

# Banca Mediolanum Sandbox - TPP Onboarding Procedure

Version 1.0

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## 1 Document History

Version	Change/Note	Data
1.0	First version.	13/08/2019

## 2 TPP Onboarding Sandbox

These are the steps to be followed by the TPP to subscribe to the API Portal and to be enabled to use the APIs in Sandbox:

1. Click the Sign Up button displayed:

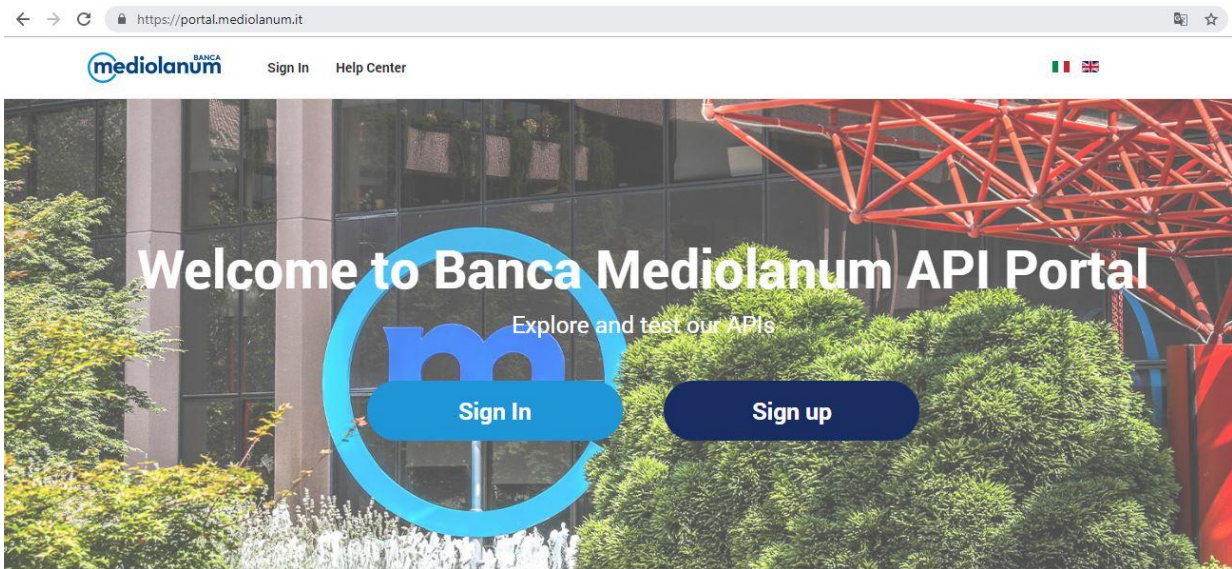


Figure 1

2. The TPP must fill the form with the required data:

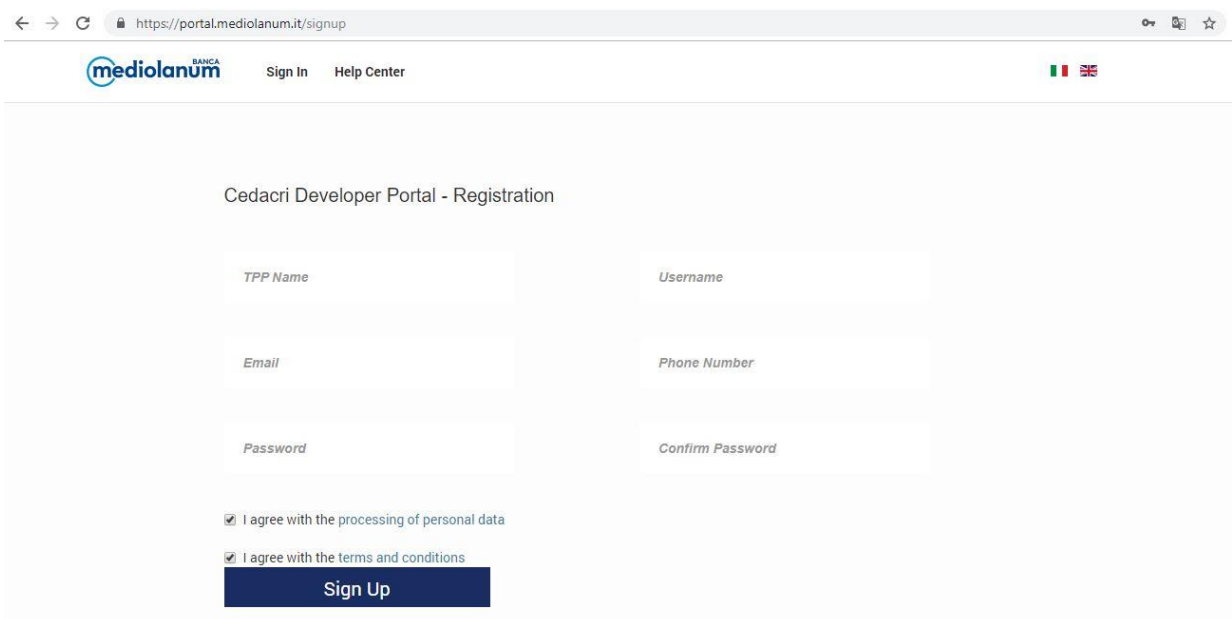


Figure 2

## Banca Mediolanum Sandbox - TPP Onboarding Procedure

The following fields are mandatory:

- TPP Name (Company name)
- Username
- Email
- Phone Number
- Password
- Agreement of terms and conditions and processing of personal data.

The request will then be processed and if everything is valid a portal administrator will be promptly notified. The user will then be redirected to the Portal's Home Page.

3. Shortly after the TPP will receive a confirmation email at the email address specified in the step 2. The user needs to click to the "Activate" link to proceed with the activation request. The following page will be displayed:

### Activate Registration API PSD2

Dear user, Thank you for registering. Confirm your address at the link below to proceed with the activation request. [Activate](#)

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Figure 3

4. The portal administrator will then contact the user by email, requesting additional information to successfully validate the onboarding request.
5. After evaluating the information provided by the TPP in response to step 4, the portal administrator will enable TPP's application user authorizations. The TPP will receive an e-mail message containing the credentials necessary to access the API Portal, i.e. the user name:

## User Credential API PSD2

Dear user,  
your Banca Mediolanum Api Portal login credentials are:

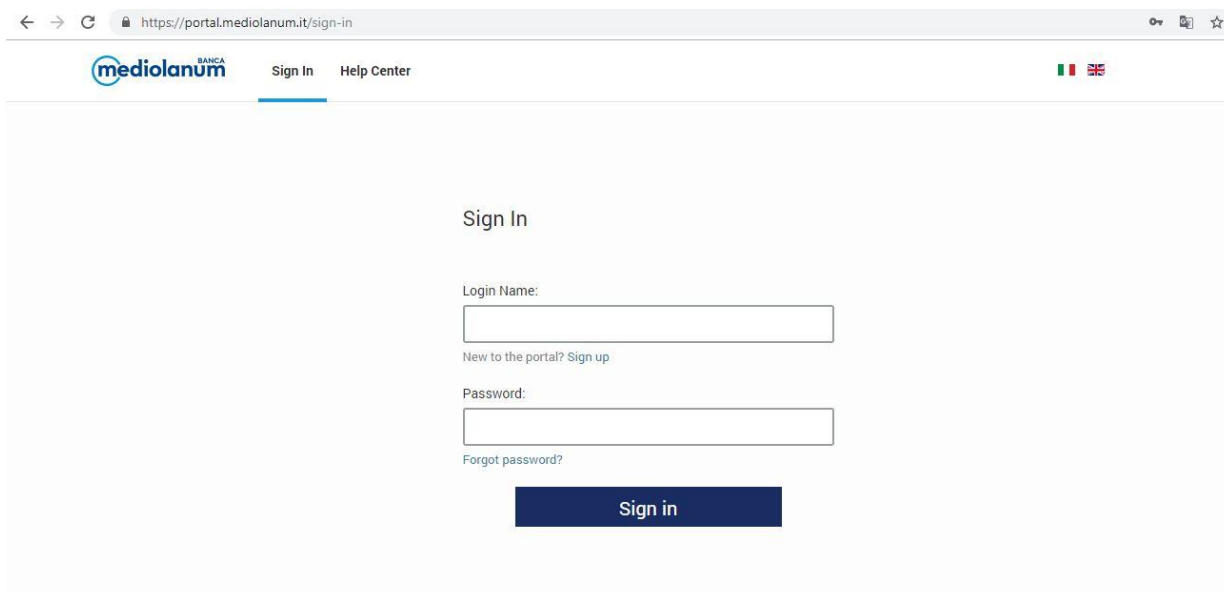
username: "tppusername"

### [Api Portal Banca Mediolanum](#)

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Figure 4

- The user will be able to log in by clicking "Sign in" on the Portal's Home Page, after filling in the form with username e password:

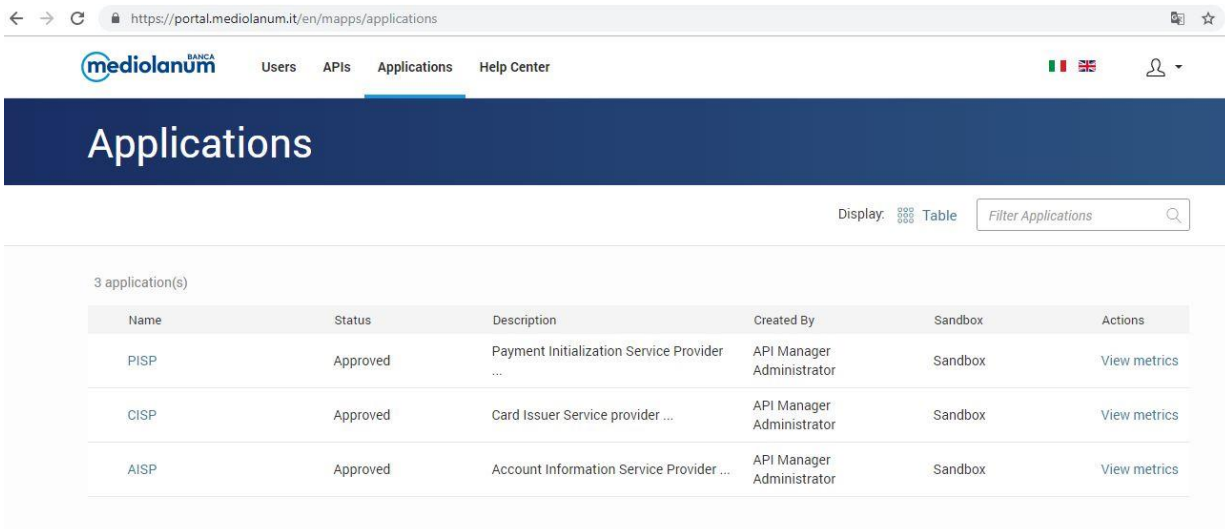


The screenshot shows a web browser window with the URL <https://portal.mediolanum.it/sign-in>. The page features the Banca Mediolanum logo and navigation links for "Sign In" and "Help Center". The main content area is titled "Sign In" and contains a login form with the following elements:

- Label: "Login Name:"
- Input field for the login name.
- Text: "New to the portal? Sign up"
- Label: "Password:"
- Input field for the password.
- Text: "Forgot password?"
- A dark blue "Sign in" button.

Figure 5

- The TPP will then be redirected on the Portal's page, containing a list of applications that can be used in Sandbox to test the APIs:



3 application(s)

Name	Status	Description	Created By	Sandbox	Actions
PISP	Approved	Payment Initialization Service Provider ...	API Manager Administrator	Sandbox	<a href="#">View metrics</a>
CISP	Approved	Card Issuer Service provider ...	API Manager Administrator	Sandbox	<a href="#">View metrics</a>
AISP	Approved	Account Information Service Provider ...	API Manager Administrator	Sandbox	<a href="#">View metrics</a>

Figure 6

## 3 Obtaining Oauth2.0 Credentials

In order to obtain client id and client secret needed to connect to the Sandbox APIs the TPP must:

1. Login to Banca Mediolanum API Portal
2. Go to Application page
3. Choose the desired application (AISP, PISP, CISP)
4. Click "Edit Applications"
5. Click "Authentication" tab
6. Expand "OAuth Credentials" panel
7. Click "Generate"
8. A modal will be shown (fig. 7) where the user must fill the required data:
  - a. Application type: it can be confidential or public. If the TPP chooses a confidential type, it is mandatory on the request for an OAuth token as specified in the document "Banca Mediolanum NextGenPSD2 XS2A Framework Implementation" (chapter 8.1, step 5).
  - b. Redirect payment link: url of the TPP on which the browser of the PSU will be redirected after the conclusion of a payment process.
  - c. Cancel link: link where the user is redirected if the authentication step, described in the document "Banca Mediolanum NextGenPSD2 XS2A Framework Implementation" (chapter 8.1, step 1), is canceled by the user.
  - d. Payment cancel link: link where the user is redirected if he exits the payment initiation authentication process, as described in the document

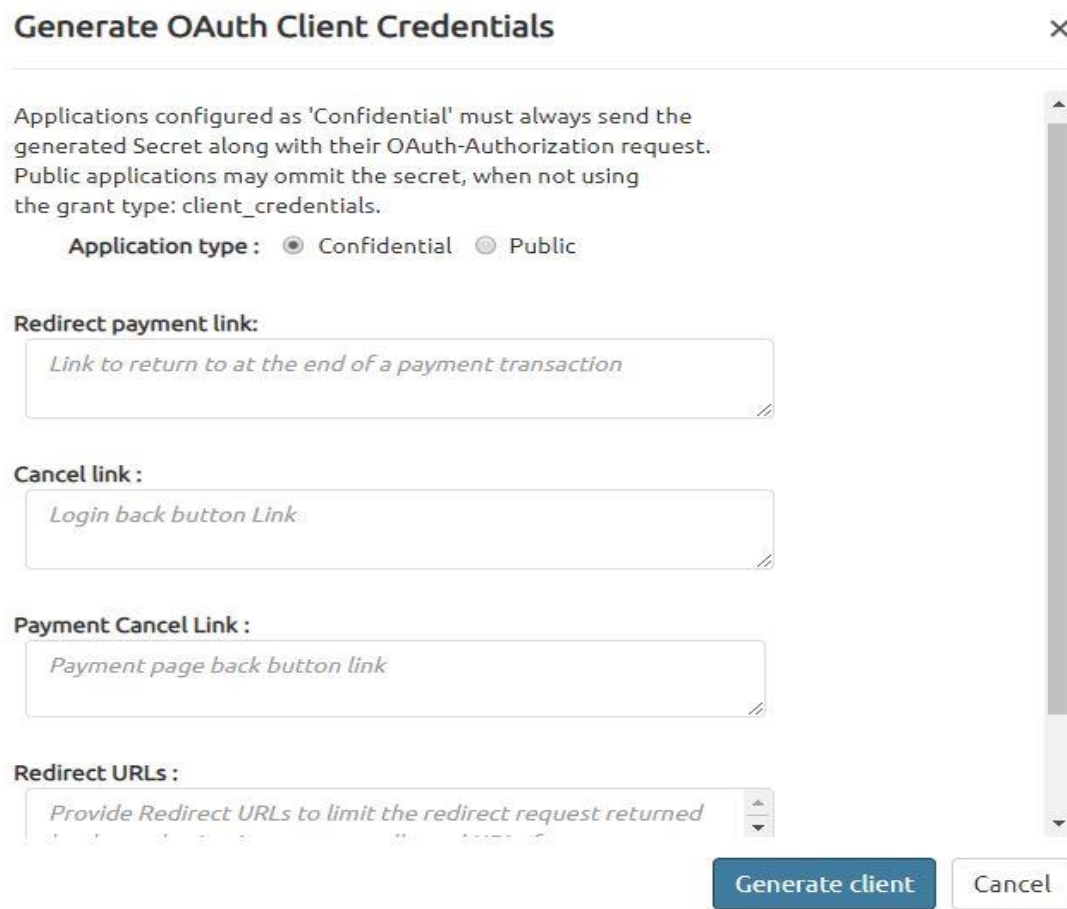
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“Banca Mediolanum NextGenPSD2 XS2A Framework Implementation” (chapter 10.1, request body).

- e. **Redirect uri**: The location where the authorization code will be sent. It is not possible to insert two or more redirects uri because it is unique for each client-id.

9. Click Generate client

10. To view Client secret click “View Secret”



**Generate OAuth Client Credentials** [Close]

Applications configured as 'Confidential' must always send the generated Secret along with their OAuth-Authorization request. Public applications may omit the secret, when not using the grant type: client\_credentials.

Application type :  Confidential  Public

**Redirect payment link:**

**Cancel link :**

**Payment Cancel Link :**

**Redirect URLs :**

[Generate client] [Cancel]

Figure 7

Below the OAuth2.0 Credentials after the creation of a client id:

▼ OAuth Credentials					
Client ID	Type	Javascript Origins	Redirect URLs	Created	Actions
aa6b95ec-0d5d-4753-b2a0-90b63fb86bce	Confidential		https://www.google.com	20 Jun 2019, 13:02 GMT	View secret
e5907f27-2c56-435e-adcd-a0f7e430167b	Confidential		https://www.google.com	20 Jun 2019, 13:03 GMT	View secret