



Home



My Network



Jobs



Messaging



Notifications



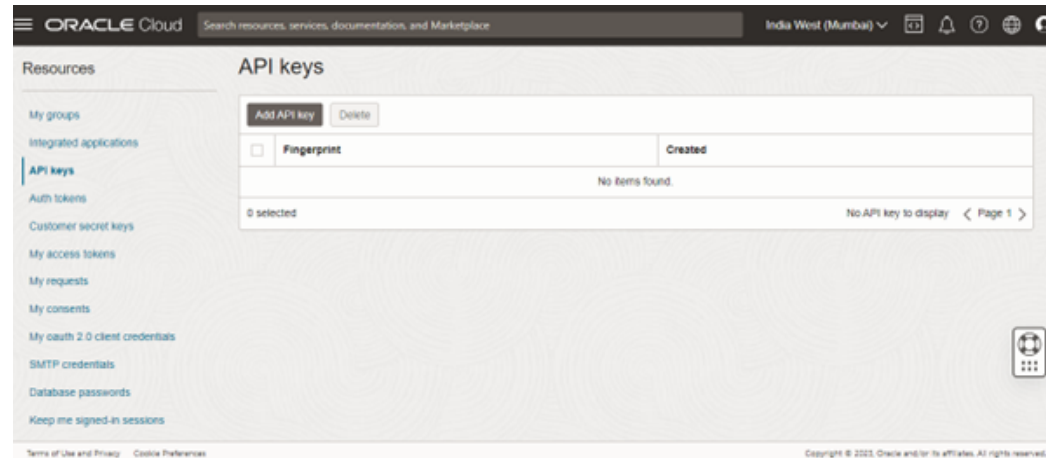
Me




For Business



Try Premium for ₹0



How To Upload A File From VBCS To OCI Storage Bucket?

 **Connection Group**
7,256 followers



November 29, 2023

What is OCI Object Storage?

The Oracle Cloud Infrastructure Object Storage service is a robust and scalable storage platform designed to deliver high performance and ensure reliable and cost-effective durability of your data.

Storage buckets serve as logical containers for object storage. Buckets can be created within a specific region as required. Each bucket is linked to a

dedicated compartment, which defines policies governing the actions users can take on the bucket and all its contained objects.

Following are some use cases of OCI Object Storage Service:

1. Backup of Oracle Database to Object Storage for data redundancy and durability.
2. Storage Gateway file management operations for connecting on-premises applications with OCI.
3. AI Services
4. Fast and efficient upload of bulk data from VBCS to Oracle ATP DB.

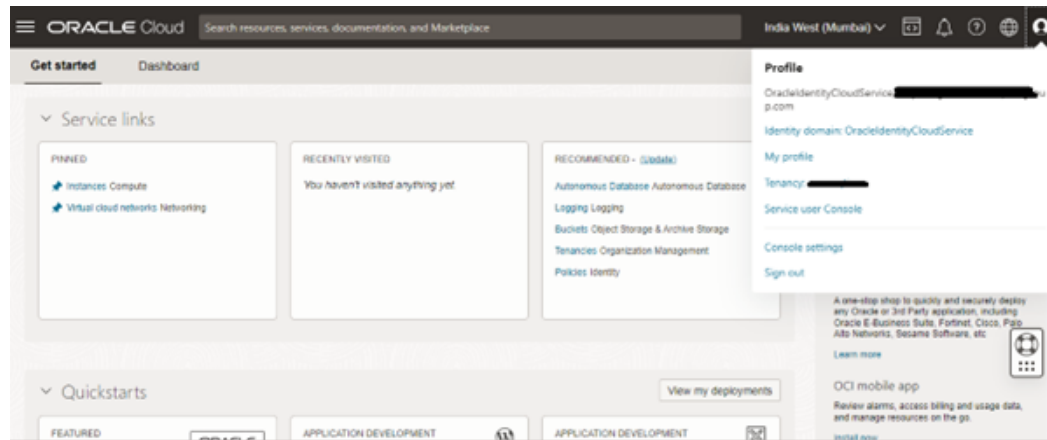
In this blog, we will see an overview of uploading a file from VBCS to Storage bucket.

Pre-requisites:

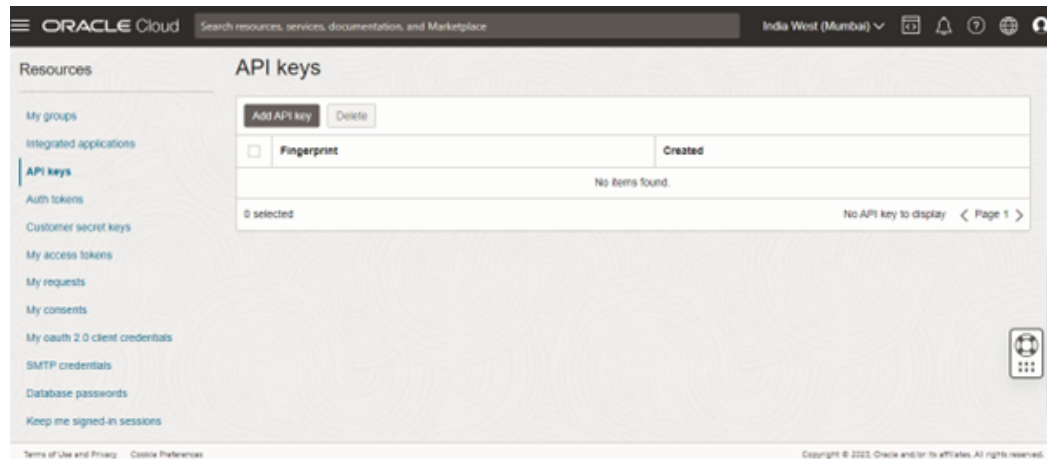
1. Visual Builder Cloud Service Instance
2. OCI Storage Bucket
3. Access to read and download objects from Bucket. You can refer to the following documentation for more information on required grants: [common policies](#).

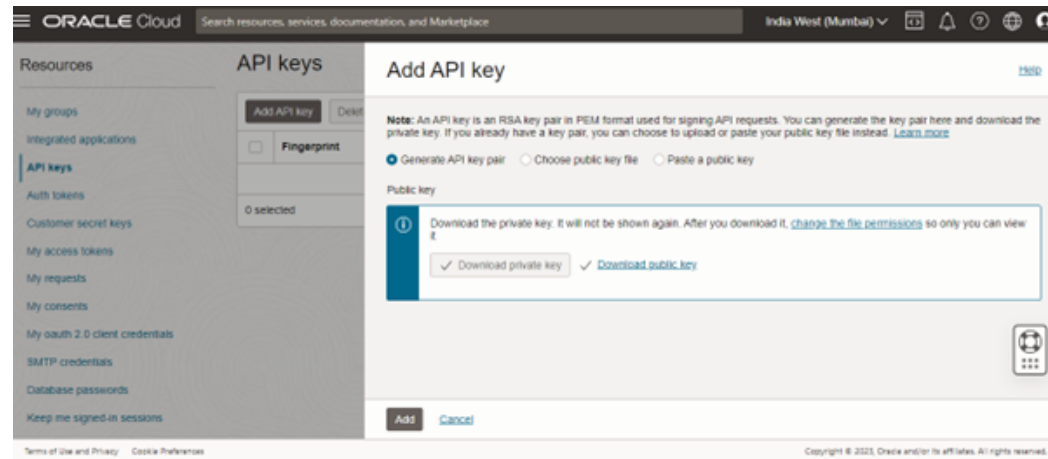
Steps for implementation:

Step 1: Login to the OCI Console and navigate to My Profile Page.

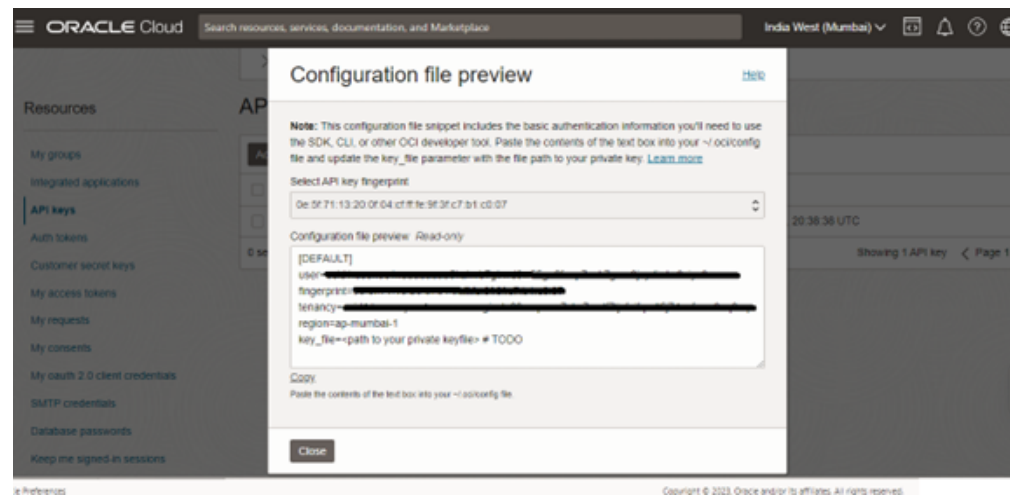


Step 2: Under API keys section, click Add API key.



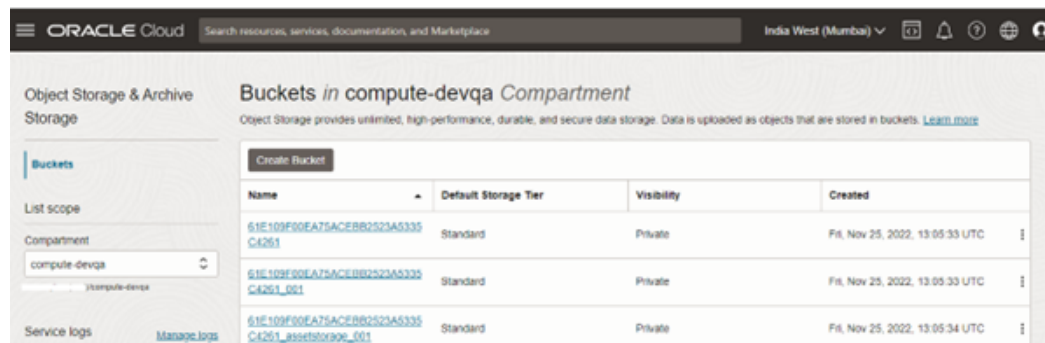
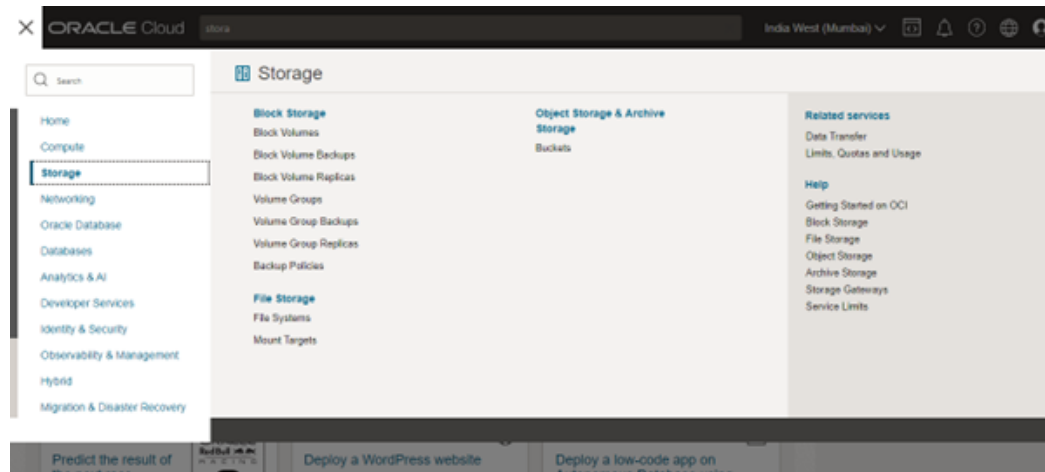


Download private and public key files and then click on Add.

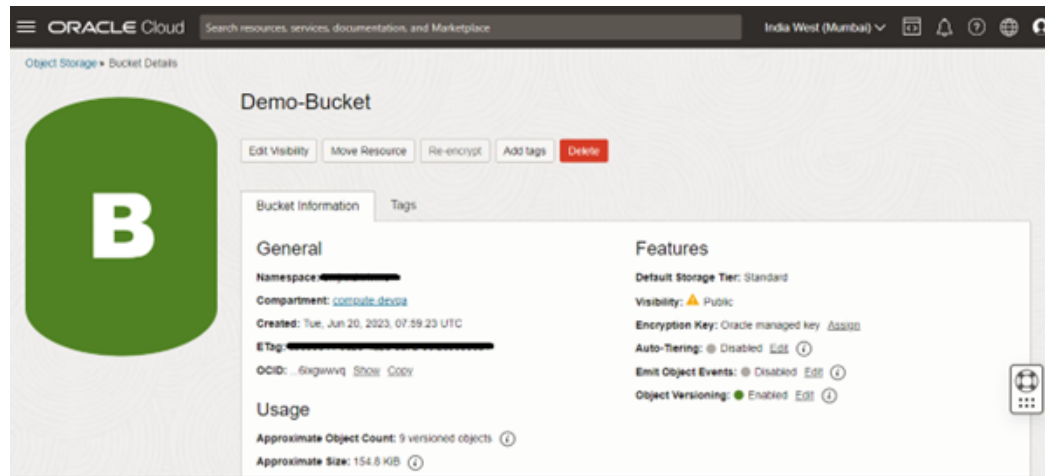


Copy and save the API key fingerprint and configuration file for later use before closing

Step 3: Under Buckets, select the correct compartment and the bucket to be used.



Step 4: Copy and save the namespace value to be used while creating service connection in Oracle VBCS.



Step 5: Get the [PutObject OCI Storage API](#) that will be utilized for creating service connection.

Step 6: Open your VBCS App. Create a new service connection using the endpoint flow with the following details:

URL – `https://[OCI Regional Host]/[version]/n/<namespaceName>/b/{bucketName}/o/{objectName}`

Method – PUT

Authentication – OCI API Signature 1.0.

Key Id : Using the configuration file that we saved in step 3, create the Key Id as follows: `<tenancy>/<user>/<fingerprint>`

Private Key : Paste the contents of Private Key file.

Media Type – application/Json

Response – none

Oracle Cloud Infrastructure API Signature

×

Key Id * ?

ocid1.tenancy.oc1..
vq/ocid1.user.oc1..
/cf.0

Private Key * ?

```
-----BEGIN PRIVATE KEY-----
MIIEvgIBADANBgkqhkiG9w0BAQEFAASCBAgEAAoIBAQDatkEoJJ4h3oFb
qVjkPRaIAmySiFQOOEaQncbX4O88O92C3ciSpHPL+eSsk2nS1cL8/YfTAMwdf5MF
-----END PRIVATE KEY-----=
```

Cancel

Save

Add bucketName and objectName path parameters.

storagebucketAPI

Overview Servers Endpoints Headers Source

Endpoints

Operation: put_pricing_bucket

Overview

Request

Response

Test

Parameters Headers Body

Path URL * ?

https://objectstorage.us-east-burn-1.oraclecloud.com/n/hduhfy7km7/b/

Path Parameters

Name	Default Value	Type	Required		
bucketname		String	☑	🔗	🗑
objectname		String	☑	🔗	🗑

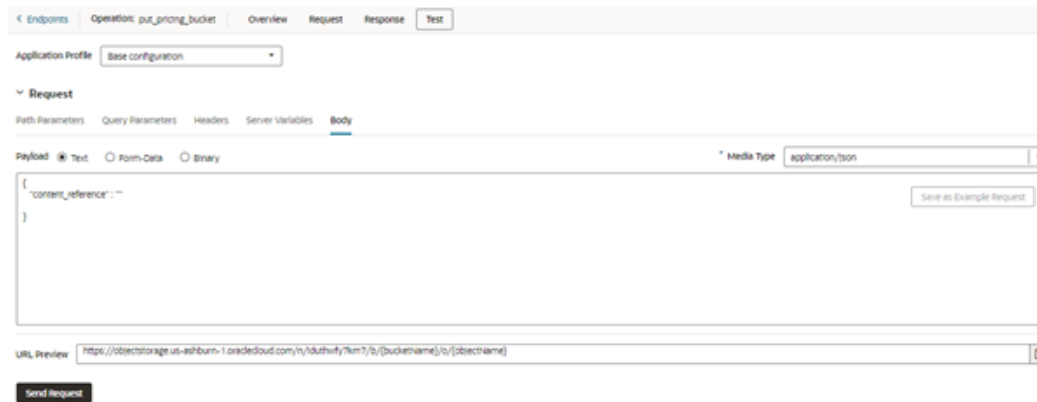
Dynamic Query Parameters

+ Add Dynamic Query Parameter

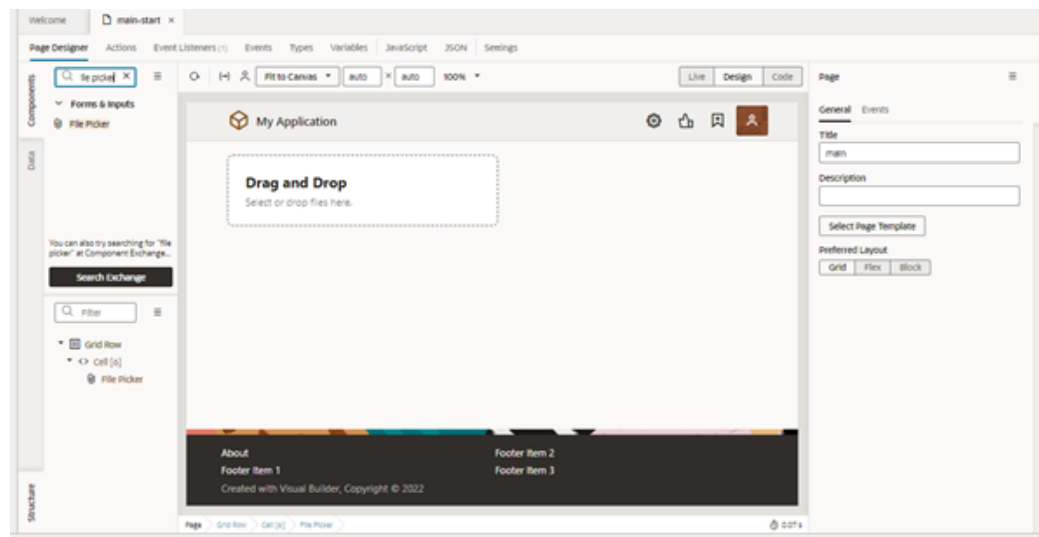
Static Query Parameters

+ Static Query Parameter

Add the request payload and create endpoint.

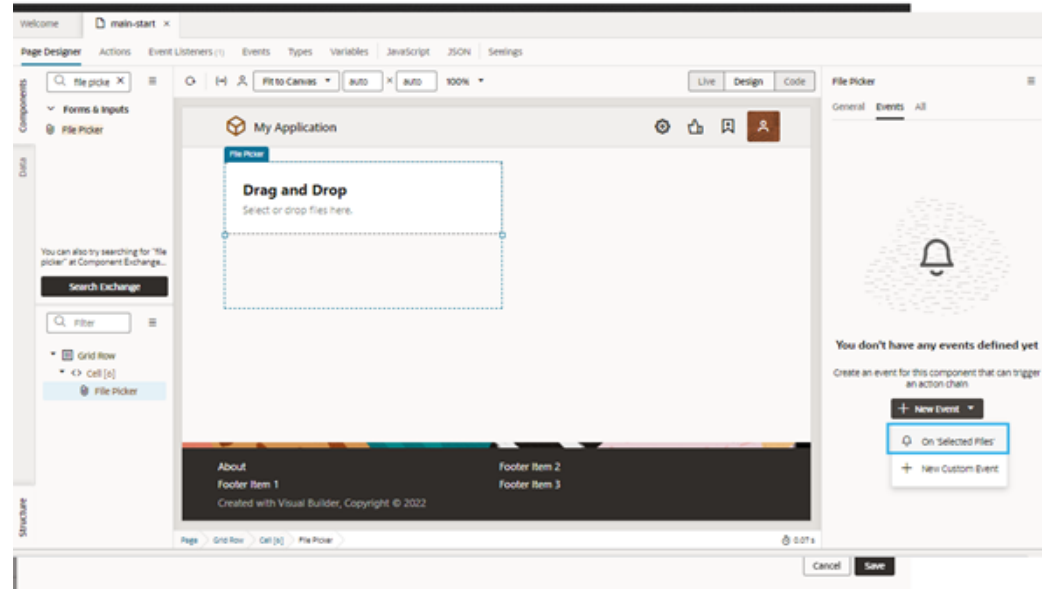


Step 7: In your webApp, drag and drop the File picker component onto the page. In the properties tab of the File Picker component, use Selection mode as **Single**.

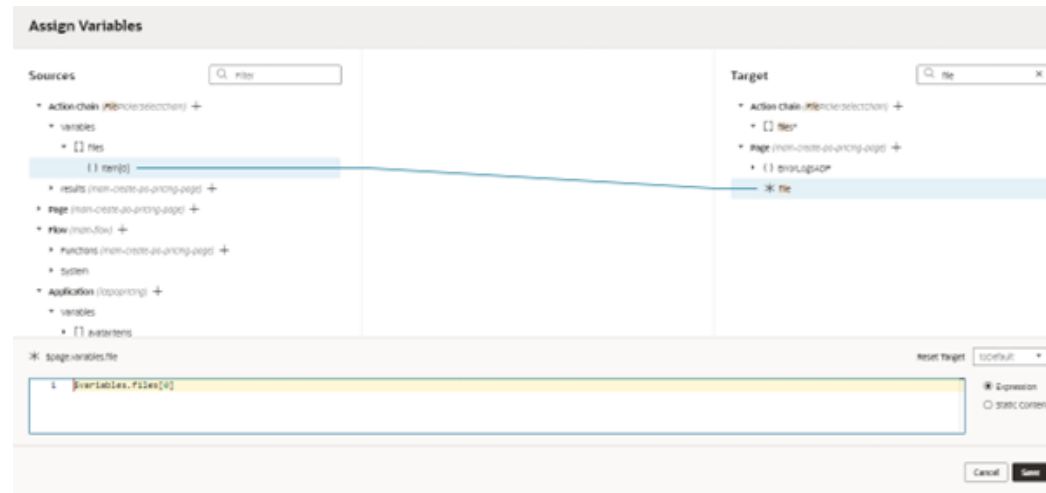


Also, create a page variable called **file** of type Any.

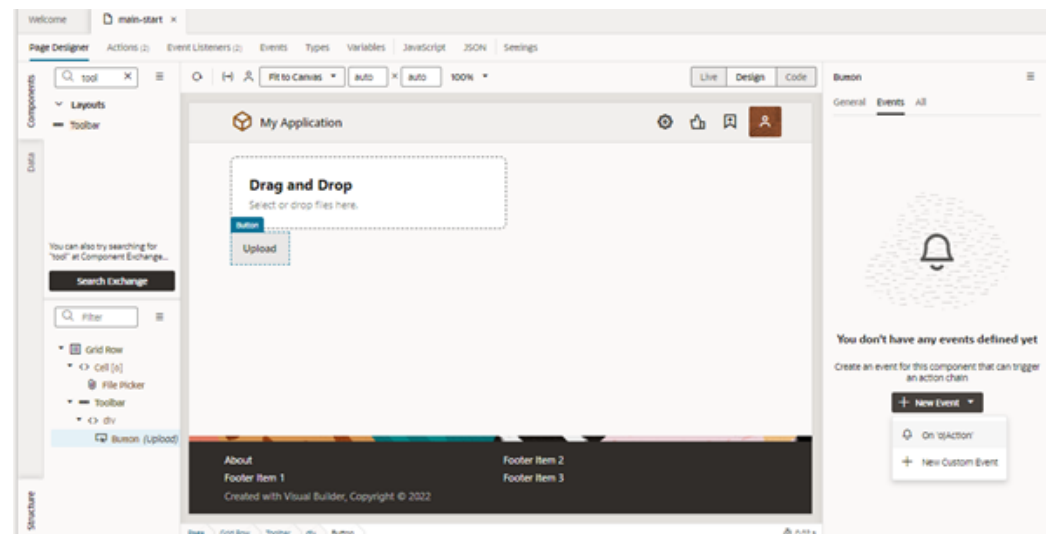
Step 8: Click the events tab, select **Selected File** event and create an action chain for this event.



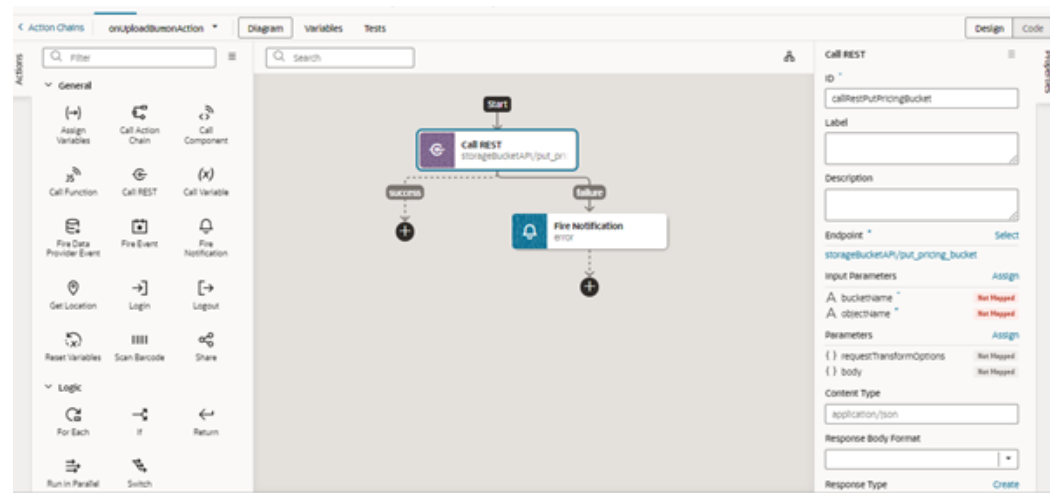
Within the action chain, add an Assign variables action and assign the **file** variable to input parameter files[0].



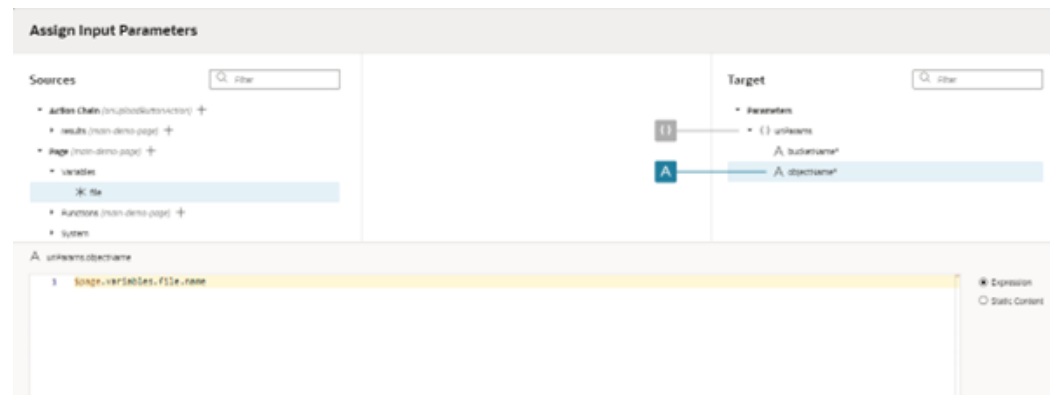
Step 9: Finally, add a button to the page and put label text as Upload. Click the events tab, select ojAction event and create an action chain.

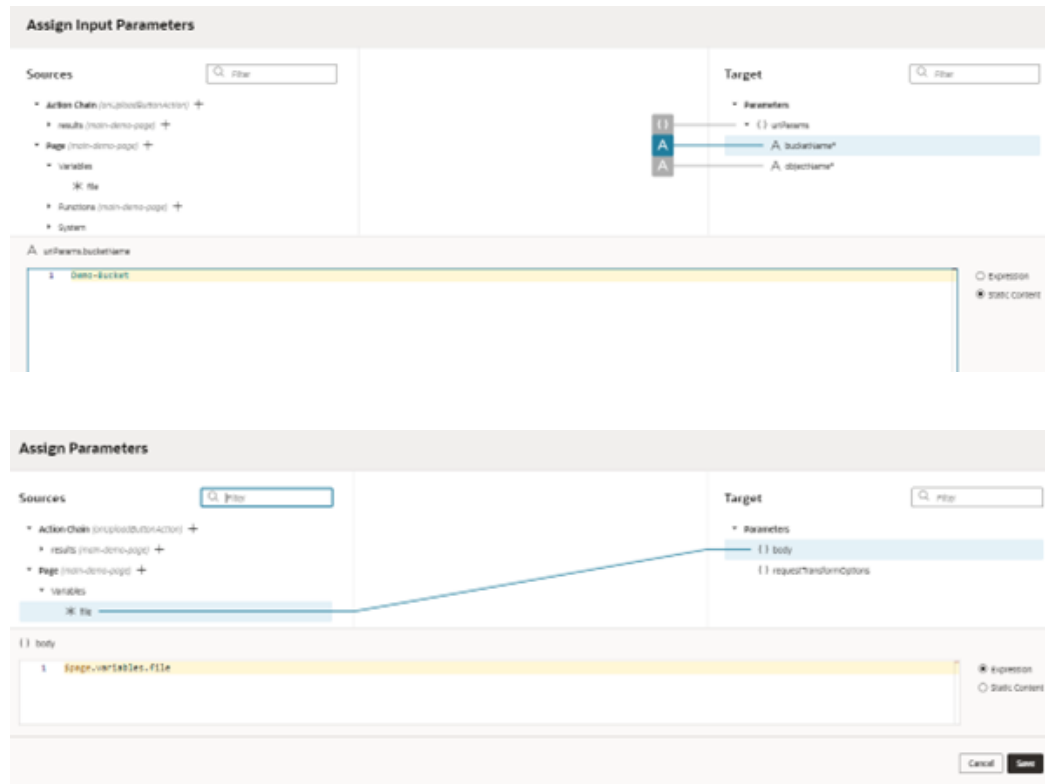


Within the action chain, add the Call Rest action and select the endpoint of the PutObject service connection.



Map the input parameters bucketName & objectName and the body.

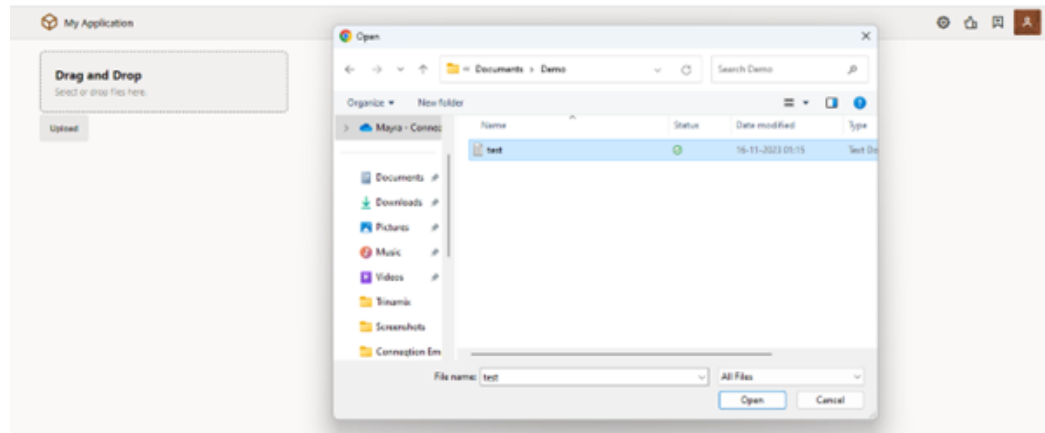




Additionally, we can add an If action to check if the rest call returned a response. No response means the file was uploaded successfully, and the user can be notified success otherwise we can throw error using Fire Notification action.

Result:

Select the file you want to upload and click Upload.



Log into OCI and navigate to your bucket to find the uploaded file.

Objects

Upload More Actions Show Deleted Objects Search by prefix

<input type="checkbox"/>	Name/Version ID	Last Modified	Size	Storage Tier	
<input type="checkbox"/>	demo.png	Sun, Nov 5, 2023, 21:10:43 UTC	2.15 KiB	Standard	⌵ ⋮
<input type="checkbox"/>	emp.csv	Mon, Jun 26, 2023, 08:16:09 UTC	103 bytes	Standard	⌵ ⋮
<input type="checkbox"/>	lees210-450305 King Audio IN-2069 \$1,991.87.pdf	Fri, Nov 3, 2023, 07:39:05 UTC	151.86 KiB	Standard	⌵ ⋮
<input type="checkbox"/>	test.txt	Wed, Nov 15, 2023, 19:55:23 UTC	13 bytes	Standard	⌵ ⋮

If you have any questions or concern, kindly leave a comment below or contact us on business@conneqtiongroup.com.

Report this article

Comments

👍 29



Add a comment...



No comments, yet.

Be the first to comment.

Start the conversation



Conneqtion Group

+ Follow

About

Community Guidelines

Privacy & Terms ▾

Sales Solutions

Safety Center

Accessibility

Careers

Ad Choices

Mobile

Talent Solutions

Marketing Solutions

Advertising

Small Business



Questions?

Visit our Help Center.



Manage your account and privacy

Go to your Settings.



Recommendation transparency

Learn more about Recommended Content.

Select Language

English (English)