Auth demo UI - Certificate exchange with partners

ID-Auth demo application setup guide

Part -1 To configure and build the partner management tool

Step 1:

Download the zip file of the Partner-management tool using the link given below
note: download the appropriate branch needed(Here used is 1.2.0).

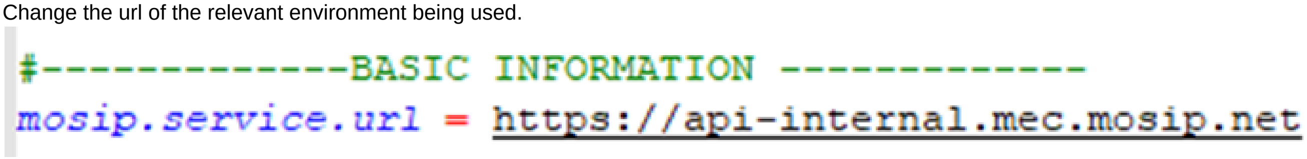
https://github.com/mosip/gist/tree/1.2.0

Step 2:

Unzip and through the path *gist-1.2.0\partnermanagement\src\main\resources*

open the application.properties and do the below mentioned changes.

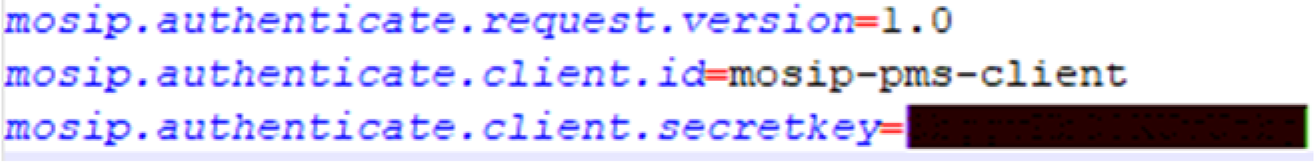
1. Change the url of the relevant environment being used.



```
#--------------BASIC INFORMATION -------------
mosip.service.url = https://api-internal.mec.mosip.net
```

2. Update the key of the ***mosip-pms-client*** at the place of ***mosip.authenticate.client.secretkey***.

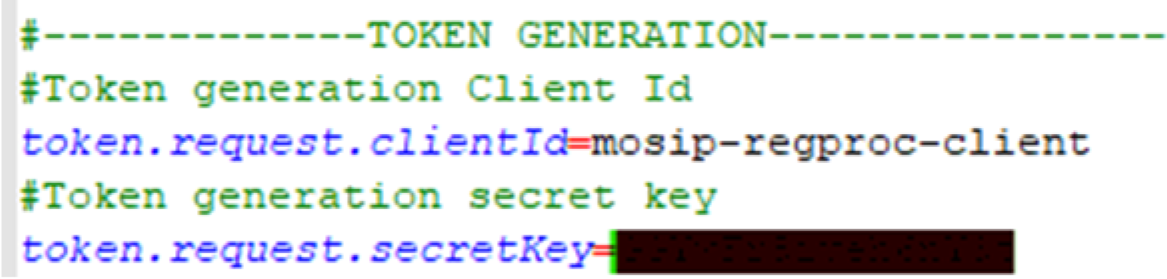
refer below.



```
mosip.authenticate.request.version=1.0
mosip.authenticate.client.id=mosip-pms-client
mosip.authenticate.client.secretkey=[redacted]
```

3. Update the key of the ***mosip-reproc-client*** at the place of ***token.request.secretKey***.

reference below.

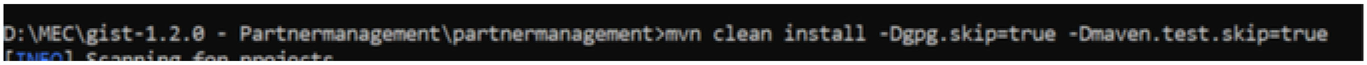


```
#-------------TOKEN GENERATION----------------
#Token generation Client Id
token.request.clientId=mosip-regproc-client
#Token generation secret key
token.request.secretKey=[redacted]
```

4. Save the property file.

5. Now Build the tool using the command given below and refer the picture for the build path.

> ***mvn clean install -Dgpg.skip=true -Dmaven.test.skip=true***

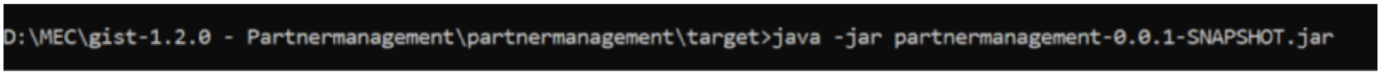


```
D:\MEC\gist-1.2.0 - Partnermanagement\partnermanagement>mvn clean install -Dgpg.skip=true -Dmaven.test.skip=true
[INFO] Scanning for projects
```

6. After the successful build, A target folder is been generated.

Now run the jar using the command given below and refer the picture for the path.

java -jar partnermanagement-0.0.1-SNAPSHOT.jar



```
D:\MEC\gist-1.2.0 - Partnermanagement\partnermanagement\target>java -jar partnermanagement-0.0.1-SNAPSHOT.jar
```

7. By running the jar, the below swagger url will be accessible to create the partner.

http://localhost:9091/v1/partnermanager/swagger-ui.html

Note: Keep the jar file running so that the swagger link be accessible.

Part-2 To Create Authentication and misp partner user in keycloak

Step 1:

Login to the keycloak --> users --> add users-->fill in the details and save.

Create two users one is for auth partner and other is for misp partner.

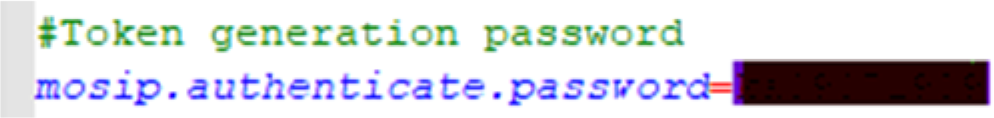
Username example – 1. For auth partner - mpartner-auth-003 and

2. For misp partner - mpartner-misp-003.

Step 2:

Set the password in the credentials option.
Note : Copy the password from the application.properties of the Partner management tool

and use here.



```
#Token generation password
mosip.authenticate.password=[redacted]
```

Step 3:

For the created user assign the roles in the role mapping option as below.

- For the auth partner user, map the role – **AUTH_PARTNER** from the available roles.
- For the misp partner user, map the role – **MISP_PARTNER** from the available roles.

Part-3 To create policy group and auth policy

Step 1:

Create another user or use existing user and map the following roles :-

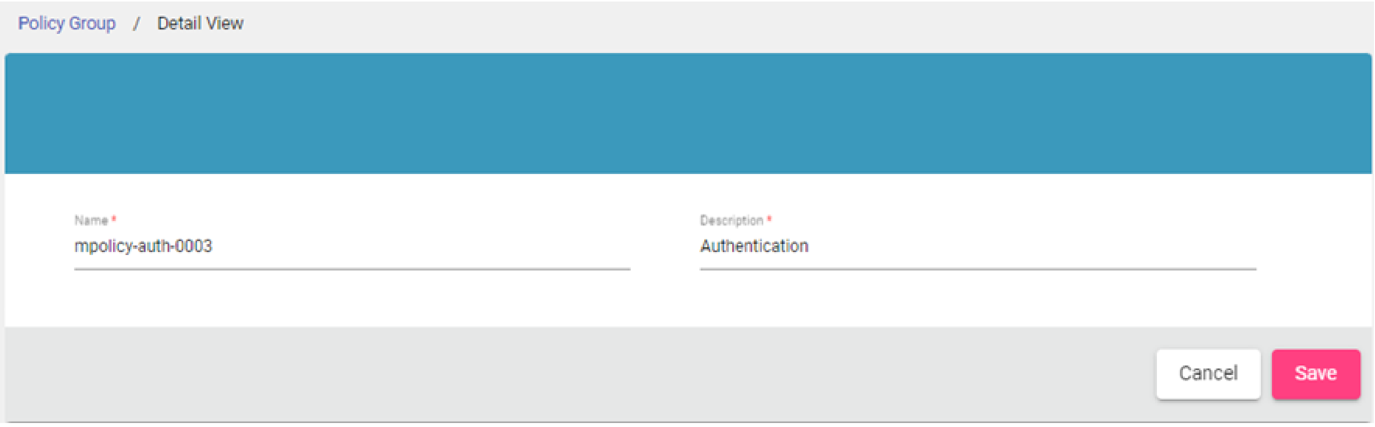
PARTNER_ADMIN, **PMS_ADMIN** And **POLICYMANAGER** , with this user Login to the partner management Portal.

step 2:

Create policy group by clicking --> policy--> policy group--> create policy group.

Enter the policy group name , description and save.

Reference picture below.



Name *
mpolicy-auth-0003

Description *
Authentication

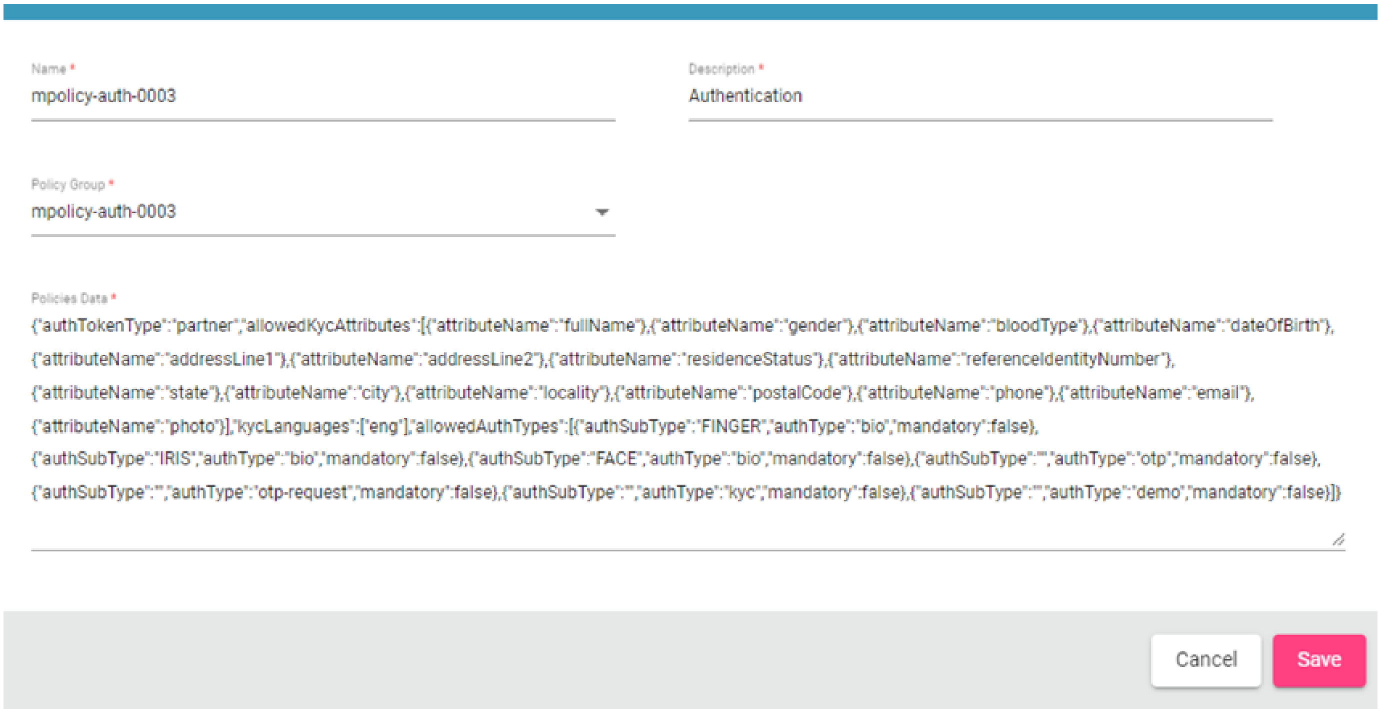
Step 3:

To create auth policy--> click auth policy -->create auth policy-->

Enter the name and description--> select the policy group which is been created lately.

Add the policies data, given below --> save and Activate. Refer the picture below.

{"authTokenType":"partner","allowedKycAttributes":[{"attributeName":"fullName"},{"attributeName":"gender"},{"attributeName":"bloodType"},{"attributeName":"dateOfBirth"},{"attributeName":"addressLine1"},{"attributeName":"addressLine2"},{"attributeName":"residenceStatus"},{"attributeName":"referenceIdentityNumber"},{"attributeName":"state"},{"attributeName":"city"},{"attributeName":"locality"},{"attributeName":"postalCode"},{"attributeName":"phone"},{"attributeName":"email"},{"attributeName":"photo"}],"kycLanguages":["eng"],"allowedAuthTypes":[{"authSubType":"FINGER","authType":"bio","mandatory":false},{"authSubType":"IRIS","authType":"bio","mandatory":false},{"authSubType":"FACE","authType":"bio","mandatory":false},{"authSubType":"","authType":"otp","mandatory":false},{"authSubType":"","authType":"otp-request","mandatory":false},{"authSubType":"","authType":"kyc","mandatory":false},{"authSubType":"","authType":"demo","mandatory":false}]}



Name *
mpolicy-auth-0003

Description *
Authentication

Policy Group *
mpolicy-auth-0003

Policies Data *
{"authTokenType":"partner","allowedKycAttributes":[{"attributeName":"fullName"},{"attributeName":"gender"},{"attributeName":"bloodType"},{"attributeName":"dateOfBirth"},{"attributeName":"addressLine1"},{"attributeName":"addressLine2"},{"attributeName":"residenceStatus"},{"attributeName":"referenceIdentityNumber"},{"attributeName":"state"},{"attributeName":"city"},{"attributeName":"locality"},{"attributeName":"postalCode"},{"attributeName":"phone"},{"attributeName":"email"},{"attributeName":"photo"}],"kycLanguages":["eng"],"allowedAuthTypes":[{"authSubType":"FINGER","authType":"bio","mandatory":false},{"authSubType":"IRIS","authType":"bio","mandatory":false},{"authSubType":"FACE","authType":"bio","mandatory":false},{"authSubType":"","authType":"otp","mandatory":false},{"authSubType":"","authType":"otp-request","mandatory":false},{"authSubType":"","authType":"kyc","mandatory":false},{"authSubType":"","authType":"demo","mandatory":false}]}

Part-4 To Register AUTH and MISP partner

Step 1:

To Register auth partner, Use the swagger (refer part 1-- > step 7)-->

configure partner/create partner try it out--> copy and paste the below given body

and execute.

Note: Edit the partner id, organization name, policy group and policy name as same as

You’ve created. Refer below.

```
{
"environmentVersion": "LTS",
"partnerModel": {
"partnerAddress": "Aurangabad",
"partnerContactNumber": "9999999999",
"partnerEmailId": "ganesh.taru1@infystrat.com",
"partnerId": "mpartner-auth-0003",
"partnerOrganizationName": "mpartner-auth-0003",
"partnerType": "AUTH",
"policyGroup": "mpolicy-auth-0003"},
“policyName": "mpolicy-auth-0003"
}
```

Step 2 :

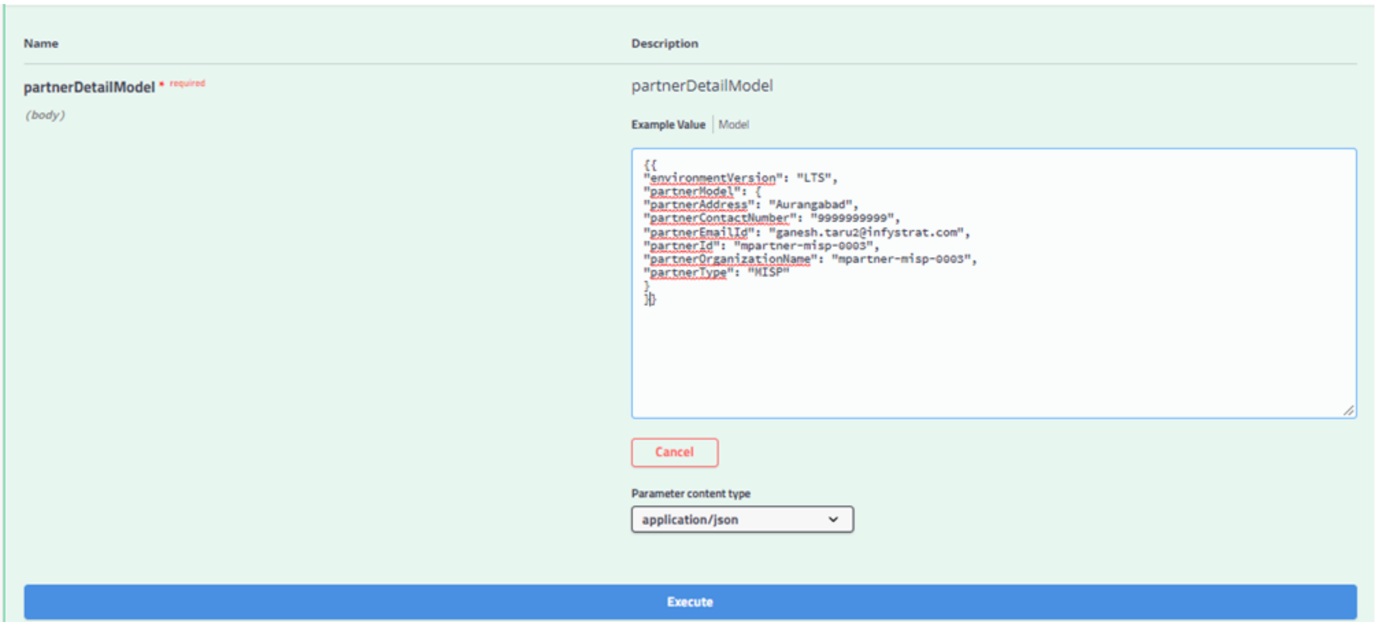
From the response, copy the ***partnerApiKey*** value for the upcoming use.

Step 3 :

To Register misp partner, Use the same swagger --> configure partner/create partner --> try it out-->copy and paste the below given body and execute.

Note: Edit the partner id, partner organization name, as same as you’ve created. Ref below.

```
{
"environmentVersion": "LTS",
"partnerModel": {
"partnerAddress": "Aurangabad",
"partnerContactNumber": "9999999999",
"partnerEmailId": "ganesh.taru2@infystrat.com",
"partnerId": "mpartner-misp-0003",
"partnerOrganizationName": "mpartner-misp-0003",
"partnerType": "MISP" }
```



```
{{
"environmentVersion": "LTS",
"partnerModel": {
"partnerAddress": "Aurangabad",
"partnerContactNumber": "9999999999",
"partnerEmailId": "ganesh.taru2@infystrat.com",
"partnerId": "mpartner-misp-0003",
"partnerOrganizationName": "mpartner-misp-0003",
"partnerType": "MISP"
}
}}
```

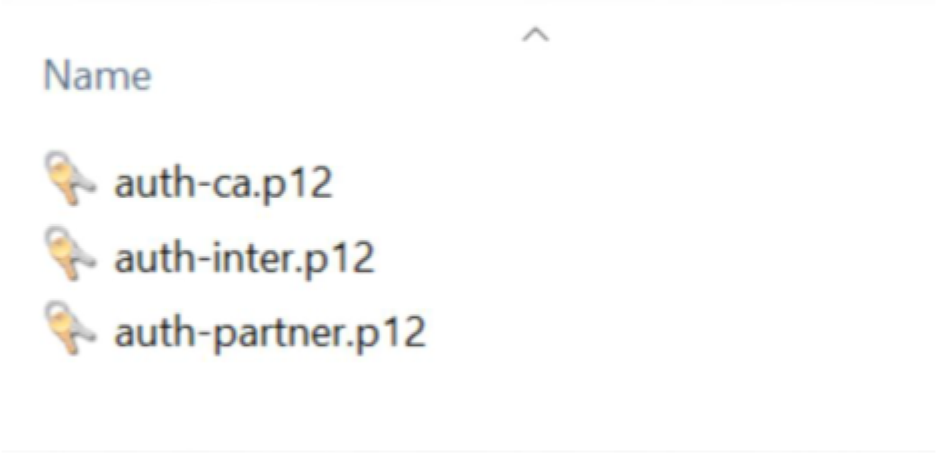
Step 4 :

From the response copy the ***partnerMispLicenseKey*** value for the upcoming use.

Step 5 :

After the partner creation, **.p12** file will be generated inside the temp folder. Find the temp folder in the below mentioned path.

C:\Users\hp\AppData\Local\Temp\IDA-localhost\mpartner-auth-0003 (Or Use windows + R and search %temp%)



auth-ca.p12
auth-inter.p12
auth-partner.p12

Copy the certificates created and rename them as same as your partner id.

Step 6 :

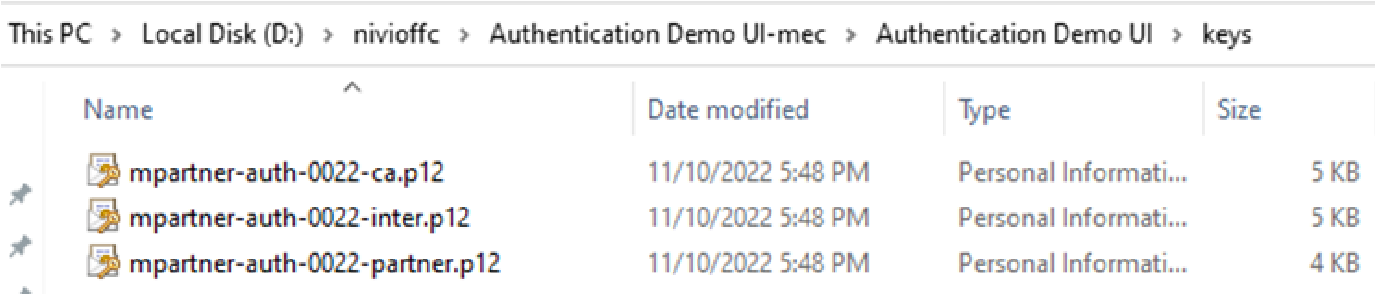
Download the Id- Authentication demo application UI from the below given link.

Note: the download from the relevant branch needed.

https://github.com/mosip/authentication-demo-ui/tree/release-1.2.0/authentication-demo-

Step 7 :

Now place the renamed certificates into the keys folder of the Authentication-demo-UI. Refer below.



This PC > Local Disk (D:) > nivioffc > Authentication Demo UI-mec > Authentication Demo UI > keys

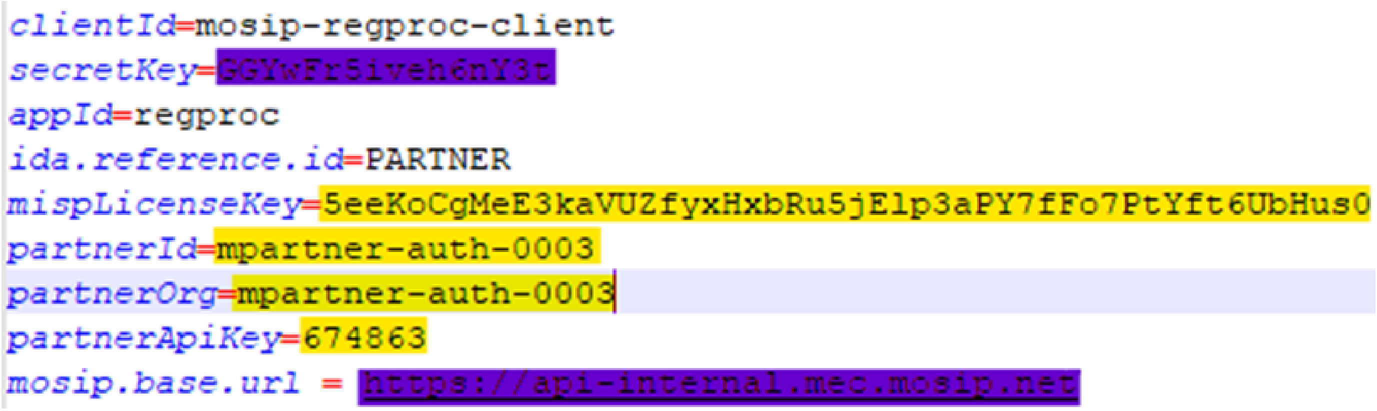
Name	Date modified	Type	Size
mpartner-auth-0022-ca.p12	11/10/2022 5:48 PM	Personal Informati...	5 KB
mpartner-auth-0022-inter.p12	11/10/2022 5:48 PM	Personal Informati...	5 KB
mpartner-auth-0022-partner.p12	11/10/2022 5:48 PM	Personal Informati...	4 KB

Step 8 :

In the application.properties of the Authentication-demo-UI edit the following fields and save the file.

- Paste the ***partnerApiKey*** and ***partnerMispLicenseKey*** which was generated while creating partner.
- Add the mosip-regproc-client secret key.
- Change the partner id and organization name.
- Edit the environment url.

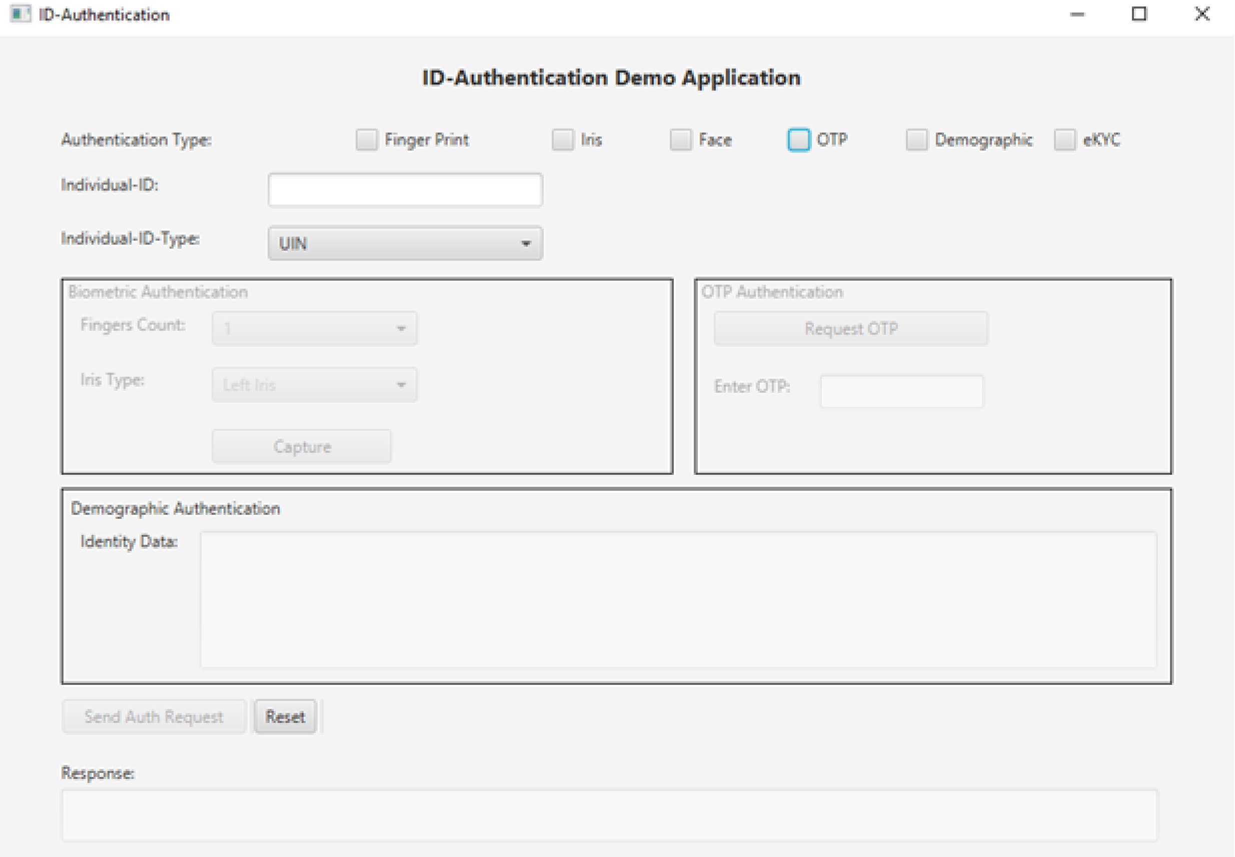
Reference picture below.



```
clientId=mosip-regproc-client
secretKey=[redacted]
appId=regproc
ida.reference.id=PARTNER
mispLicenseKey=5eeKoCgMeE3kaVUZfyxHxbRu5jElp3aPY7fFo7PtYft6UbHus0
partnerId=mpartner-auth-0003
partnerOrg=mpartner-auth-0003
partnerApiKey=674863
mosip.base.url = [redacted]
```

Step 9 :

Run the ***ID-Authentication-Demo-UI.bat*** .



Individual-ID-Type: UIN

Fingers Count: 1

Iris Type: Left Iris

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