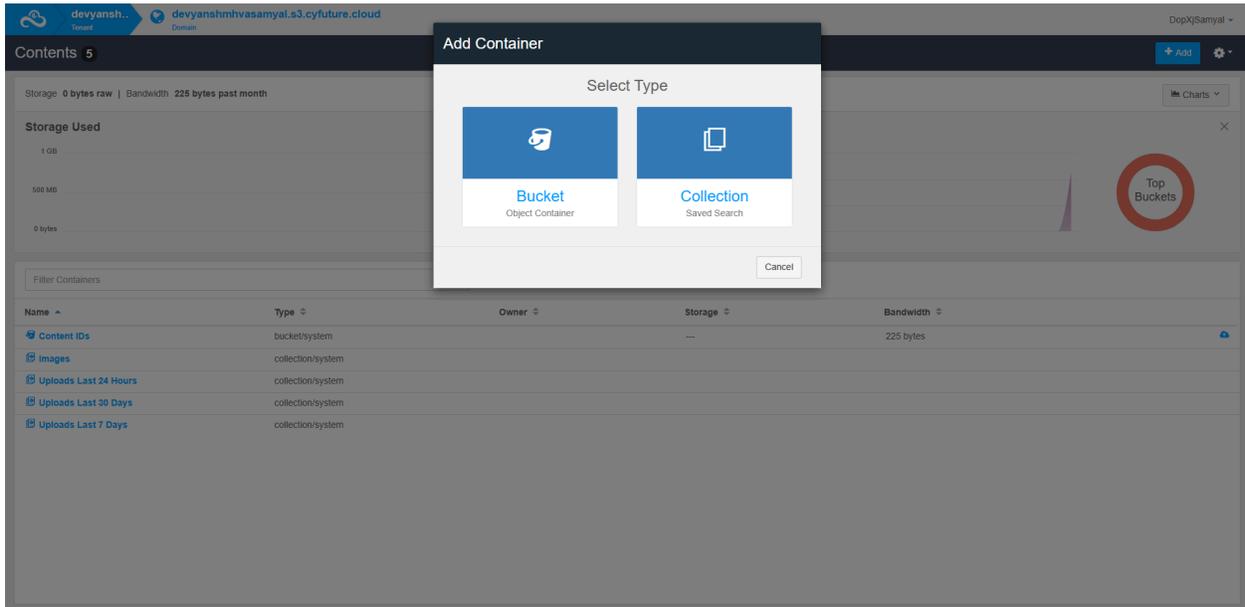
Name	Owner	Storage	Bandwidth
devyanshmhasamyal.s3.cyfuture.cloud	admin	4 MB	3 MB
test	DopXJSamyal	--	--

#### Step 4: Create a new bucket.

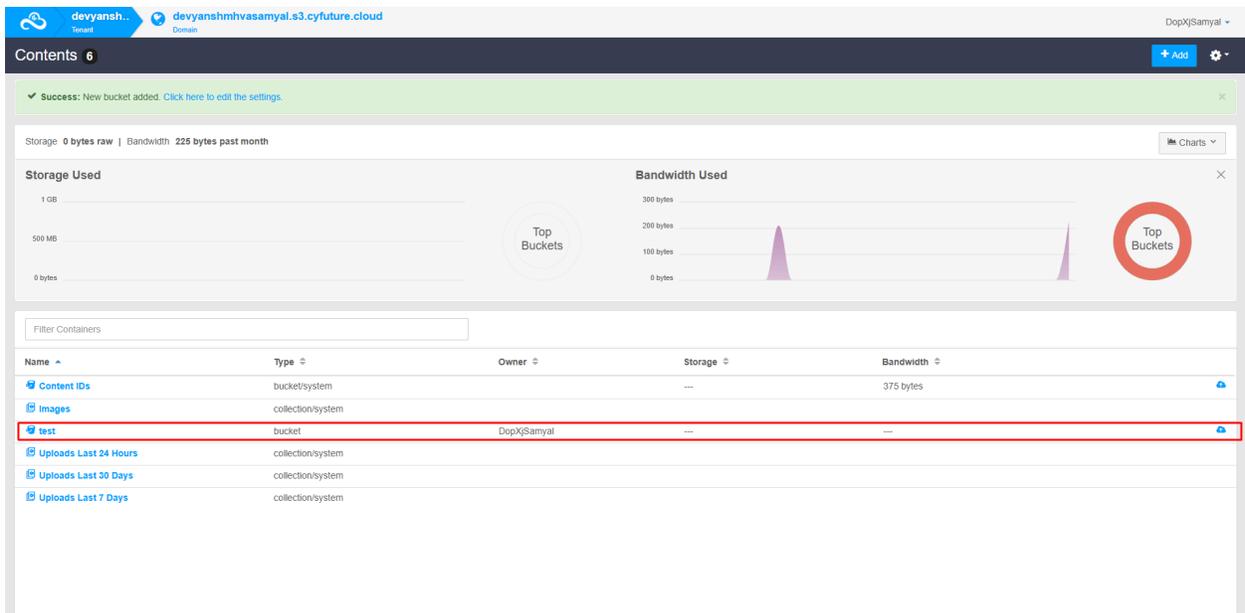
Click on the Add button and select bucket to create a new storage bucket and name it.

The screenshot shows the 'Contents' management page. At the top, there's a header with the user name 'devyanshmhasamyal.s3.cyfuture.cloud' and a search bar. Below the header, there are two charts: 'Storage Used' and 'Bandwidth Used', both showing a peak and labeled 'Top Buckets'. Below the charts is a table with the following data:

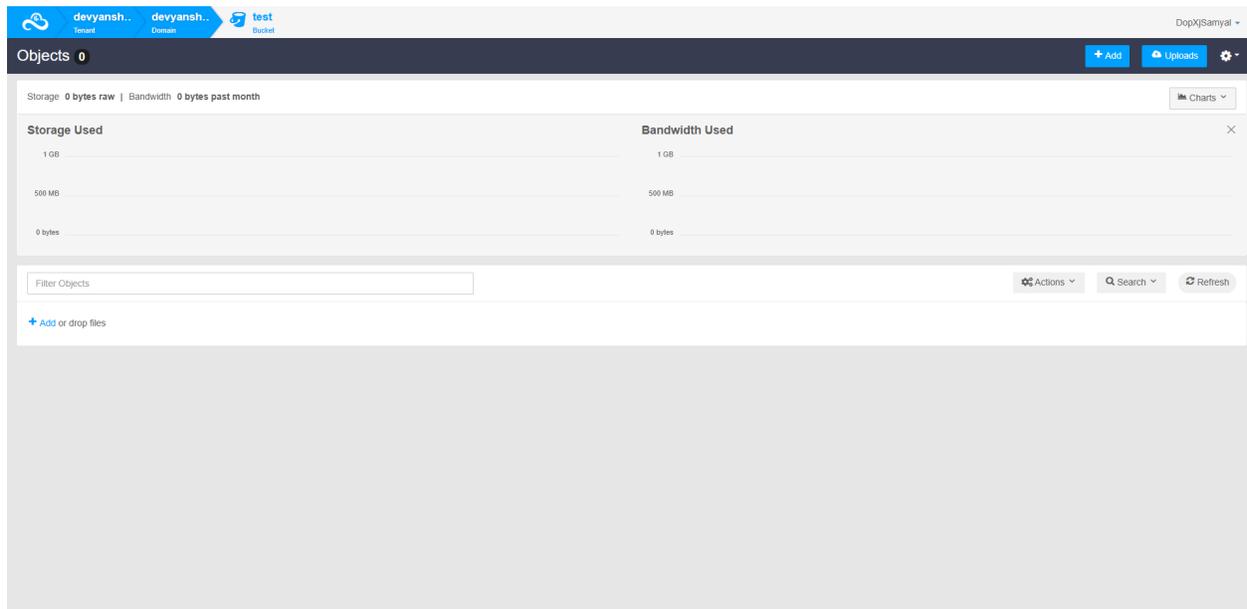
Name	Type	Owner	Storage	Bandwidth
Content IDs	bucket/system		--	225 bytes
Images	collection/system			
Uploads Last 24 Hours	collection/system			
Uploads Last 90 Days	collection/system			
Uploads Last 7 Days	collection/system			



**Step 5: Your newly created bucket will be visible in the dashboard.**



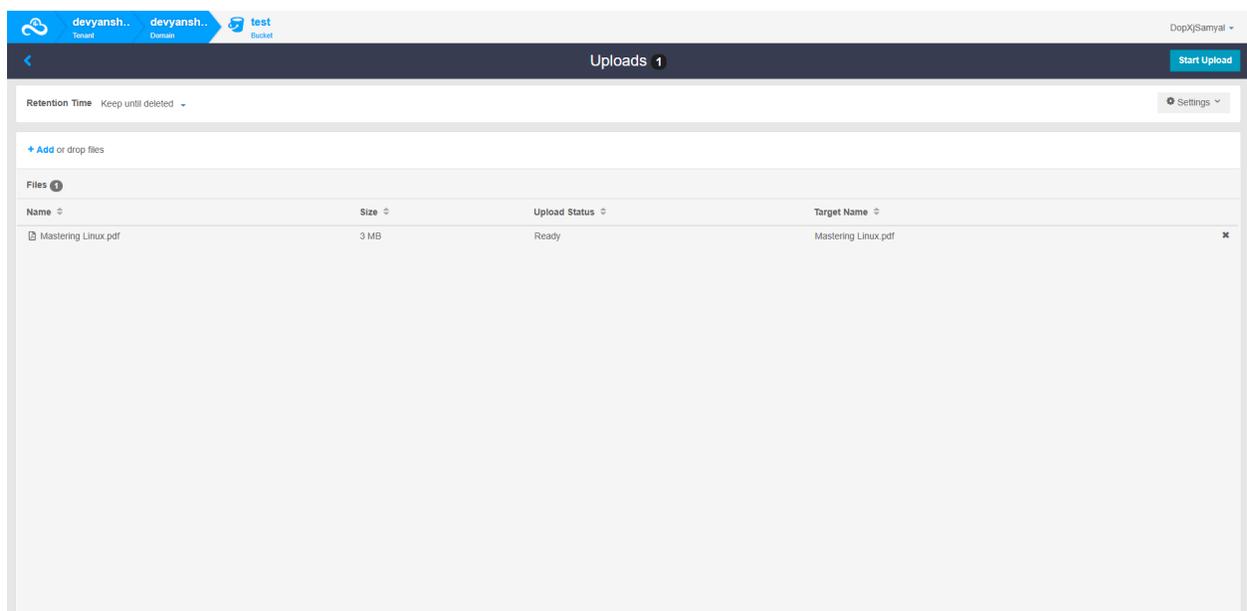
You can click on the bucket to view the Objects inside it or to upload data in it.



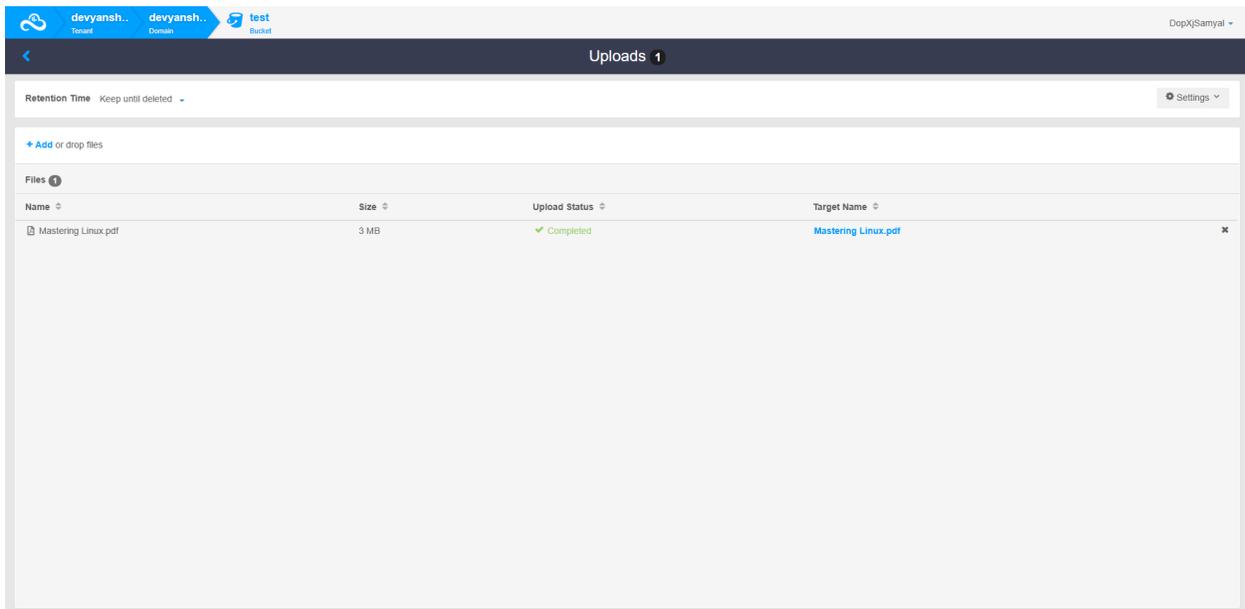
## Step 6: Upload files in the bucket.

Click on the 'Add or drop files' button to select and upload files in the bucket.

You can preview the selected files before you begin upload to the bucket.

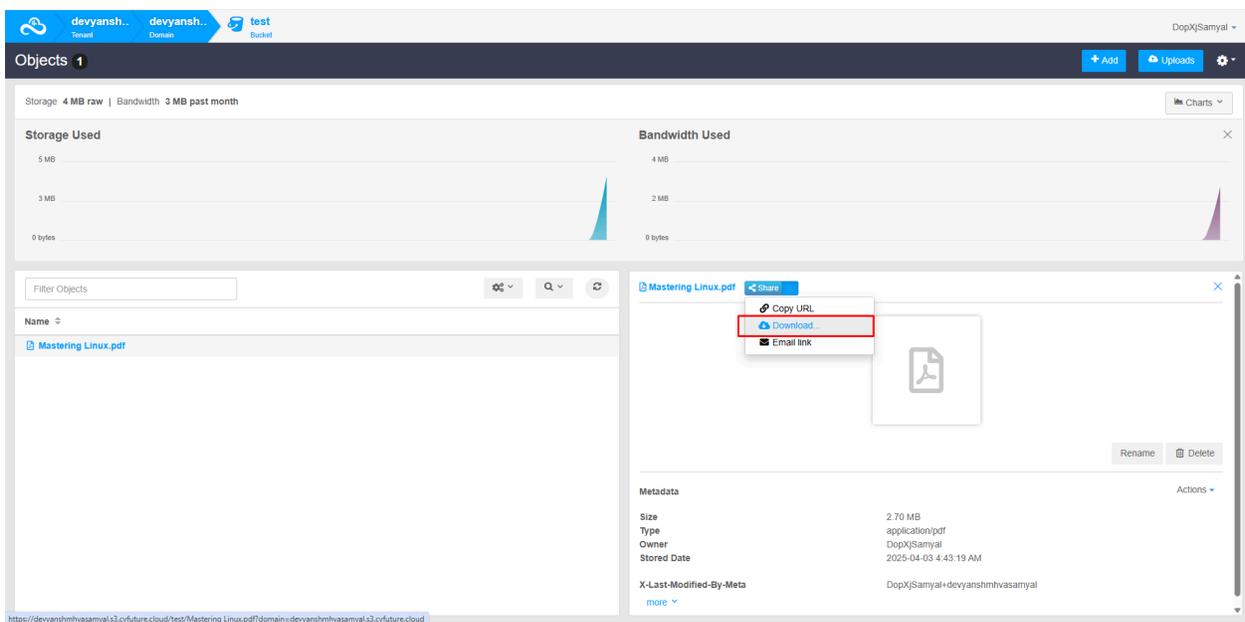


Once completed, the upload status will show as completed.

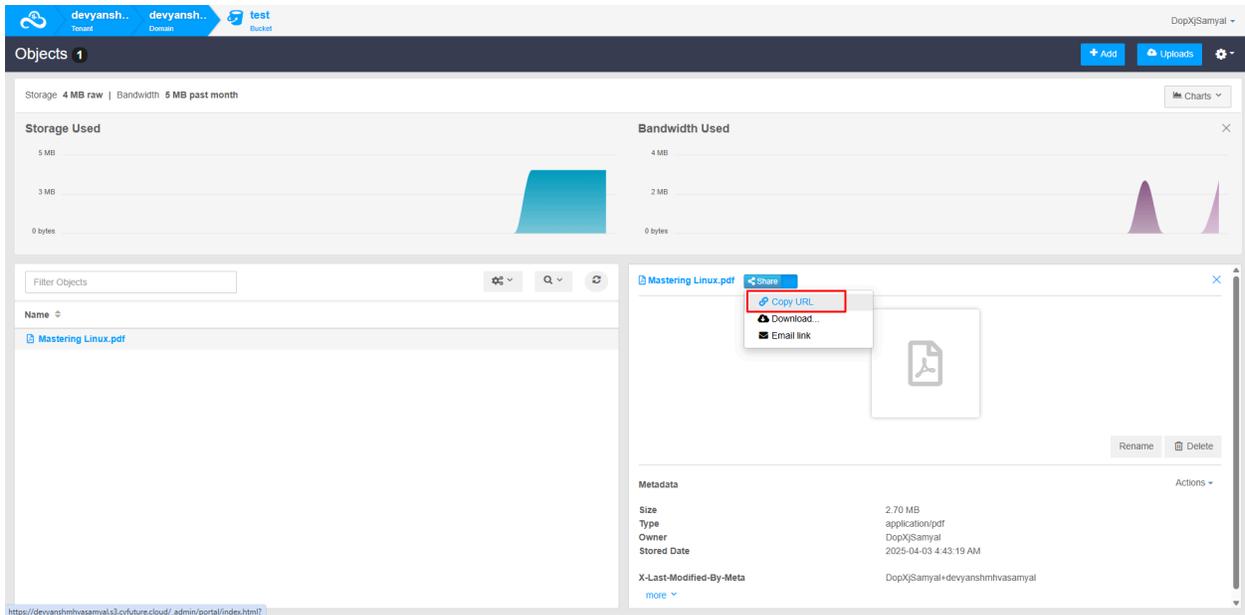


### Step 7: Download files from the bucket.

Open the bucket you want to download files from and click on the file name. A pop up will appear. Click on the download button in the share menu to download your respective file.

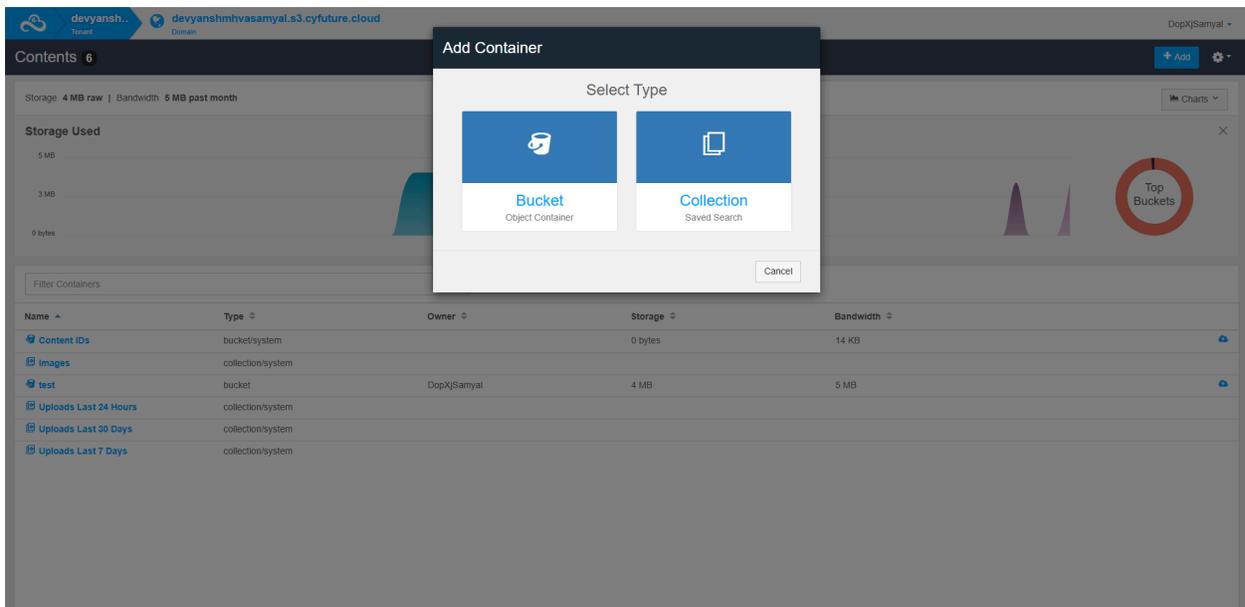


You can also view your files on the browser by clicking on the copy URL option and pasting it in your browser window.



## Step 8: How to create collections.

To create a collection, click on the add button and select collections.



Enter the details for the collection such as filters and headers and select the bucket which would be a part of the collection.

The screenshot shows the 'New Collection' interface. At the top, there's a navigation bar with 'devyansh...' and 'New Collection' tabs. Below that, a 'Search Results' header contains 'Cancel' and 'Save' buttons. A large light blue box with an information icon and the text 'Add search criteria and refresh to view results' is centered. Below this is a 'Filter Objects' input field and 'Actions', 'Search', and 'Refresh' buttons. The 'SEARCH CRITERIA' section includes an 'Add' button and a 'Search Scope' dropdown set to 'test'. A 'BUCKETS' dropdown is open, showing 'Content IDs' and 'test' (highlighted with a red box). Below the buckets are 'Name', 'Owner', and 'Storage Date' fields. The 'COLUMN HEADERS' section includes 'Size' and 'Type' dropdowns.

Provide a name for the collection and click on save.

The screenshot shows the 'Save Search As Collection' dialog box. It has a title bar and a 'Collection Name' input field containing 'test\_collected'. 'Cancel' and 'Save' buttons are at the bottom right. The background is dimmed, showing the same 'New Collection' interface as the previous screenshot, with the 'Add search criteria and refresh to view results' message still visible.

Your newly created collection will be listed in the contents.

The screenshot shows the 'Contents' page for a user named 'devyansh...' on the domain 'devyanshmhvasamyal.s3.cyfuture.cloud'. The page displays storage and bandwidth usage for the past month. The storage used is 4 MB raw, and the bandwidth used is 5 MB. The 'test\_collection' entry is highlighted with a red box in the table below.

Name	Type	Owner	Storage	Bandwidth
Content IDs	bucket/system		0 bytes	17 KB
images	collection/system			
test	bucket	DopXjSamyal	4 MB	5 MB
test_collection	collection			
Uploads Last 24 Hours	collection/system			
Uploads Last 30 Days	collection/system			
Uploads Last 7 Days	collection/system			

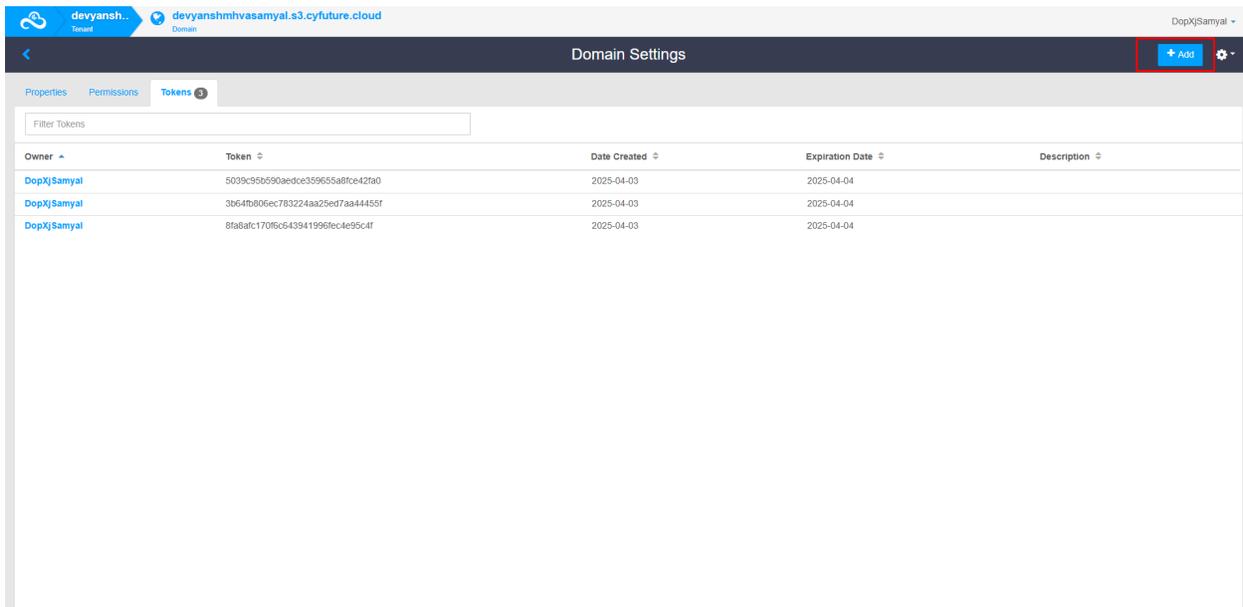
### Step 9: How to generate access tokens.

To generate access tokens for your buckets, click on the settings button on the top right corner and click on tokens.

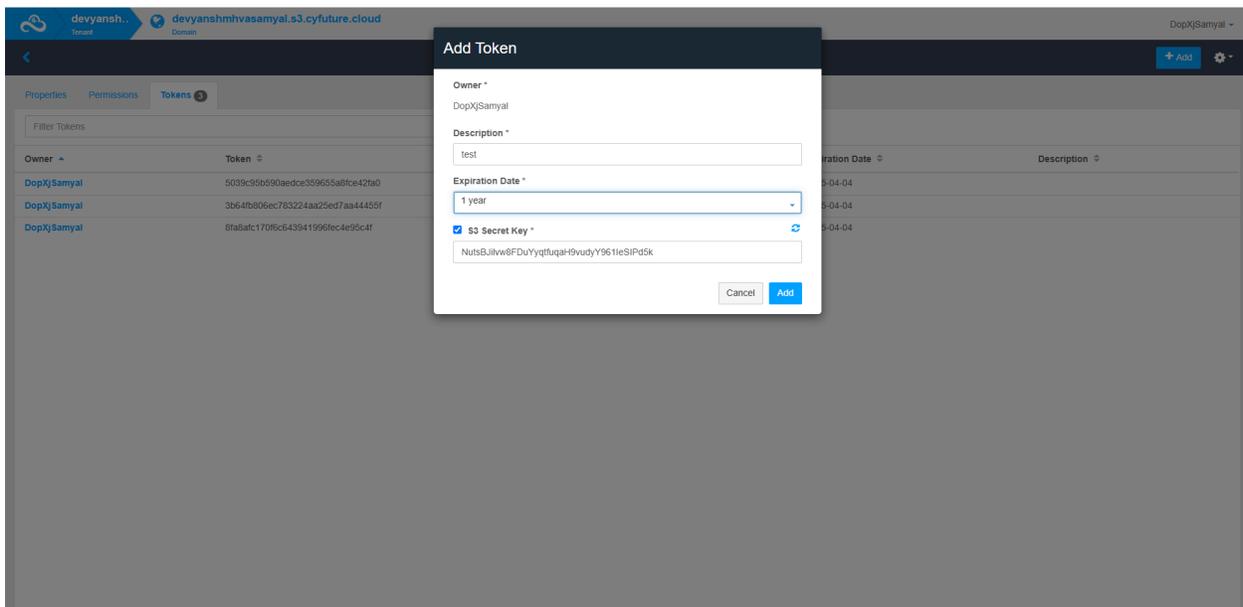
The screenshot shows the 'Contents' page for the same user and domain. The settings menu is open in the top right corner, and the 'Tokens' option is highlighted with a red box. The table below shows the 'test' bucket with 4 MB storage and 3 MB bandwidth.

Name	Type	Owner	Storage	Bandwidth
Content IDs	bucket/system		0 bytes	1 KB
images	collection/system			
test	bucket	DopXjSamyal	4 MB	3 MB
Uploads Last 24 Hours	collection/system			
Uploads Last 30 Days	collection/system			
Uploads Last 7 Days	collection/system			

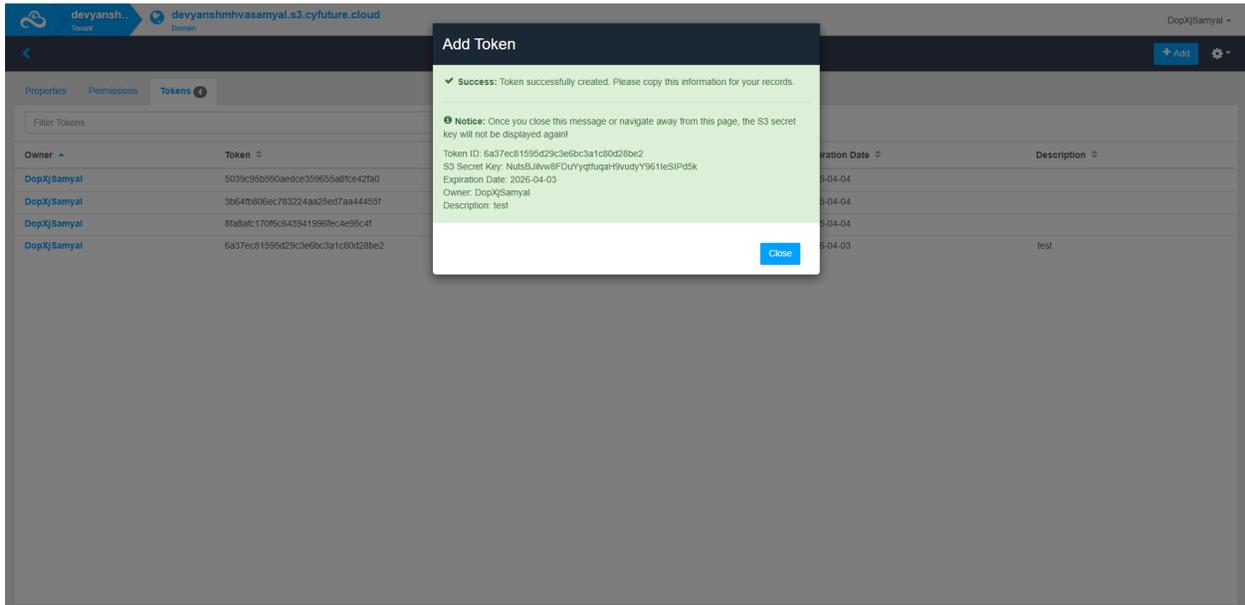
Now, click on Add in the top right corner to create a new token.



Enter the name and expiration date for the token and click on add.

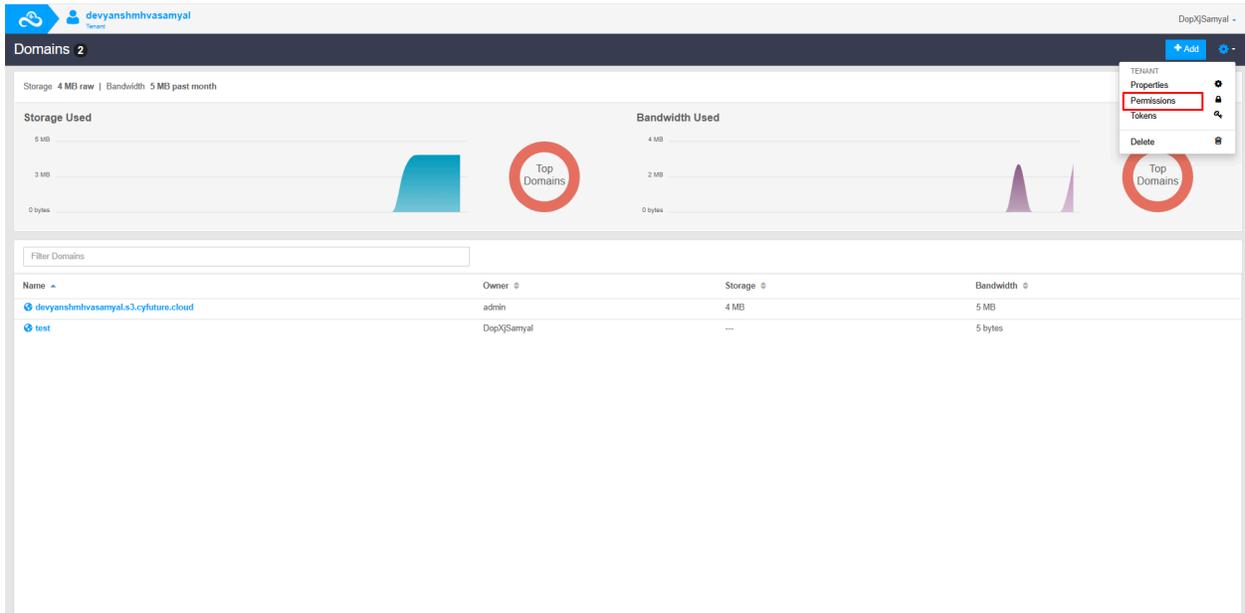


Once created, a success message will be displayed on the screen.

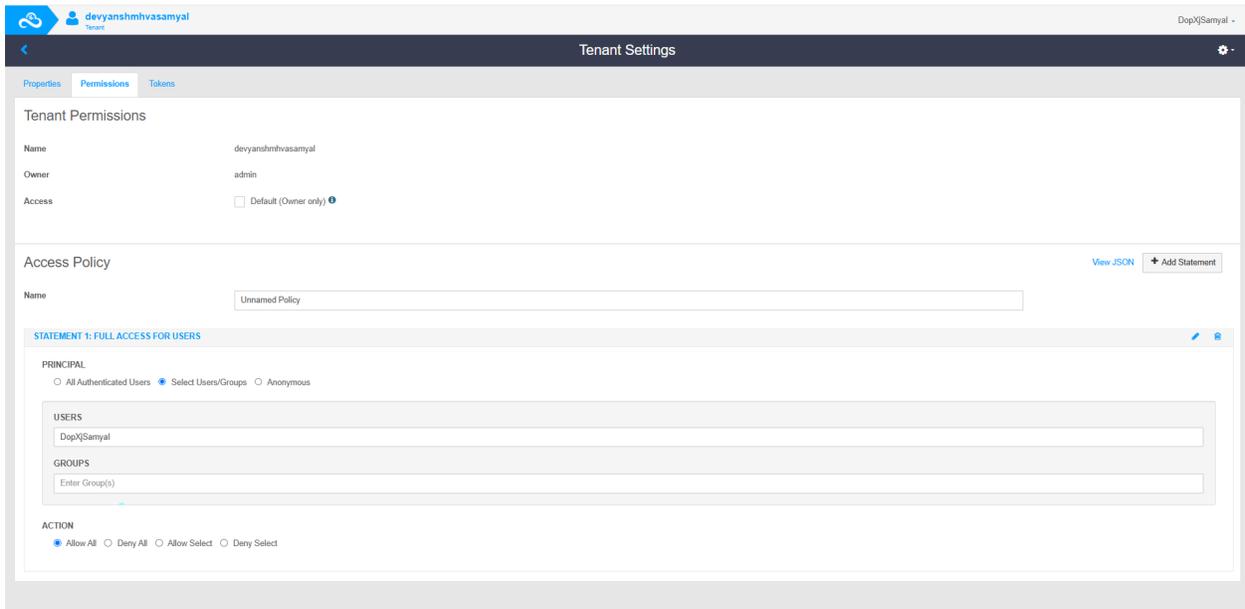


## Step 10: How to set permissions.

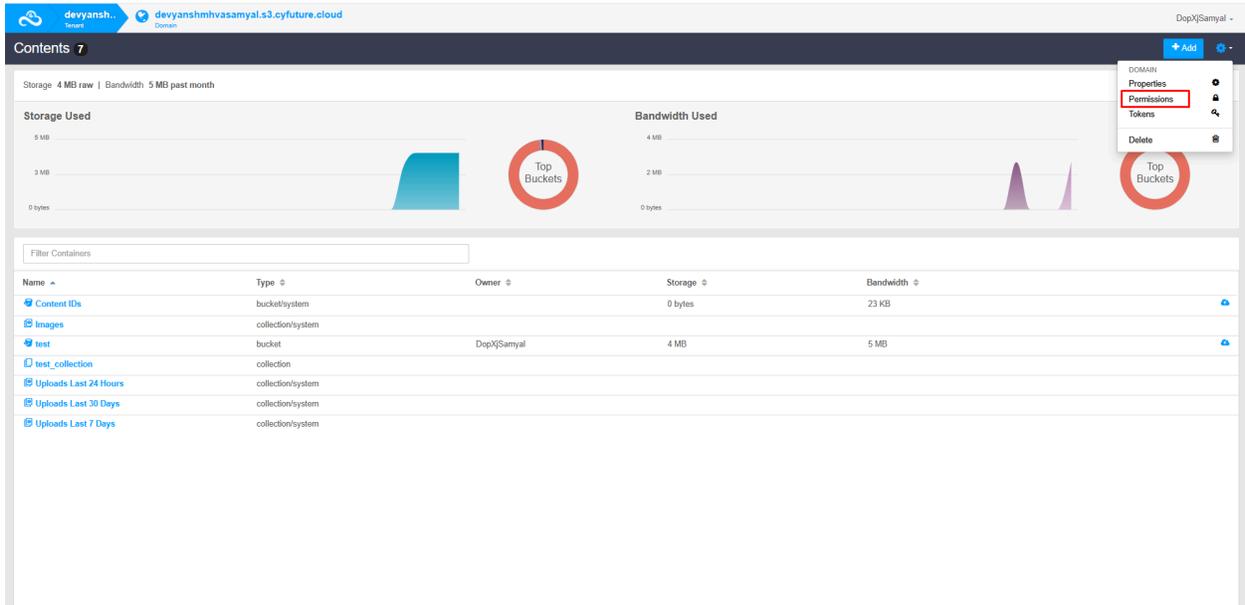
To set permissions for your domains, enter the domain menu first and then click on the permissions button from the dropdown button on the top right corner.



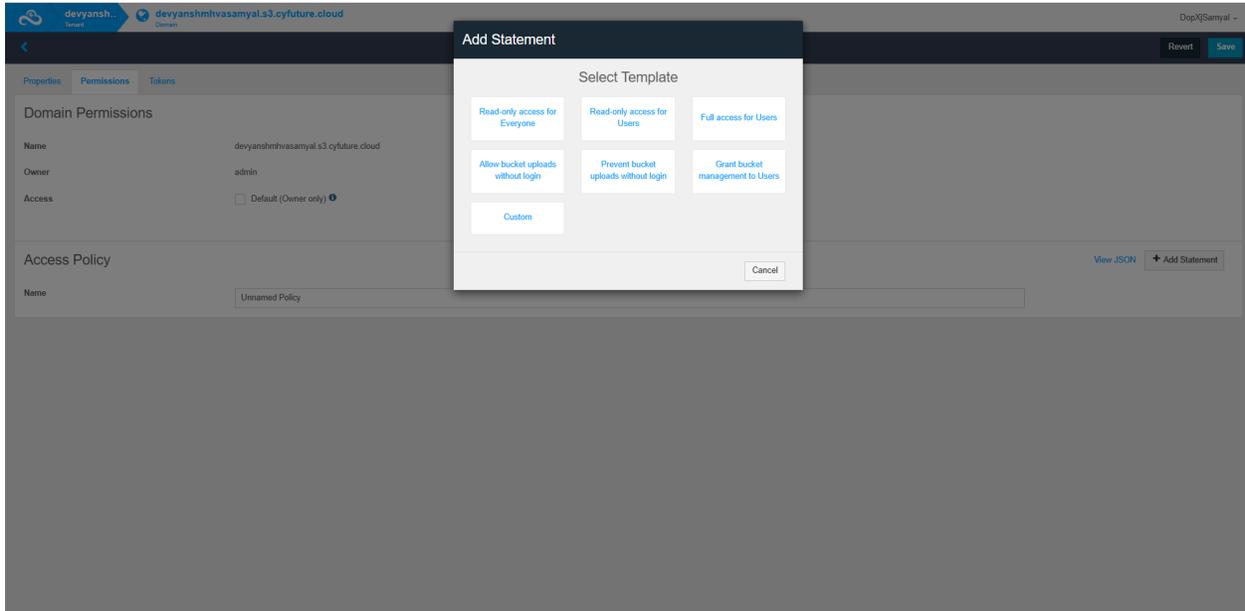
Set permissions and properties as per your requirement for your domains.



To set permissions for your buckets, first navigate to the contents of your domain, then again click on the permissions button from the dropdown button on the top right corner.

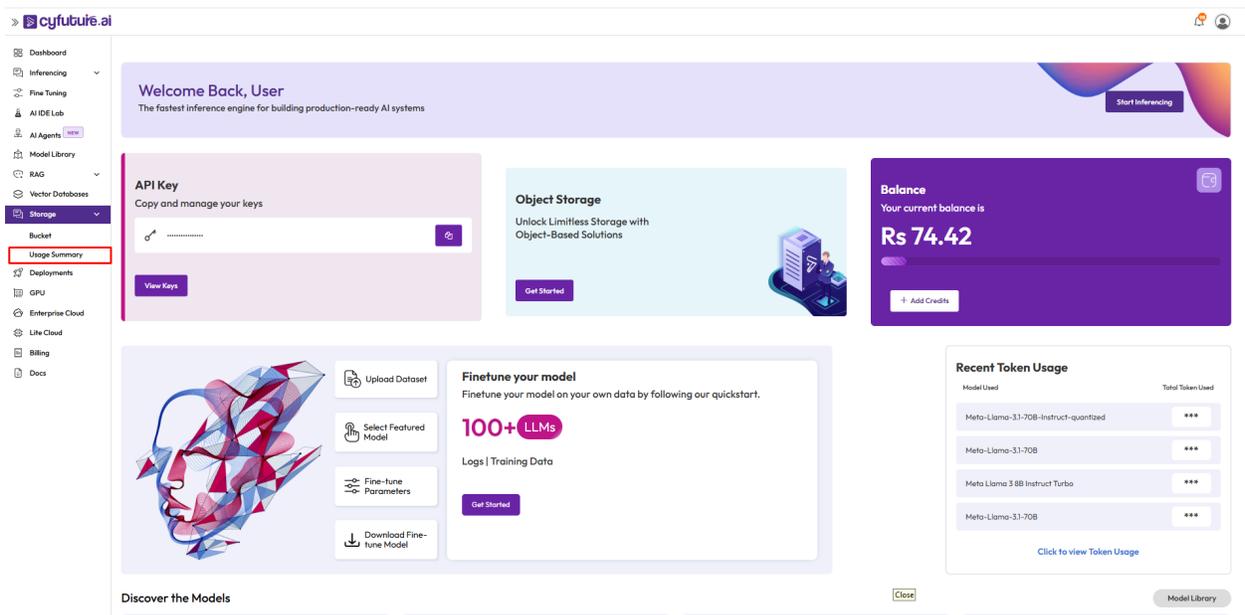


Click on the add statement option to select from various templates to set permissions like read-only access for everyone, full access for users or to create custom permissions. Change the properties and permissions as per your requirement for your buckets.



## Step 11: How to view billing for your object storage.

Click on Usage summary within the Storage option from the menu.



The screen will redirect to a login page for your object storage. The credentials for the login will be shared on the registered mail id.

You can now view your Billing and Usage for the object storage.

The screenshot displays the 'Object Storage Usage' page on the cyfuture.ai website. At the top, there is a search bar labeled 'Search records' and a 'Show 10' dropdown menu. To the right, a box indicates a 'Remaining Balance' of ₹ 80.33. Below this, a section titled 'Your Object Storage Usage Information' includes 'From Date' and 'To Date' filters (both set to mm/dd/yyyy) and a 'SUBMIT' button. A table with the following columns is shown: S. No, Usage Amount (INR), Tenant, Usage (Bytes), and Bill Date. The table contains one record with the following data:

S. No	Usage Amount (INR)	Tenant	Usage (Bytes)	Bill Date
1	16.67	mansiRiffqdhiman	4.56 MB	2025-04-03

You have successfully used object storage service at cyfuture.ai