**TPP Testing Guide**

**PISP (Payment Initiation Service Providers)**

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# ENVIRONMENT VARIABLES

The following environment variables must be set in the beginning:

**Host** – IP of the host with the port number

**clientIdPay** – specific to TPP (this is a generated ID inside OBDX when a new client – TPP – is registered by the bank)

**clientPassPay** – specific to TPP (this is a generated password inside OBDX when a new client – TPP – is registered by the bank)

**redirect\_uri** – the TPP where the Oracle Banking API should respond the information from the application itself

**paymentsScope** – set it as ‘payments’

**apiKey** – must be sent on all requests, obtained in https://portal.cabel.it/admin/app/api-explorer

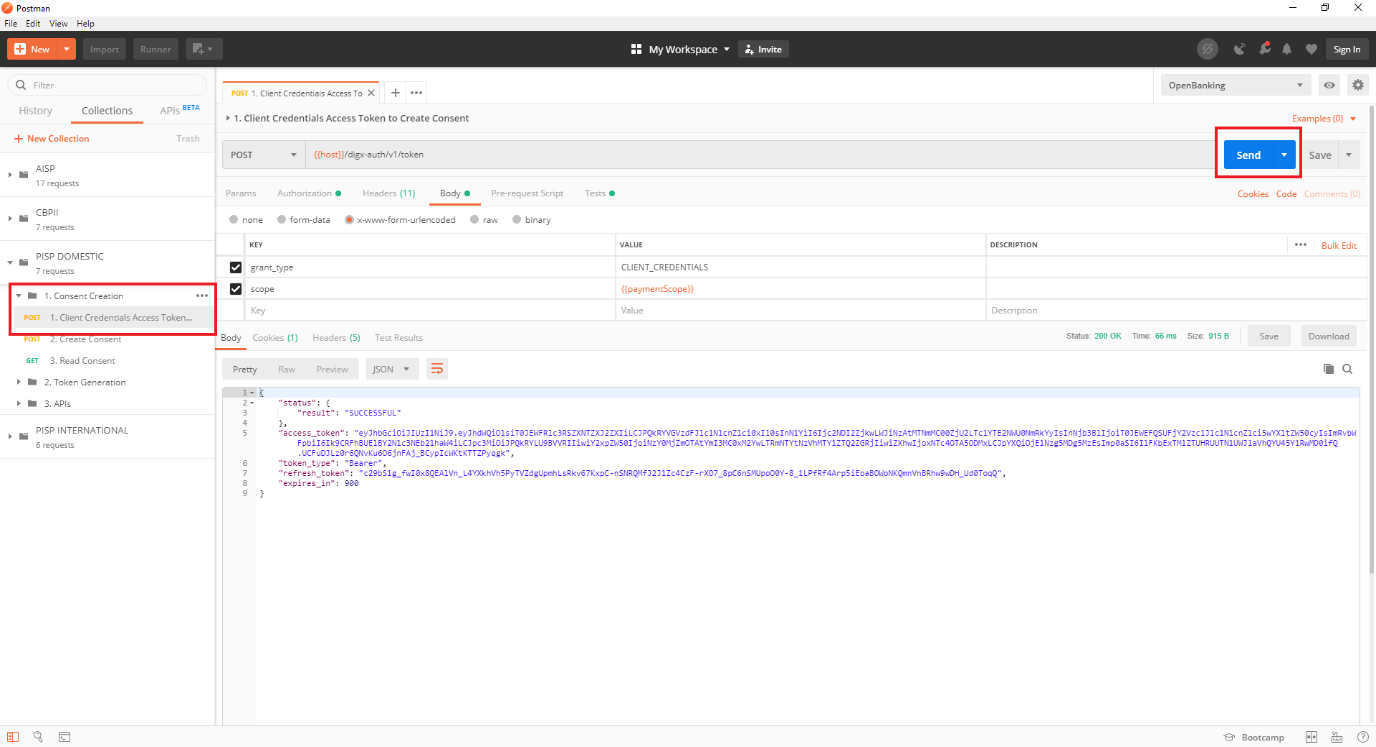
# COOKIES

In every step we must be sure that all the **cookies** have been **deleted**.

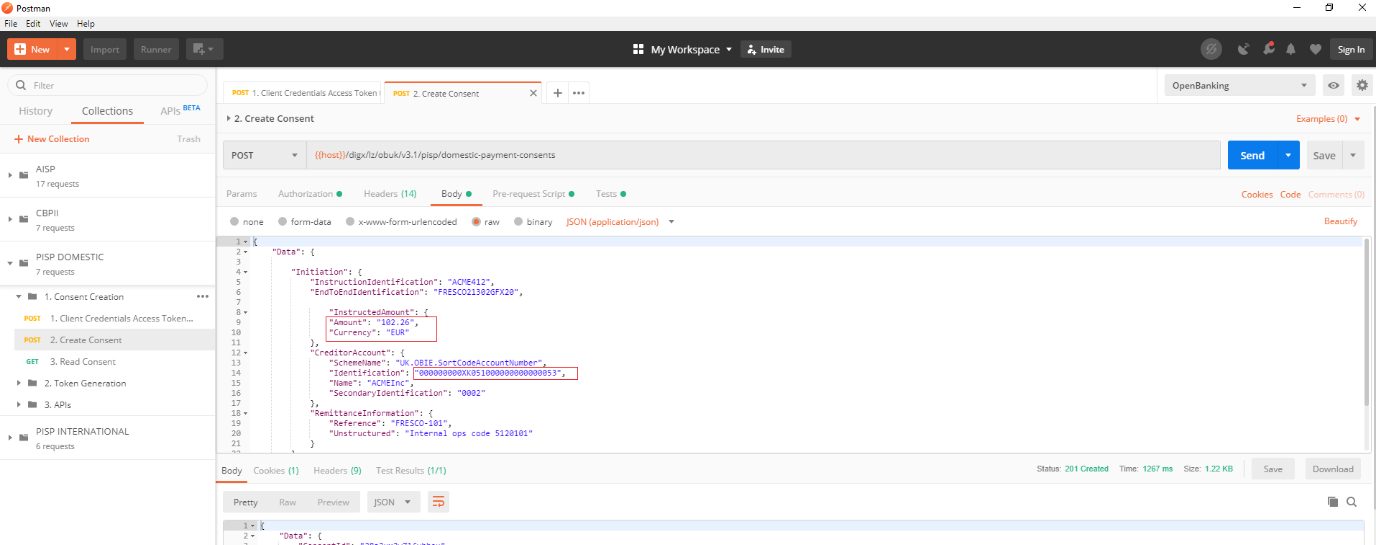
# PISP DOMESTIC PAYMENT APIs

## CONSENT CREATION

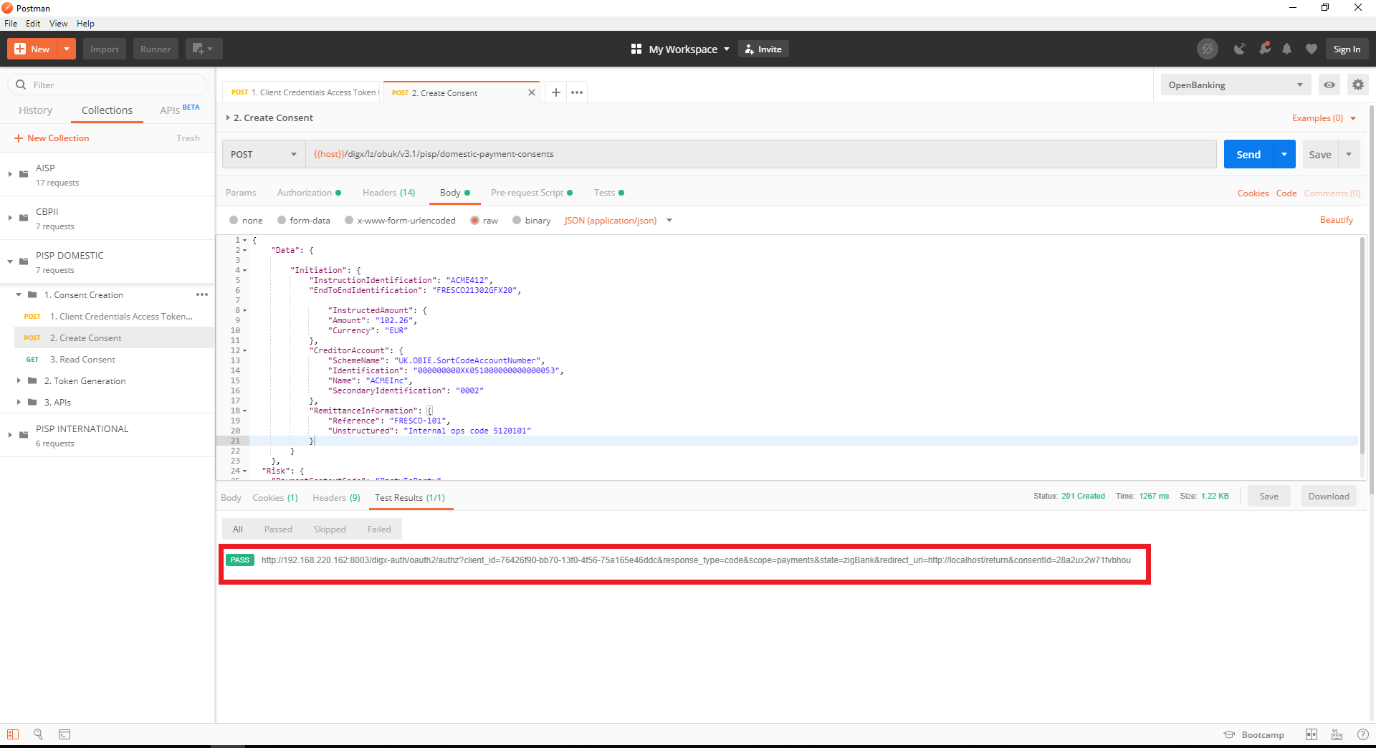
1. **Client Credentials Access Token to Create Consent**
2. Username is the clientIdPay and the Password is the clientPassPay earlier specified in the collection’s environment.
3. Click on Send.
4. This is the response provided. Inside there is an access token which will be later used for the call of Consent permission.



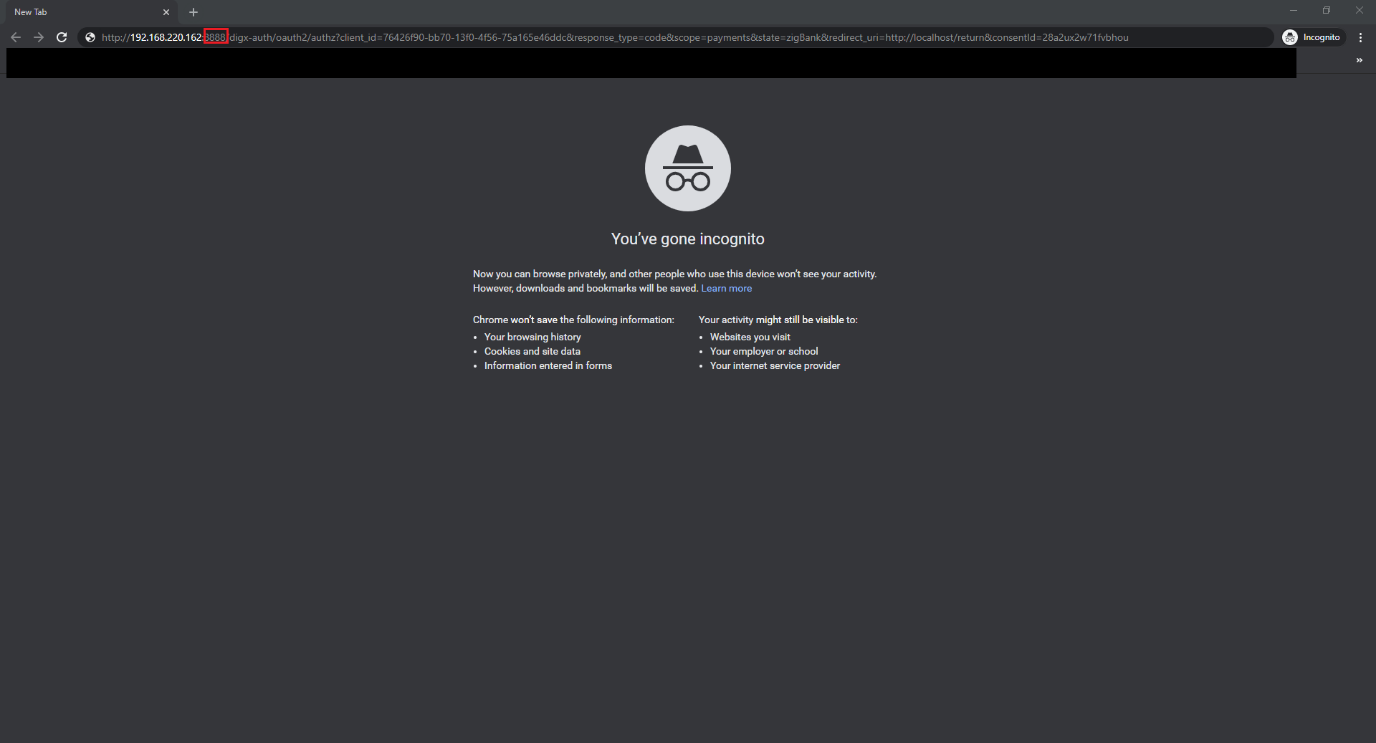
1. **Create Consent**
2. Under ‘Body->raw’, **always** set the ExpirationDateTime in the **future**.
3. The InstructedAmount/Amount is the amount that will be transferred to the Beneficiary (Crediting Amount)
4. The InstructedAmount/Currency is the currency to which the Beneficiary will receive the amount (Crediting Currency)
5. The CreditorAccount/Identification is the Beneficiary account (Creditor Account in the SWIFT format). The beneficiary account number should be preceded by 9 zeros.
6. The data in the ‘Body’ part must remain the same even in the Payment Creation(APIs/Payments Creation).
7. Click Send.



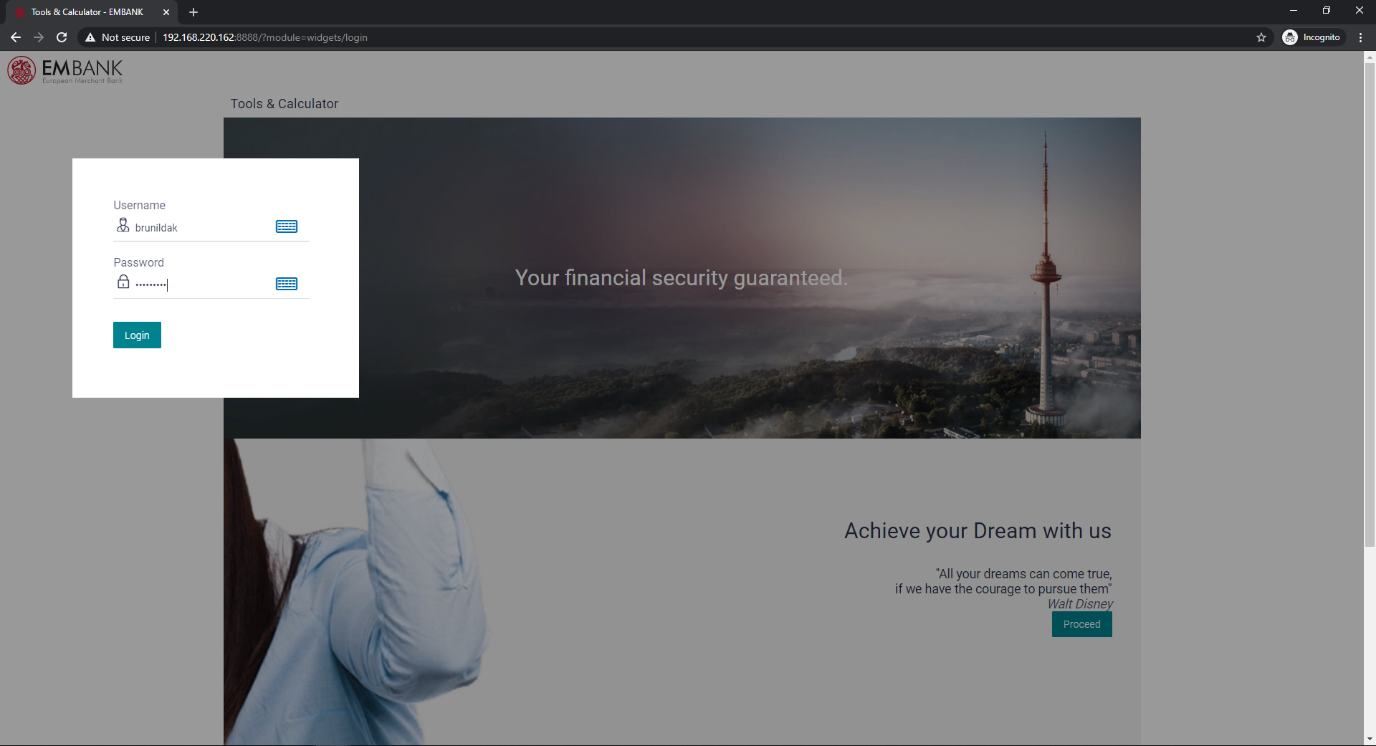
1. Under ‘Test results’ a link will be generated.



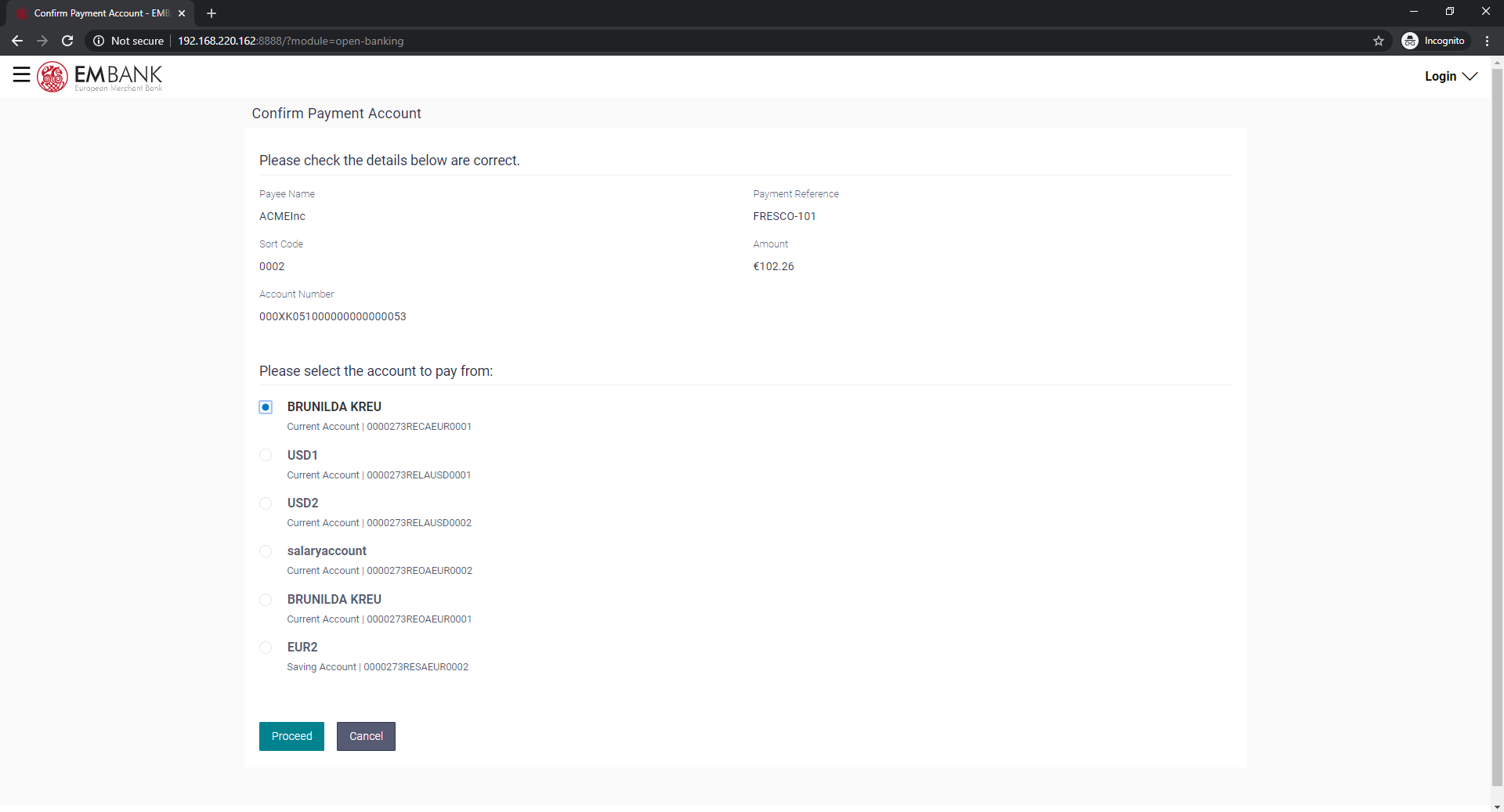
1. Copy the link and paste the above link in a browser. Confirm that the port number is the one of OBDX internet application call it.



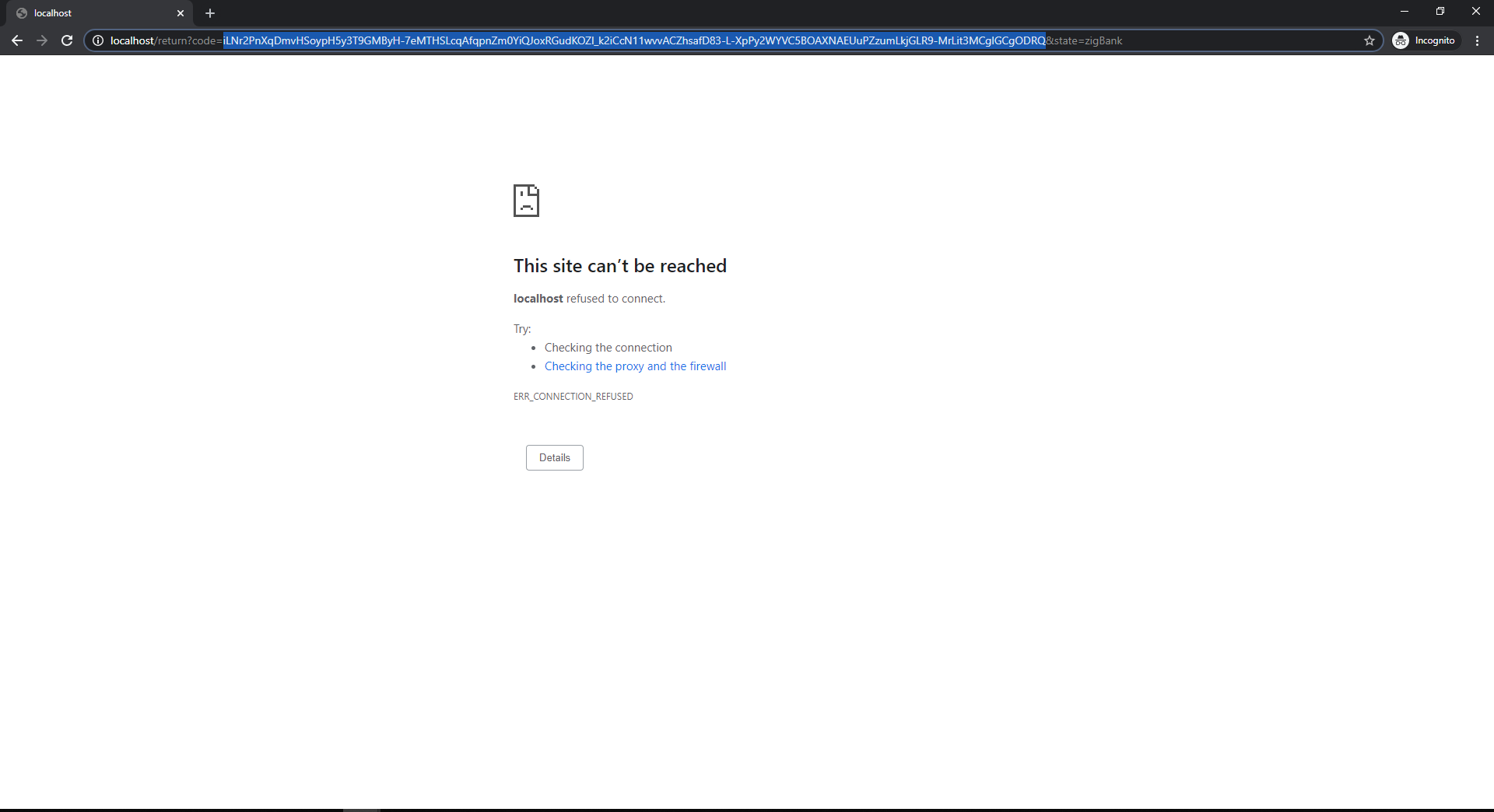
1. This link redirects to a login page where should be provided the credentials of the specific user. By user it’s meant the bank’s customer to which the TPP is requesting access toward resources.



1. The customer should give access to any of the following accounts by checking them and confirming.

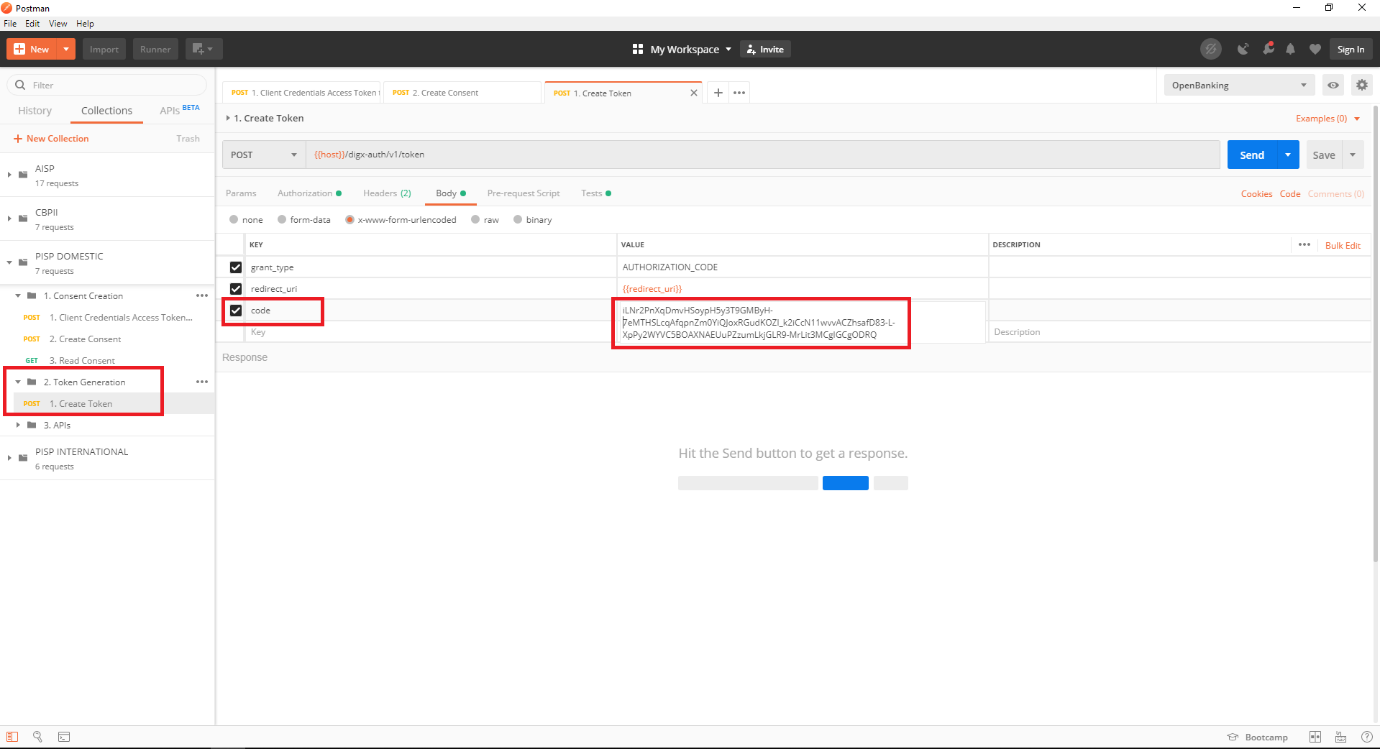


1. OBDX will forward the confirmation code to the TPP redirect\_uri previously specified. As for the postman collection, copy the code from the (=) symbol to the (&) symbol preceding the state. This code will be used on the next step by the TPP to get an access code for the resources.



## TOKEN GENERATION

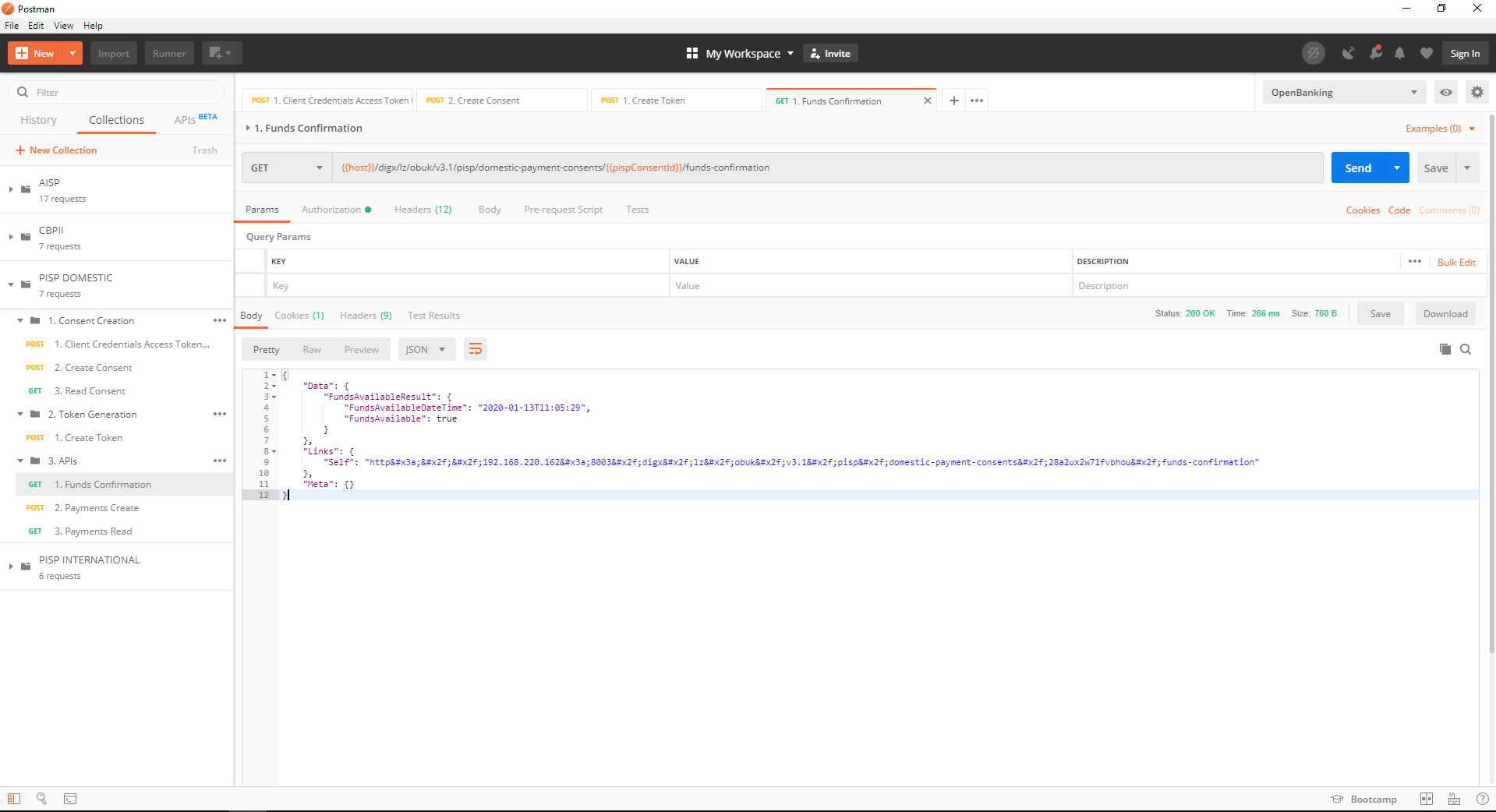
1. **Create Token**
2. Go under Token Generation->Create Access Token. Click on ‘Body’.
3. The code copied from the previous step (Consent Creation / Paragraph 2 - Consent Creation, Step 9) must be inserted on the ‘code’ parameter.
4. Reassure yourself to delete the cookies, if there are any and click Send.



## DOMESTIC PAYMENT APIs

1. **Funds Confirmation.**

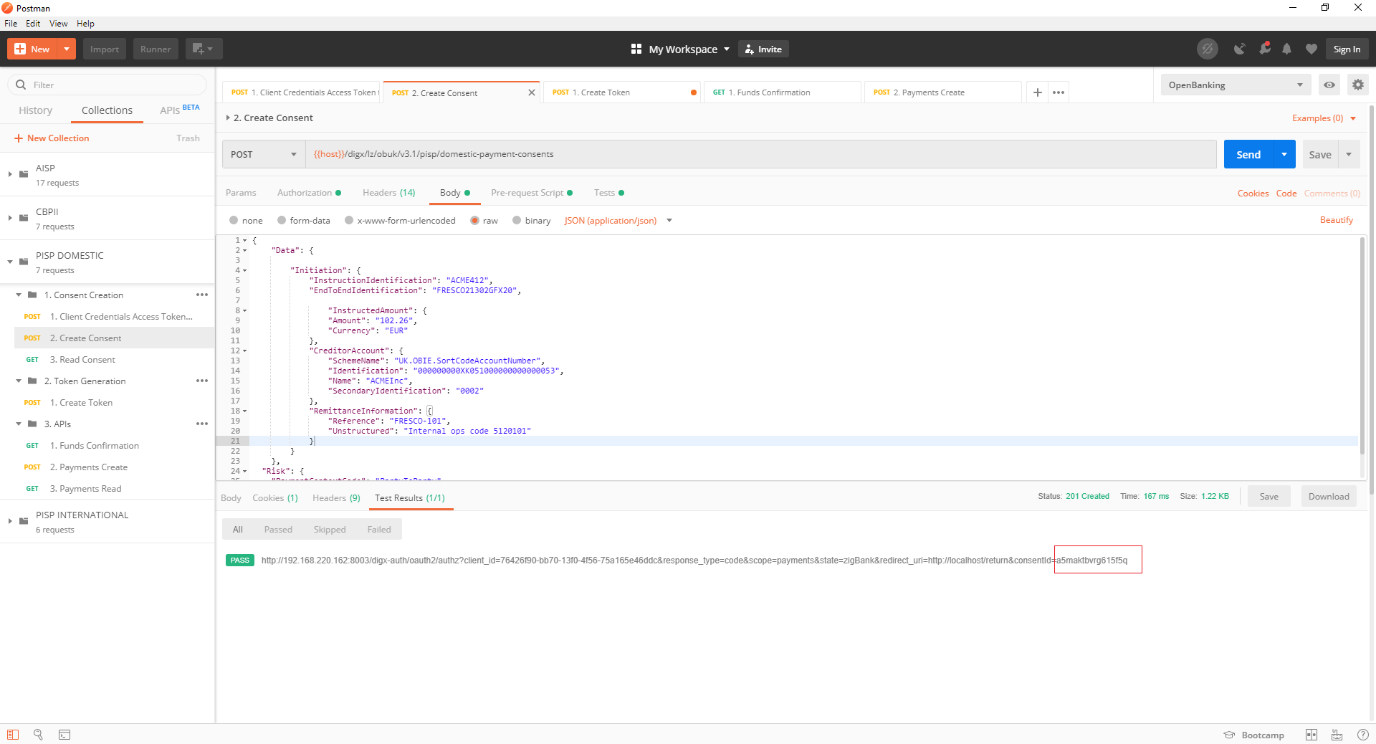
Delete cookies if there are any and click Send.

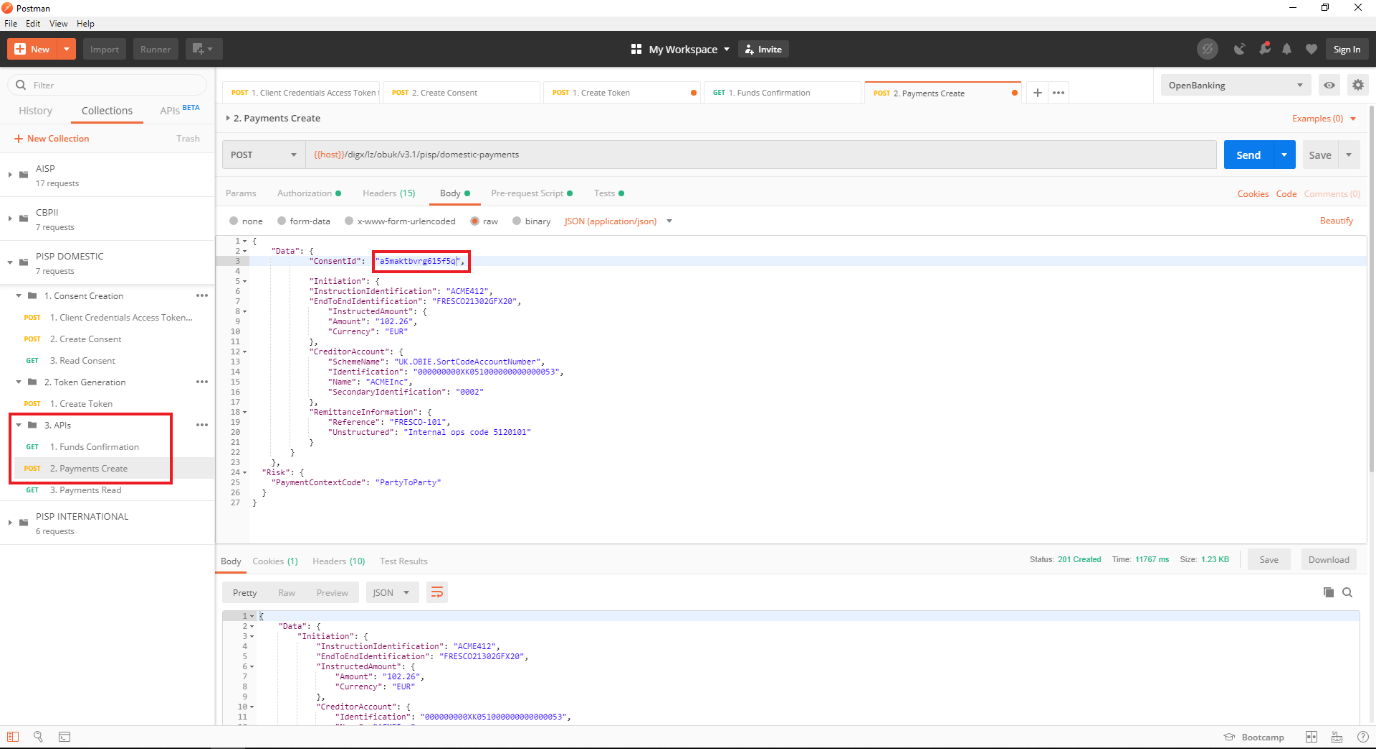


1. **Payments Create.**

Here all data inside the Body part must be the same as in the **‘Create Consent’** step, meaning that the internal part must be the same. Except the ‘ConsentId’.

1) We get the ConsentId from the link generated in the **Create Consent** step.

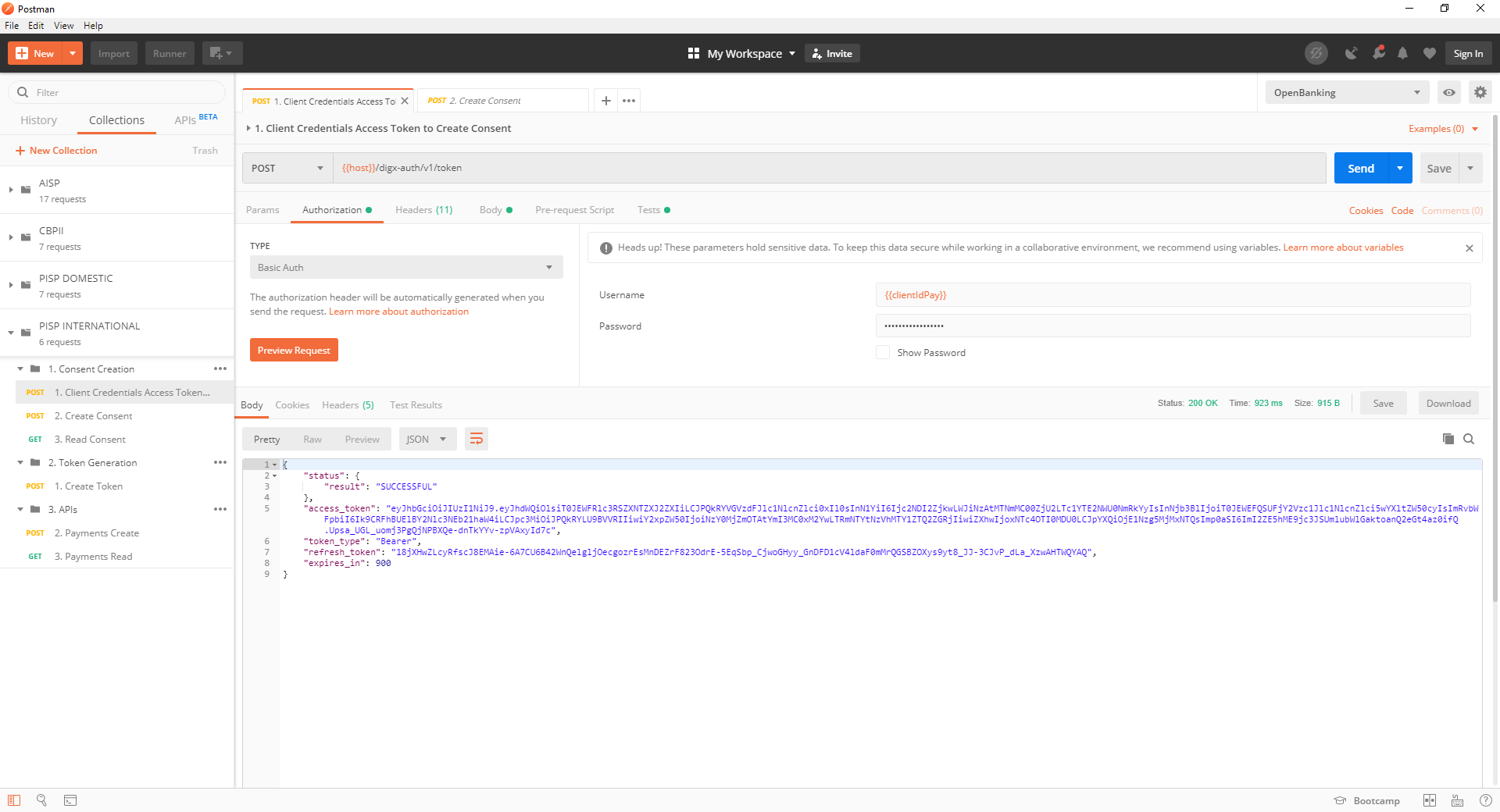


1. Copy the ConsentId and insert it on the ConsentId parameter under APIs->Payments Create->Body
2. Click Send

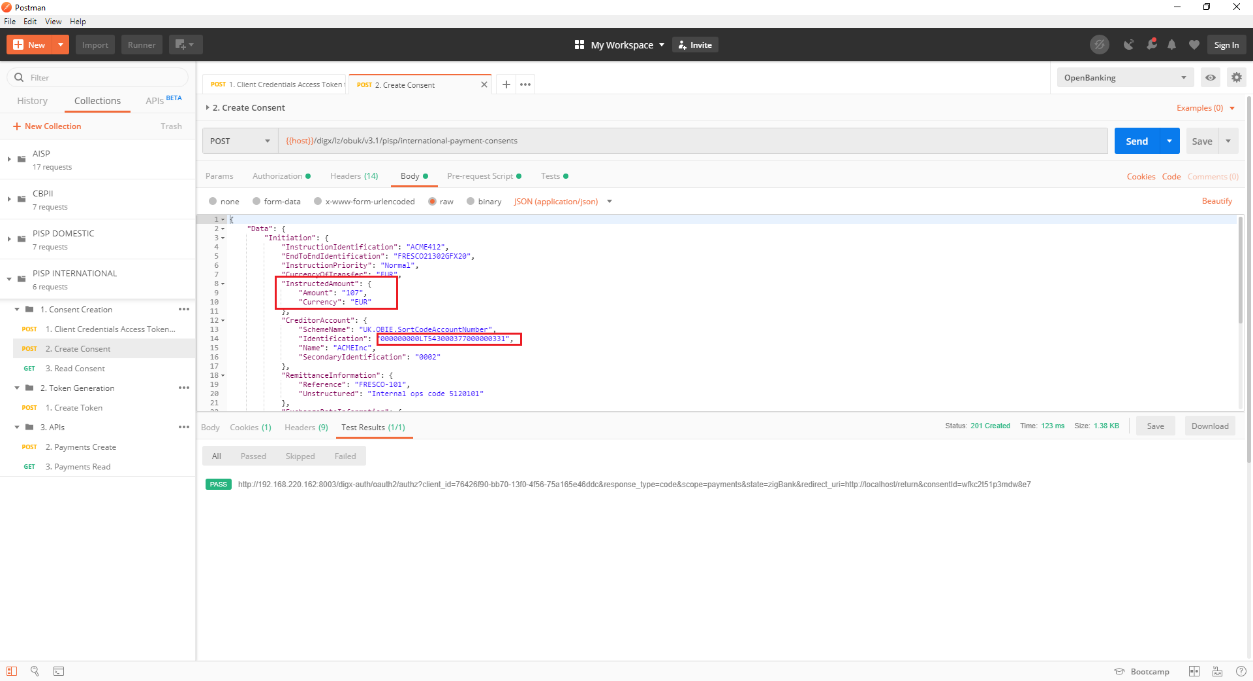
# PISP INTERNATIONAL PAYMENT APIs

## CONSENT CREATION

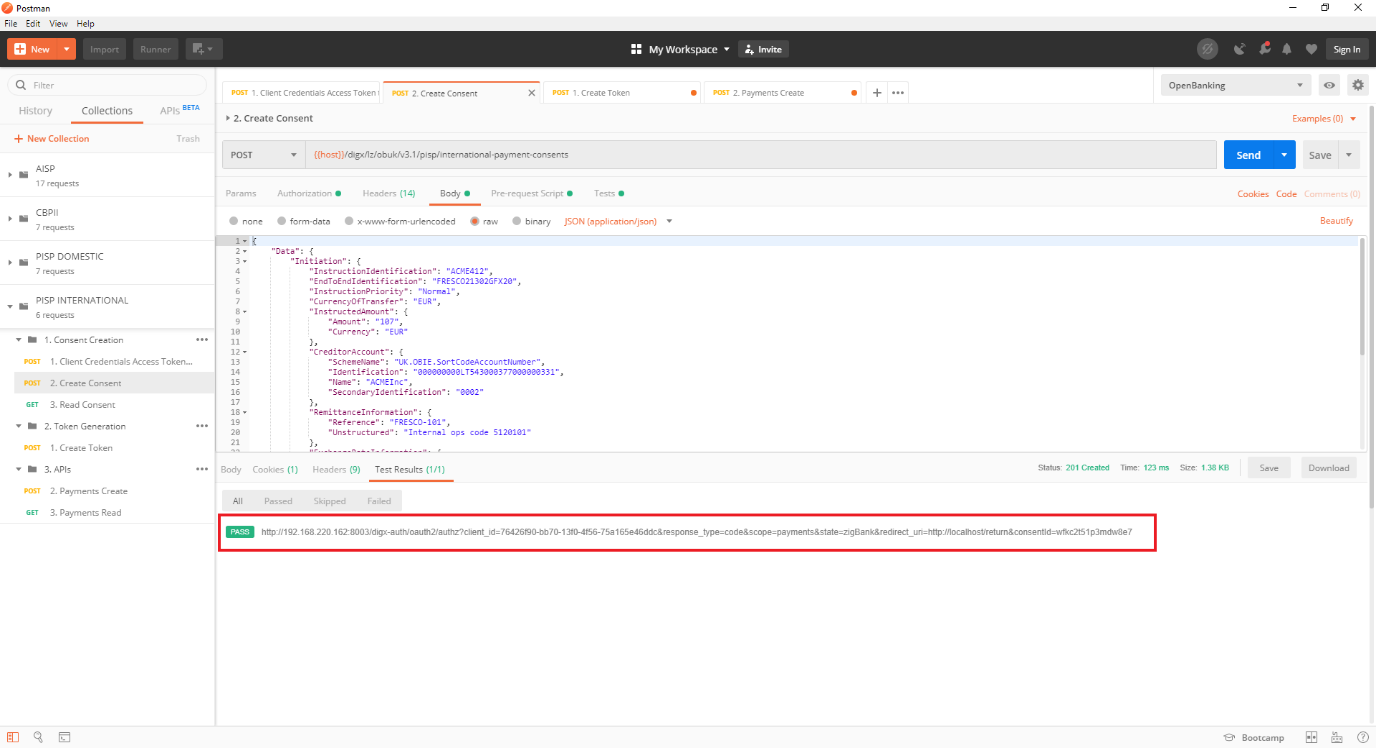
1. **Client Credentials Access Token to Create Consent**
2. Username is the clientIdPay and the Password is the clientPassPay earlier specified in the collection’s environment.
3. Click on Send.
4. This is the response provided. Inside there is an access token which will be later used for the call of Consent permission.



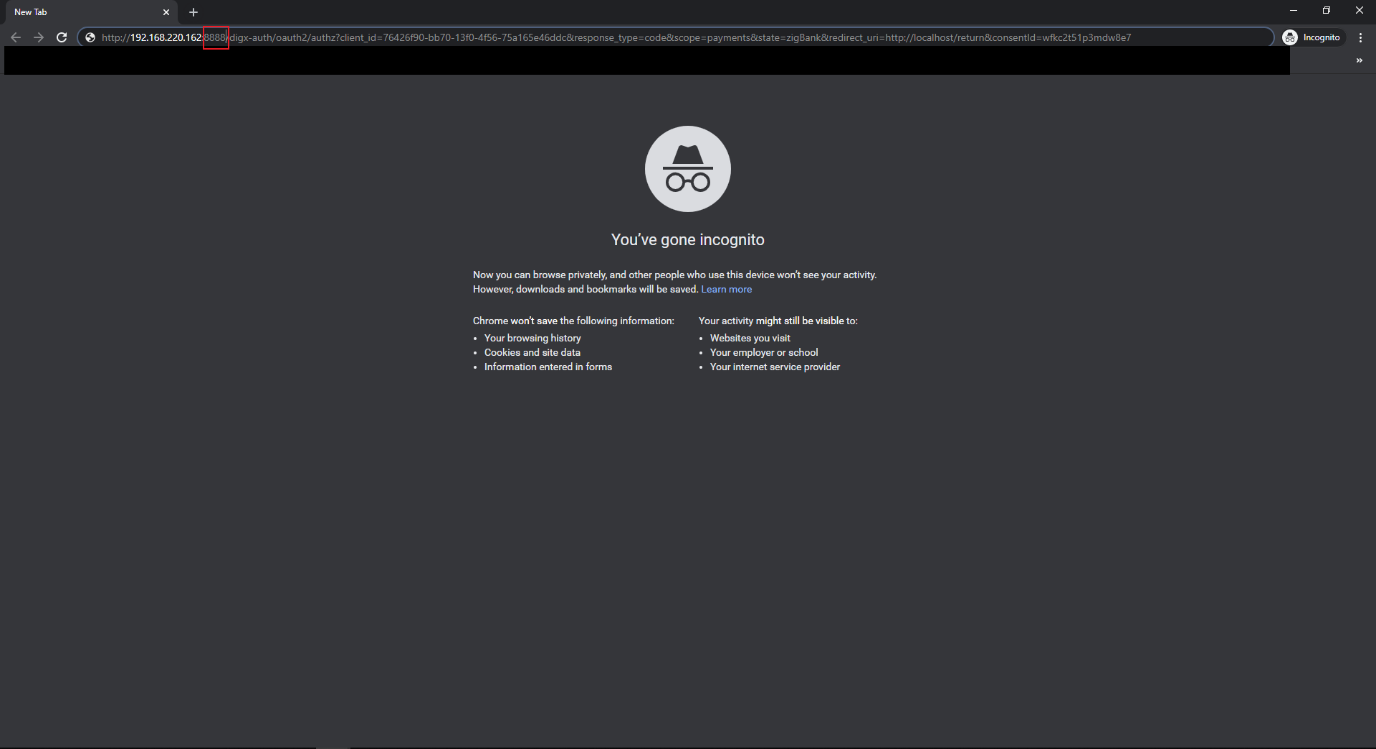
1. **Create Consent**
2. Under ‘Body->raw’, **always** set the ExpirationDateTime in the **future**.
3. The InstructedAmount/Amount is the amount that will be transferred to the Beneficiary (Crediting Amount)
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6. The data in the ‘Body’ part must remain the same even in the Payment Creation(APIs/Payments Creation).
7. Click Send.



1. Under ‘Test Results’ a link will be generated.

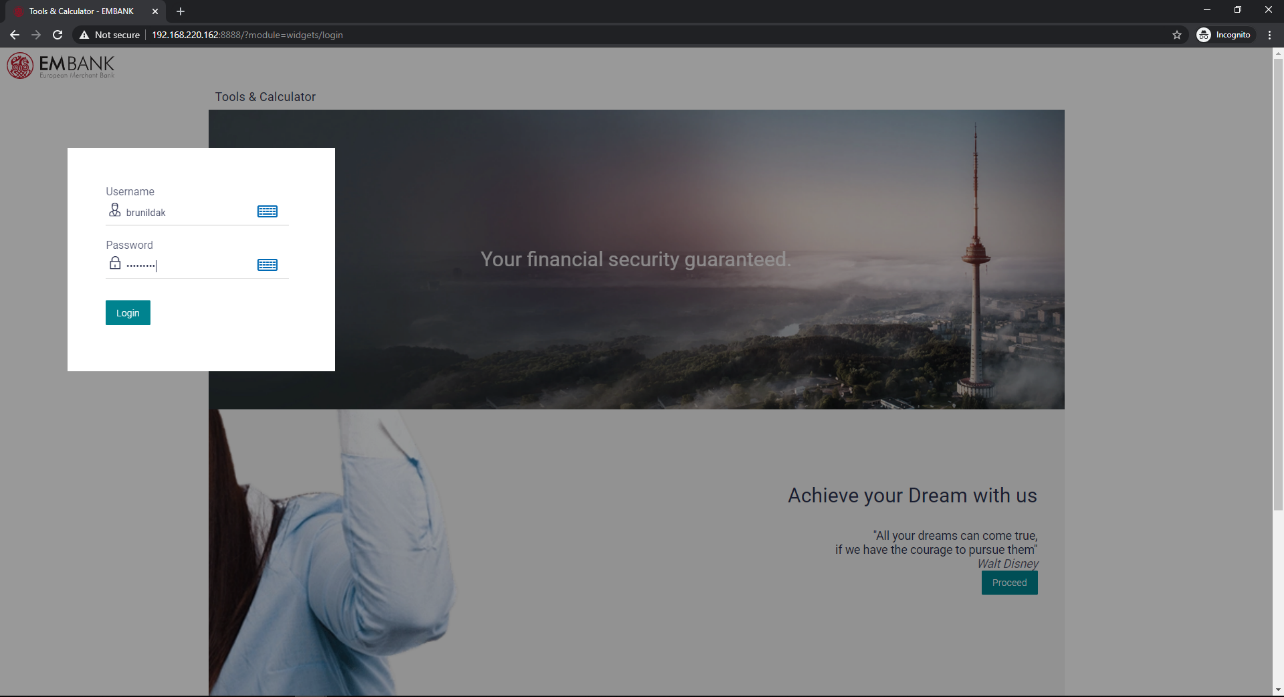


1. Copy the link and paste the above link in a browser. Confirm that the port number is the one of OBDX internet application call it.

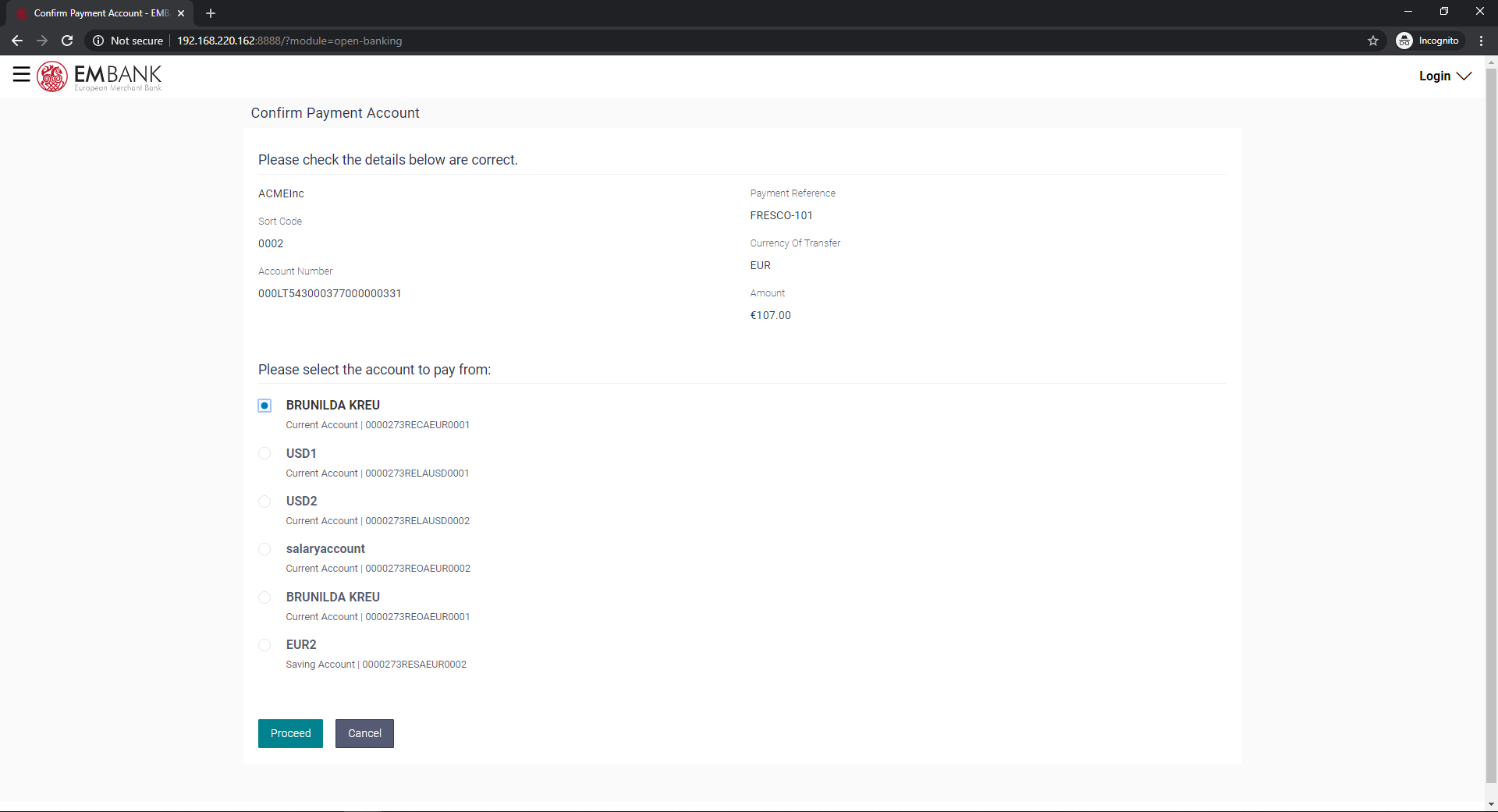


*Note: We recommend using the Incognito mode for avoiding any cache issues with the browsers.*

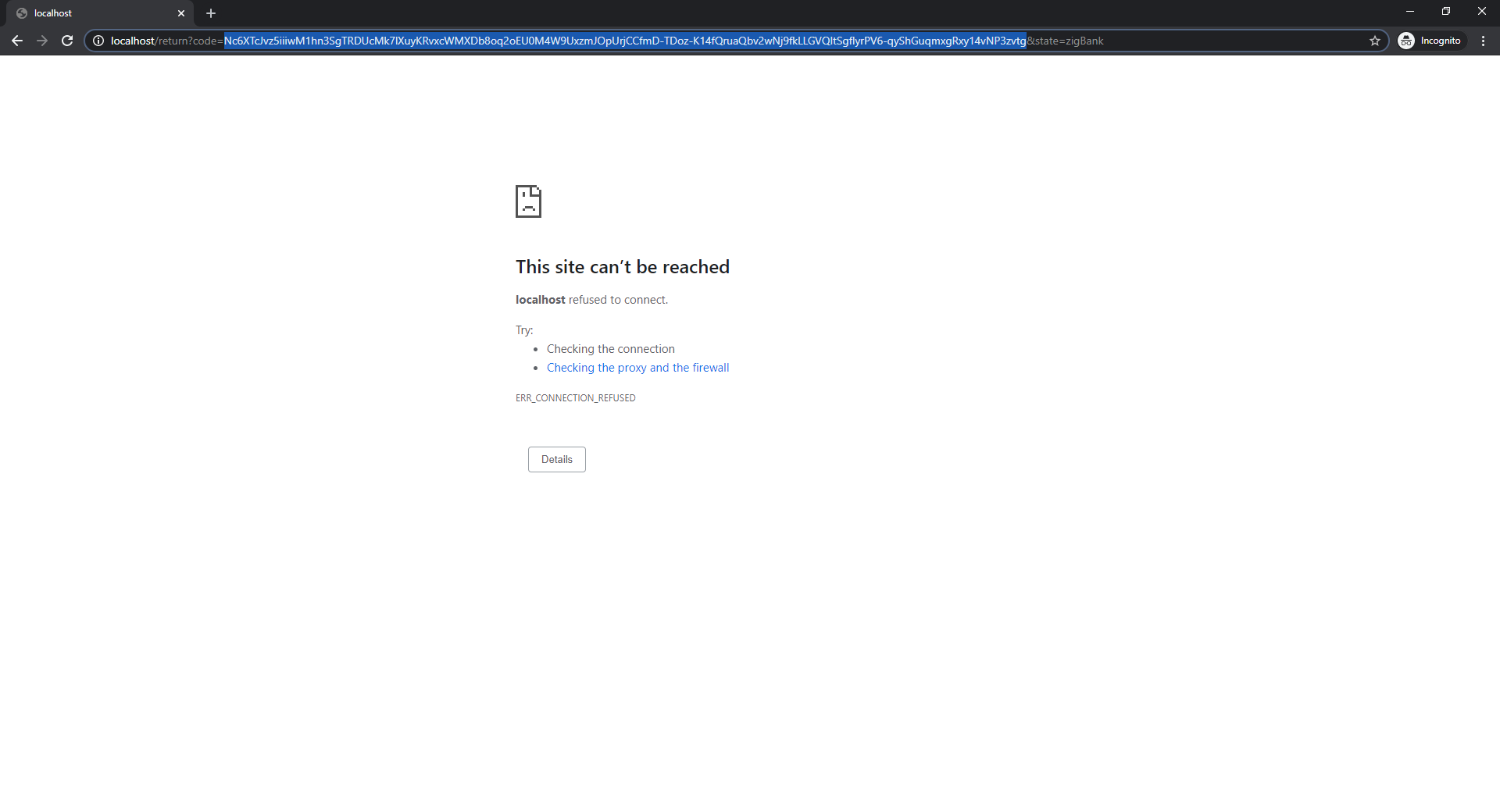
1. This link redirects to a login page where should be provided the credentials of the specific user. By user it’s meant the bank’s customer to which the TPP is requesting access toward resources.



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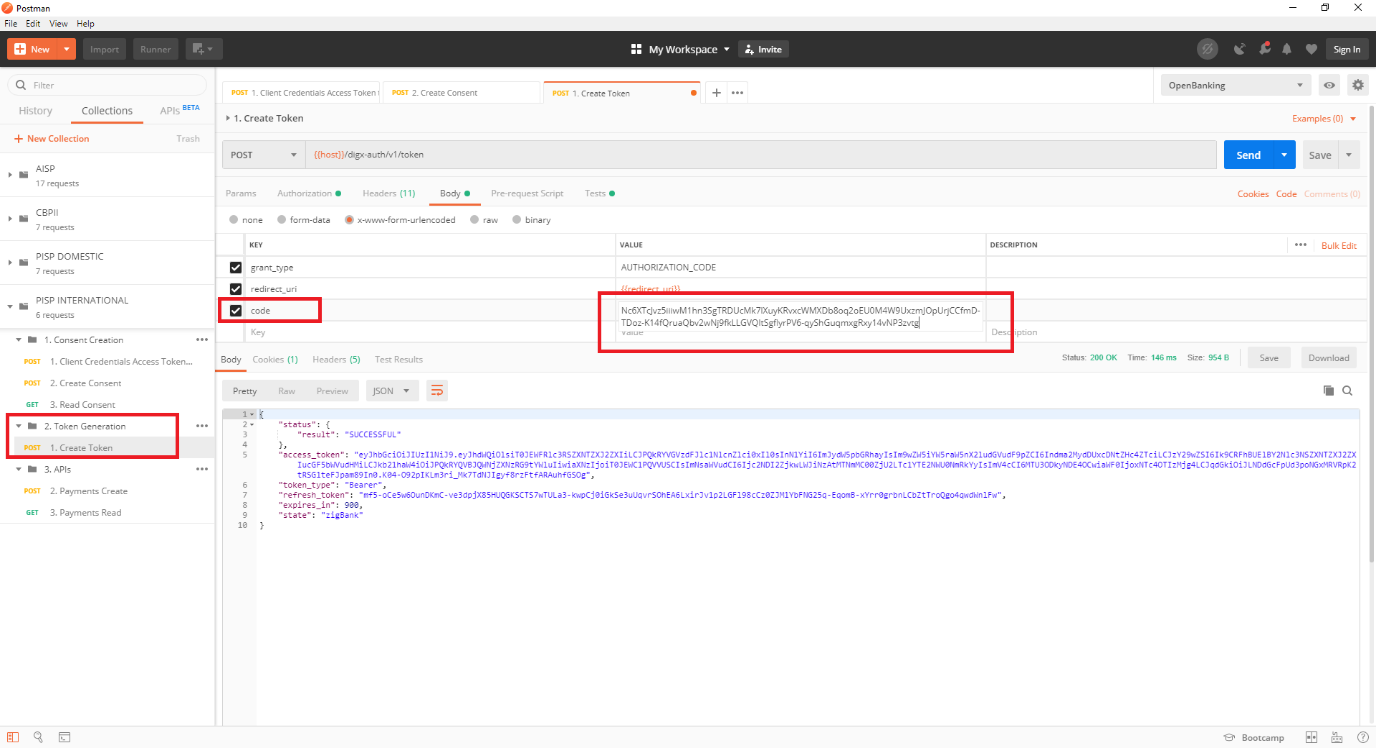


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## TOKEN GENERATION

1. **Create Token**
2. Go under Token Generation->Create Access Token. Click on ‘Body’.
3. The code copied from the previous step (Consent Creation / Paragraph 2 - Consent Creation, Step 9) must be inserted on the ‘code’ parameter.
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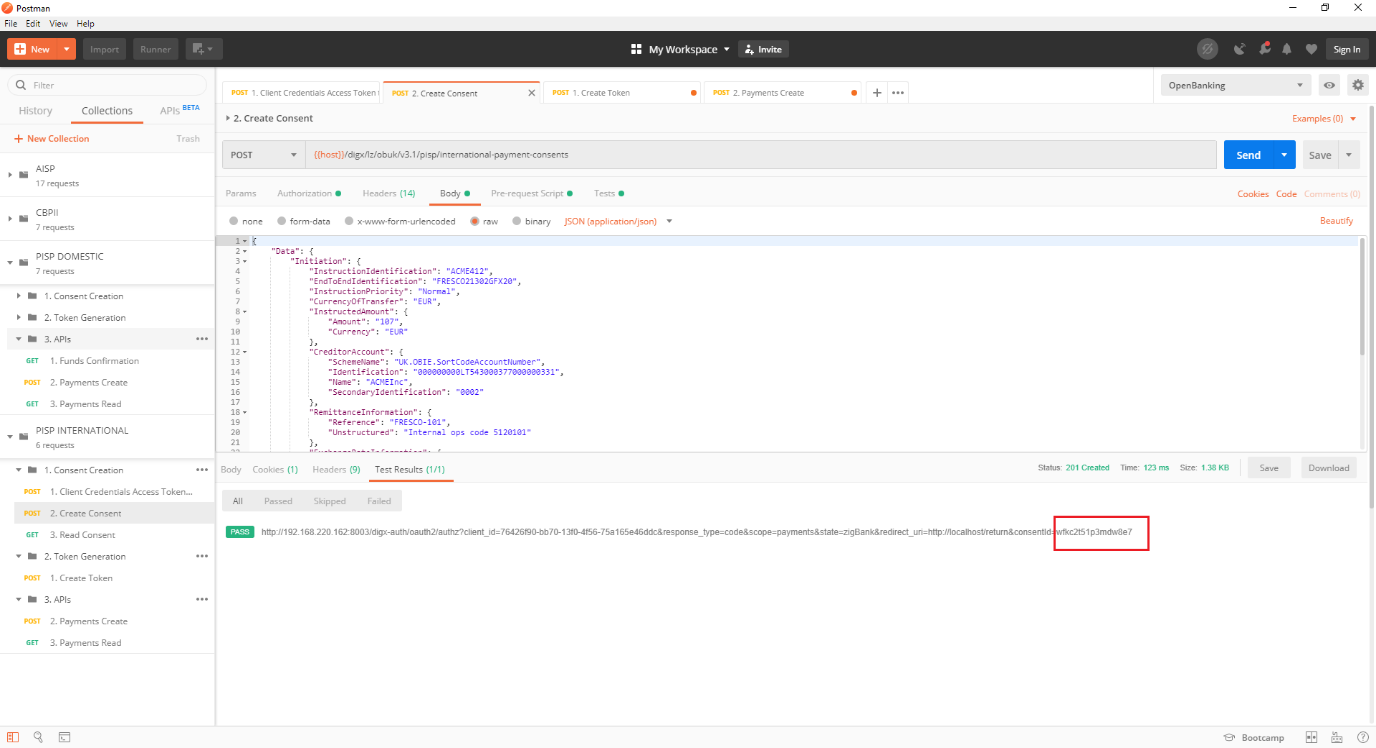


## INTERNATIONAL PAYMENT APIs

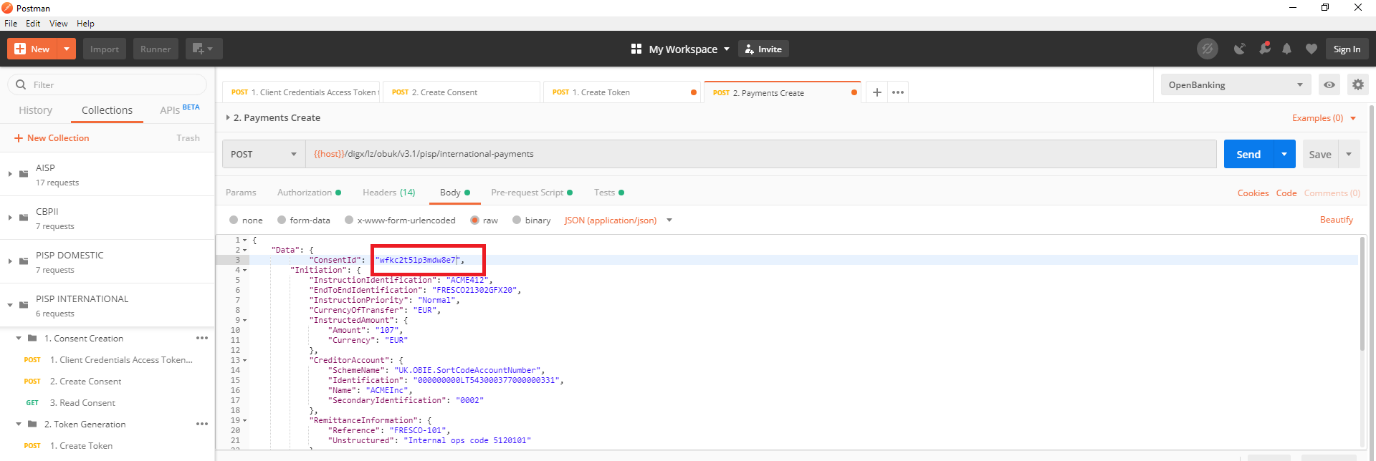
1. **Payments Create.**

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1) We get the ConsentId from the link generated in the **Create Consent** step.



1. Copy the ConsentId and insert it on the ConsentId parameter under APIs->Payments Create->Body



1. Click Send