



Partner's configuration manual- Issuer

A Digital India Initiative

National e-Governance Division
Department of Electronics and Information Technology

Work Flow for Issuer Side Process

Information for Development of Demo Applications

- Digital Locker Demo Citizen Portal (use this to create demo account for testing)
<https://developers.digitallocker.gov.in/>
- Digital Locker Demo Partner Portal (use this for doing required admin settings)
<https://devpartners.digitallocker.gov.in>

Information for Development of Demo Applications

- Issuer dedicated Repository API Specification (for cases where Issuer docs are aadhaar seeded)

https://img1.digitallocker.gov.in/assets/img/digital_locker_dedicated_repository_push_API_specification_v1_7_2.pdf

- Pull API Specification (for cases where Issuer docs are not aadhaar seeded)

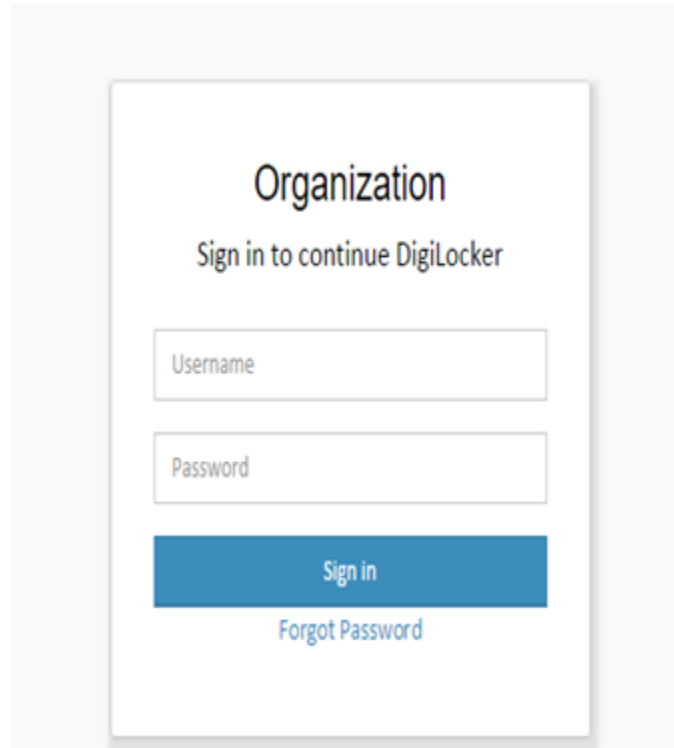
https://img1.digitallocker.gov.in/assets/img/digital_locker_pull_API_specification_v1_3.pdf

Section 1: Access of Admin Account



Step 1- Access Partner Portal


<https://devpartners.digitallocker.gov.in/public/login>


Step 2- Login using issuer credentials entered while registering (*Please note that the login details are activated only once you receive approval email on your registered email id and you have clicked on activating link*)

A screenshot of the 'Organization' login page for DigiLocker. The page has a white background with a light gray border. At the top, the word 'Organization' is centered in a large, dark font. Below it, the text 'Sign in to continue DigiLocker' is centered in a smaller, dark font. There are two input fields: 'Username' and 'Password', both with light gray borders and placeholder text. Below the 'Password' field is a blue button with the text 'Sign in' in white. At the bottom, there is a link that says 'Forgot Password' in a smaller, blue font.

Step 3- Once logged in, you can view your dashboard like this. Field Issuer ID is the one you need to use in Issuer ID/ Org ID field

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Dashboard

Uploaded CSVs

Verification Approval

Shared Documents

Issued Documents

Settings

Dashboard

Organization Details

Organization Name :

Address :

Email :

State :

District :

Pin Code :

Phone :

Nodal Officer Details

Name :

Designation :

Mobile :

Email :

Issuer Details

Issuer Id : in.gov.india

Username :

Push Model :

Pull Model :

No. of Issued Documents :

Requestor Details

Fetch from Locker :




Save to Locker :

Verifier :

No. of Requested Documents :

No. of Verified Documents :

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Section 2: How to configure Issuer API settings

1) Push API

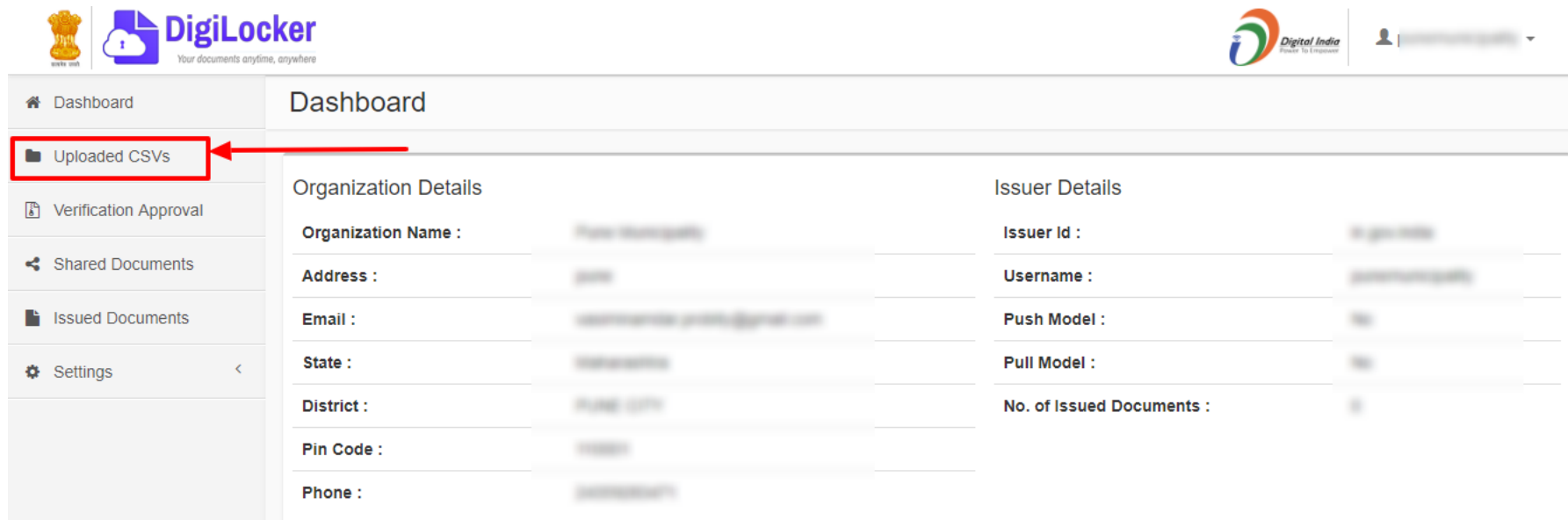
Pre-requirements

- You'd need to have few URIs issued in order to test the developed service
- There are three ways to push URI against Aadhaar
 - Manually upload csv file
 - Directly push single URI through API
 - Upload CSVs through API

Section 2.1: How to manually upload CSV

Step 1- Login to your Partner's portal



Step 2- Click on Uploaded CSV tab on left panel





The screenshot displays the DigiLocker Partner's portal interface. At the top, there are logos for the Government of India, DigiLocker, and Digital India. The left sidebar features a navigation menu with the following items: Dashboard, Uploaded CSVs (highlighted with a red box and an arrow pointing to it), Verification Approval, Shared Documents, Issued Documents, and Settings. The main content area is titled 'Dashboard' and is divided into two columns: 'Organization Details' and 'Issuer Details'.

| Organization Details | | Issuer Details | |
|----------------------|-------------------------|---------------------------|---------------|
| Organization Name : | Praveen Kumar | Issuer Id : | 123456789 |
| Address : | 123456 | Username : | praveen.kumar |
| Email : | praveen.kumar@gmail.com | Push Model : | No |
| State : | Andhra Pradesh | Pull Model : | No |
| District : | Prakasam | No. of Issued Documents : | 0 |
| Pin Code : | 521001 | | |
| Phone : | 9876543210 | | |

Step 3- Click on “Upload Files” button (Browse and select CSV file to be uploaded). Uploaded CSV File will appear on the frame below it

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[Dashboard](#)

[Uploaded CSVs](#)


[Verification Approval](#)

[Shared Documents](#)

[Issued Documents](#)

[Settings](#)

Uploaded CSVs

[Upload files](#)











Uploaded Files: 2

Active: 0

Queued: 0



Invalid: 0


Processed: 2


| Name | Check Sum | Uploaded on | Size | Action |
|---|--|---|-----------|---|
|  17_54_6_779.csv Total Records: 2 |  ... Inserted Records: 1 Updated Records: 0 |  ... | 174 Bytes |   |
|  11_12_37_71.csv Total Records: 2 |  ... Inserted Records: 0 Updated Records: 0 |  ... | 184 Bytes |   |

Step 4- After uploading, click on the process button (1st) in the action column to process the csv uploaded

Step 5- In case of any error, same will be highlighted in the check sum column. Clicking on the 1st action button again will result in list of errors encountered while processing the csv file by clicking on Error section

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[Dashboard](#)
[Uploaded CSVs](#)
[Verification Approval](#)
[Shared Documents](#)
[Issued Documents](#)
[Settings](#)

Tasks Report

[Home](#) > [Task](#) > Task Uploaded

Uploaded File Details

| Name | Size | Uploaded On | Modified On | Processing Status |
|------------------------|-----------|----------------------|----------------------|---------------------|
| BLUUPP_17_54_6_779.csv | 174 Bytes | 25-Apr-2016 23:47:23 | 25-Apr-2016 23:47:23 | Processing Complete |

Success: Total inserted rows : 1

Error: Total not inserted rows : 1




Latest 20 Report data.

Error Report

| SL No.. | Row No. | Error | Uploaded On |
|---------|---------|--|----------------------|
| 1 | 1 | The Aadhaar field must be exactly 12 characters in length. The Doc Type ID field may only contain alphabetical characters. The Document Number field may only contain alpha-numeric characters. The Issued On Date is not valid formate, format shoule be (dd-mm-yyyy) or (dd-mm-yyyy H:i:s) The Valid From Date is not valid formate, format shoule be (dd-mm-yyyy) or (dd-mm-yyyy H:i:s) The Valid To Date is not valid formate, format shoule be (dd-mm-yyyy) or (dd-mm-yyyy H:i:s) The Timestamp Date is not valid formate, format shoule be (dd-mm-yyyy) or (dd-mm-yyyy H:i:s) The Action field can not exceed 1 characters in length. | 25-Apr-2016 23:47:23 |

Total rows in file : 2

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Section 2.2: How to Push URI through API

Pushing single URI through API is similar to uploading csv having one record (format of the request is same as that of csv). Only difference is that the URI is pushed directly to database. The pushed URI is processed instantaneously.

Section 2.3: How to upload CSV through API

This process is similar to one described in the earlier slides. Only thing is that the manual process to upload csv can also be done through API. In case number of csv files is not large, csv can be uploaded manually only.

Points to be noted-

1. To issue doc against Aadhaar, please register on developer's portal (link given in slide above) and then link your Aadhaar by giving successful OTP
2. In doc type category , you can use a common doc type such as INCER (Income Certificate). Please let DigiLocker team know about your doc types required. Team will analyse the list and suggest the suitable doc types. If required, new doc type will be created (but not always)
3. The format of URI should be checked from the API document
4. Correct Org ID should be used in the URIs and elsewhere too.

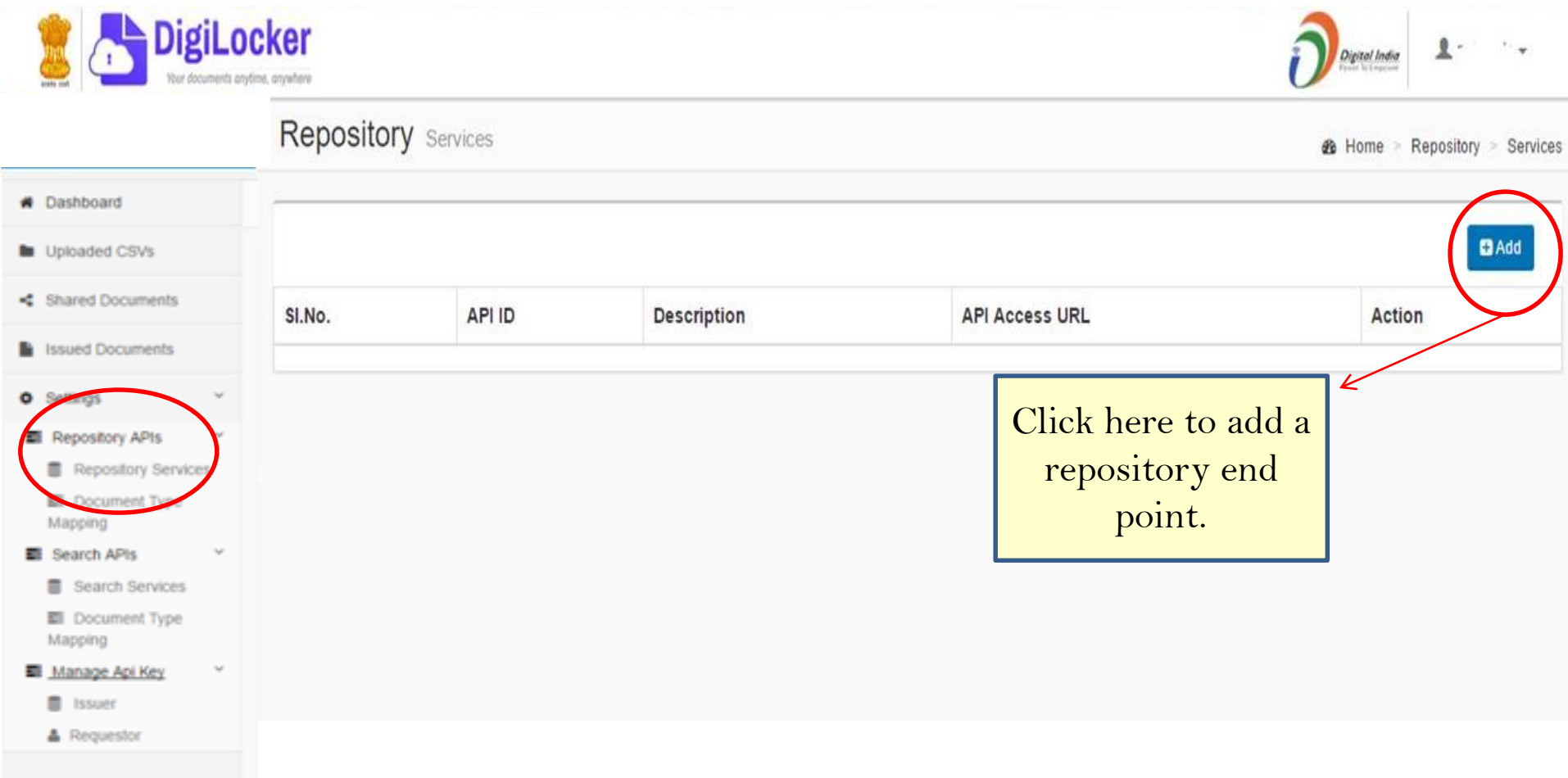
Section 3: Configuring Demo Issuer API end point for Digital Locker

For PUSH Model

Step 1- Access admin portal

Step 2- Click on Settings → Repository APIs → Repository Services on left panel



Step 3- Click on “Add” button





The screenshot displays the DigiLocker admin portal interface. The header includes the DigiLocker logo and the tagline "Your documents anytime, anywhere". The left sidebar contains a navigation menu with the following items: Dashboard, Uploaded CSVs, Shared Documents, Issued Documents, Settings (circled in red), Repository APIs (circled in red), Repository Services (circled in red), Document Type Mapping, Search APIs, Search Services, Document Type Mapping, Manage Api Key, Issuer, and Requestor. The main content area is titled "Repository Services" and features a table with the following columns: SI.No., API ID, Description, API Access URL, and Action. An "Add" button is located in the top right corner of the table, circled in red. A yellow callout box with a blue border points to the "Add" button, containing the text: "Click here to add a repository end point."

| SI.No. | API ID | Description | API Access URL | Action |
|--------|--------|-------------|----------------|---------------------|
| | | | | Add |

Step 4– A form will open having fields as per the screenshot below. Enter values as suggested in the next slide

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Dashboard

Uploaded CSVs

Verification Approval

Shared Documents

Issued Documents

Settings

Repository Services

Add New Repository Service

Repository Id*

Enter Repository Short Code (maximum 5 char)

Repository Description *

Enter Repository Description

Rest API Service URL *

Enter Rest API Service URL

Rest API Method Type *

Post

Content Type*

XML

Request Timeout * (In Sec.)

10

Retry Request * (On Fail.)

2

API Key

Enter API Key (KeyHash)

Enable Metadata

☐ Yes ☐ No

Submit

Repository Configuration Example

Repository Id

CB2015

Repository Description

CBSE 2015 Matric Result

Rest API Service URL

http://demourl.gov.in/api/test

API Method Type

Post

Content Type

XML

Request Timeout * (In Sec.)

10

Retry Request * (On Fail.)

2




API Key (Value to be passed)

AbCdefghIjKLmnOpQRsTUVWxyZ123456789

Enable Metadata

☐ Yes ☒ No

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Provide following values in the Repository specification page –

| Field | Value |
|------------------------------|---|
| Repository Id | Any 5 character id. |
| Repository Desc | Any text desc. |
| Repository API Service URL | REST API Endpoint of Demo Issuer Repository |
| REST API Method/Content Type | POST/XML |
| Request Timeout | Enter Accordingly |
| Retry Request | Enter Accordingly |
| API Key | Optional, but suggested to give some value for security reasons . |
| Enable Metadata | At present, “No” can be selected |

**Note: keyhash field in the “Pull Doc Request API” should be treated as optional and accept blank values e.g. keyhash=“”. But if API key is provided, then hash key is also required*

For PULL Model

Step 1- Access Issuer Portal as per steps in Section 1

Step 2- Click on Settings → Search APIs → Search Services on left panel

Step 3- Click on “Add” button



The screenshot displays the DigiLocker Issuer Portal interface. The header includes the DigiLocker logo and the Digital India logo. The left sidebar contains a menu with the following items: Dashboard, Uploaded CSVs, Shared Documents, Issued Documents, Settings, Repository APIs, Document Type Mapping, Search APIs, Search Services, Document Type Mapping, Manage Api Key, Issuer, and Requestor. The 'Search APIs' and 'Search Services' items are highlighted with a red circle. The main content area shows the 'Repository Services' page. It features a table with the following columns: SI.No., API ID, Description, API Access URL, and Action. An 'Add' button is located in the top right corner of the table, circled in red. A yellow callout box with a red arrow points to the 'Add' button, containing the text: 'Click here to add a repository end point.'

| SI.No. | API ID | Description | API Access URL | Action |
|--------|--------|-------------|----------------|---------------------|
| | | | | Add |


Step 4– Access Issuer Portal as per steps in Section 1


The screenshot displays the 'Add Partner Services' interface in a web browser. The browser's address bar shows the URL: <https://developers.digitallocker.gov.in/public/manager/partnerservices/add>. The page header includes the DigiLocker logo and the tagline 'Your documents anytime, anywhere'. A sidebar on the left contains navigation links: Dashboard, Uploaded CSVs, Shared Documents, Issued Documents, and Settings. The main content area is titled 'Search Services' and is divided into two panels. The left panel, 'Add New', contains fields for 'Search API Id*' (with a hint 'Enter Short Code (maximum 5 char)'), 'Search API Description*', 'Rest API Service URL*', 'Rest API Method Type*' (a dropdown menu showing 'Post'), 'Content Type*' (a dropdown menu showing 'XML'), 'Request Timeout* (In Sec.)' (with value '10'), 'Retry Request* (On Fail.)' (with value '2'), and 'API Key (value to be passed)'. Below these are checkboxes for 'Aadhaar', 'Name', 'DOB', and 'Document Type' (which is checked), and a button 'Add new field' with a plus icon. The right panel, 'Search API Example', shows the same fields filled with example data: 'Search API Id' is 'CB2015', 'Search API Description' is 'CBSE 2015 Matric Result', 'Rest API Service URL' is 'http://demourl.gov.in/api/test', 'Rest API Method Type' is 'Post', 'Content Type' is 'XML', 'Request Timeout' is '10', 'Retry Request' is '2', and 'API Key' is 'AbCdefghIjKlmnOpQRsTUVWxyZ123456789'. At the bottom of this panel, there are three input fields: 'Application No' (containing 'APPNO'), a field with '1234', and a plus icon. A 'Submit' button is located at the bottom of the 'Add New' panel.

Enter values in a similar manner as suggest in the earlier Push model slide. For few extra fields, refer to next slide

Edit Search Services | Stat: X

https://developers.digitallocker.gov.in/public/manager/partnerservices/edit/24

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Dashboard

Uploaded CSVs

Shared Documents

Issued Documents

Settings

Rest API Method Type*
Post



Content Type*
XML

Request Timeout* (In Sec.)
30


Retry Request* (On Fail.)
2

API Key (Value to be passed)
test

☒ Aadhaar ☒ Name ☒ DOB ☒ Document Type


| Sl.No | label | Keyname | Example | Action |
|-------|------------|---------|---------|---|
| 1 | User field | UDF1 | UDF1 |  |
| 2 | USER Field | UDF2 | UDF2 |  |

Add new field +

Enter label Enter key field Enter example 

Submit

About | Statistics | FAQs | Resource Center | | Contact us



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- Any of the four checkboxes can be selected (recommended) based on requirements. These are basically user's eKYC fields and will be un-editable to the user while searching. This will ensure that user can pull only his/her doc
- By clicking on Add new field, other search parameters can be entered – Label is field caption, keynote is attribute label, and example is placeholder. Also please note that all the fields created will be mandatory to enter


Section 4: Common settings

The Repository configuration will look as shown in the picture below


Step 1- Click on Key Mapping button as shown below



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Repository Services

Home > Repository > Services

Dashboard

Uploaded CSVs

Shared Documents

Issued Documents

Settings

Repository APIs

Repository Services

Document Type Mapping

Search APIs

Search Services

Document Type Mapping

Manage Api Key

Issuer

Requestor

Add

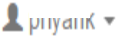
| Sl.No. | API ID | Description | API Access URL | Action |
|--------|--------|-------------|----------------------------|---|
| 1 | qwewe | test | https://123.123.23.13/test | <div><div></div><div></div><div></div><div></div></div> |

Step 2- Provide following values

Mime Type = mime

Base64 String = docContent

URI=URI (only in case of Pull API)



Repository Services

[Home](#) > [Repository](#) > [Services](#) > [Key Mappings](#)

Service Response Key mapping

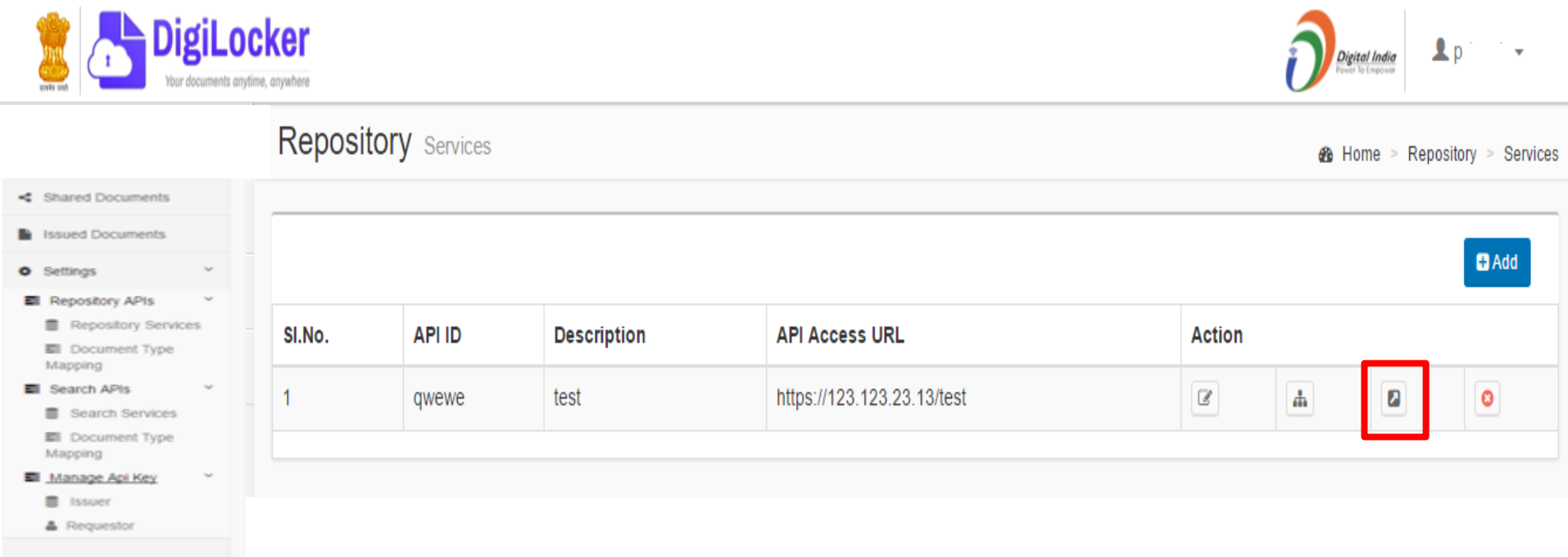
Mime Type (Assigned Keyname)*

Base64 String (Assigned keyname)*




Submit

Section 5: Testing the API

Step 1- Test the API Service by clicking on the Test button



The screenshot displays the DigiLocker interface. At the top, there are logos for the Government of India, DigiLocker, and Digital India. The main heading is "Repository Services". On the left, a sidebar menu lists various options including "Shared Documents", "Issued Documents", "Settings", "Repository APIs", "Search APIs", and "Manage Api Key". The "Repository APIs" section is expanded, showing "Repository Services", "Document Type Mapping", "Search Services", "Document Type Mapping", and "Manage Api Key". The "Repository Services" section is further expanded, showing "Issuer" and "Requestor". The main content area shows a table with the following data:

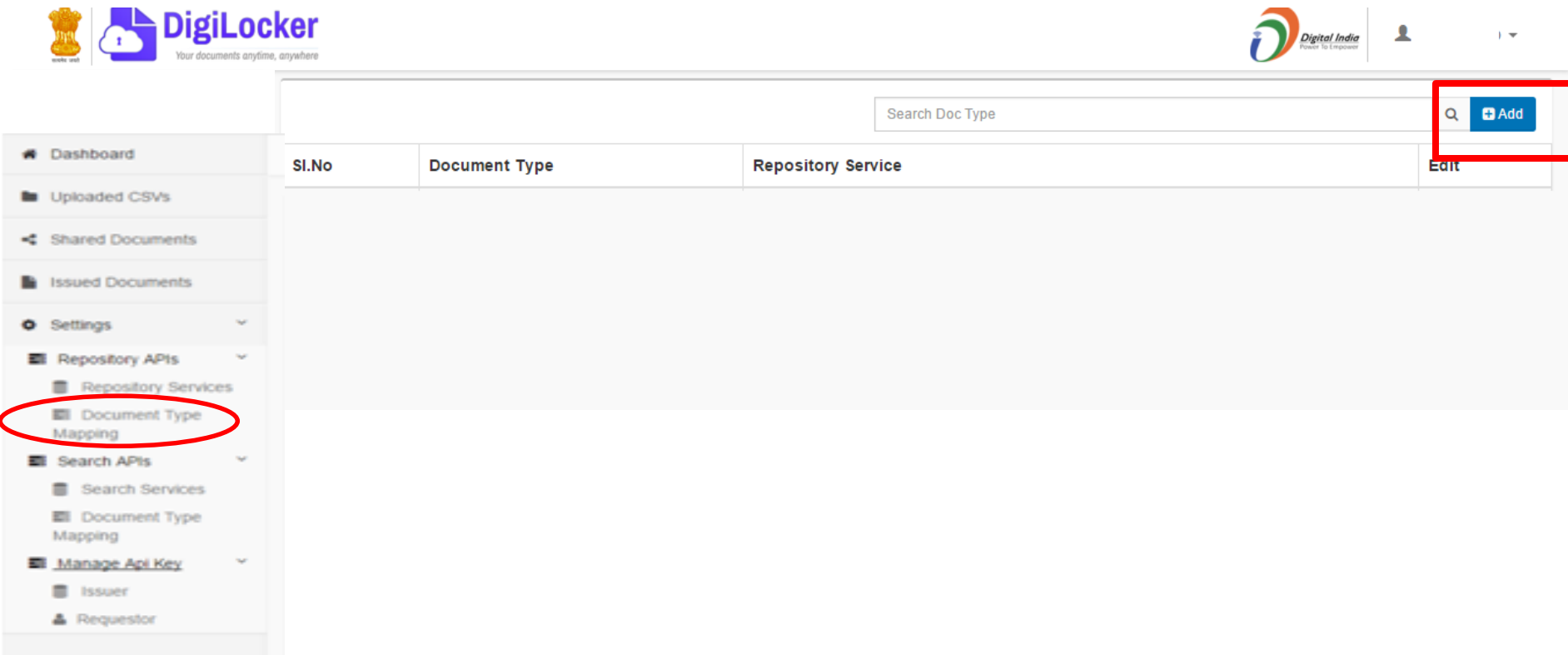
| Sl.No. | API ID | Description | API Access URL | Action |
|--------|--------|-------------|----------------------------|---|
| 1 | qwewe | test | https://123.123.23.13/test |     |

The "Test" button (represented by a document icon with a checkmark) is highlighted with a red box.

Step 2- In case of Push API, enter the URI and test the service. In case of Pull model, enter the search parameters and then check the result. Along with that test the URI fetching also as in case of Push API. It is highlighted that in case of Pull API, access of document by searching and by entering URI both have to be tested. Search is meant only for first time and next time onwards it'd be URI based access only

Step 3- Once the API is tested successfully (tabs become green), click on the publish button shown next to the test button. Once published, services can only be Activated/De-activated by you. For unpublishing, please contact the DigiLocker team

Step 4- Once the service is published, Add a Document Type mapping by clicking on “Document Services” link under “Settings” on the left pane. Then click the “Add” button on the “Document Services” page.



The screenshot displays the DigiLocker web application interface. At the top, the header includes the Government of India logo, the DigiLocker logo with the tagline "Your documents anytime, anywhere", the Digital India logo with the tagline "Power To Empower", and a user profile icon. On the left side, there is a sidebar menu with the following items: Dashboard, Uploaded CSVs, Shared Documents, Issued Documents, Settings (expanded), Repository APIs, Repository Services, Document Type Mapping (highlighted with a red circle), Search APIs, Search Services, Document Type Mapping, Manage Api Key, Issuer, and Requestor. The main content area features a search bar labeled "Search Doc Type" and a blue "Add" button with a plus icon, both highlighted with a red rectangle. Below the search bar is a table with the following structure:

| Sl.No | Document Type | Repository Service | Edit |
|-------|---------------|--------------------|------|
|-------|---------------|--------------------|------|

Step 5- Select the requisite Document Type and service (which is published). Also, note that there is no need to create different services for all the doc types and only one is sufficient for all. In shot, there can be one to many mapping between API service and doc types created but not the other way around.

The screenshot shows a web browser window with the address bar displaying <https://developers.digitallocker.gov.in/public/manager/doctyperepomapping/add>. The page header includes the DigiLocker logo and the tagline "Your documents anytime, anywhere", along with the Digital India logo and a user profile for "ajit". A left sidebar contains navigation links: Dashboard, Uploaded CSVs, Shared Documents, Issued Documents, and Settings. The main content area is titled "Add Doctype Repository Mapping" and contains a form with the following elements:

- Document Type ***: A dropdown menu with the placeholder text "--- Document Type ---".
- Repository Service ***: A dropdown menu with the placeholder text "--- Repository Service ---".
- ☐ Allow this document type to be associated with multiple Aadhaars
- Submit**: A blue button.

Thank You