**TPP Testing Guide**

**AISP (Account Information 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

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

**clientPassword** – 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

**accountScope** – set it as ‘accounts’ (this value is case sensitive – should be set as this)

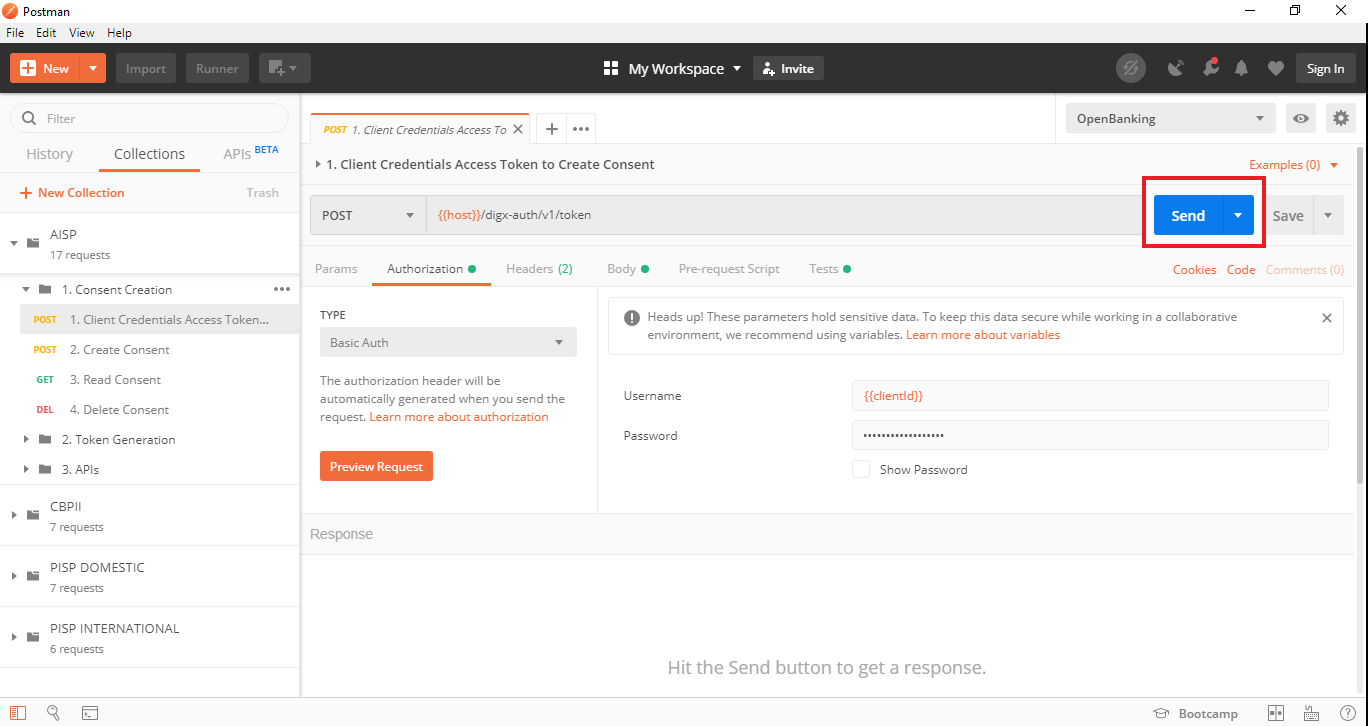
**apiKey** – must be sent on all requests, obtained in https://portal.cabel.it/admin/app/api-explorer

# COOKIES

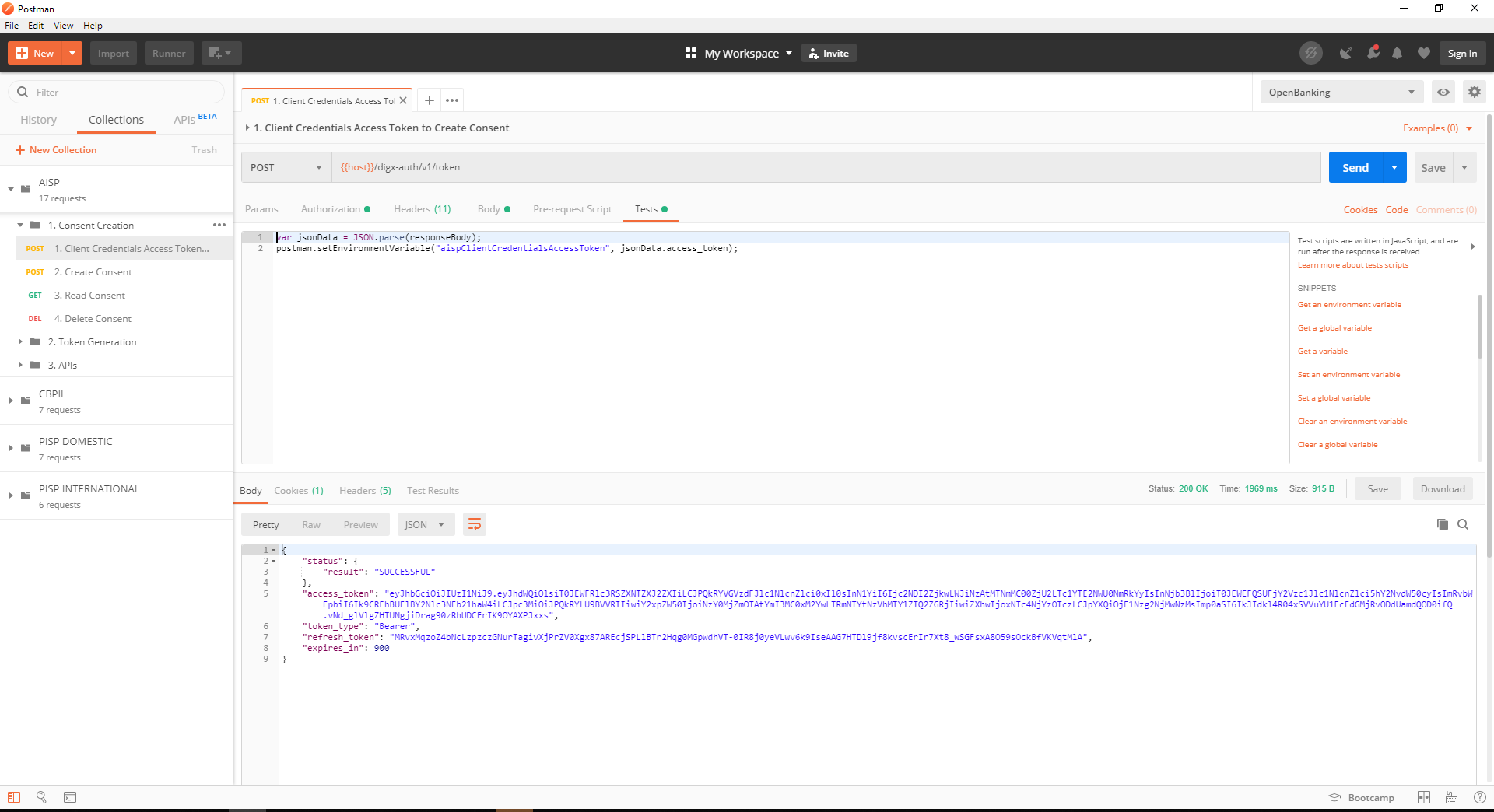
In every step of the Test we must be sure that all the **cookies** have been **deleted**.

# CONSENT CREATION

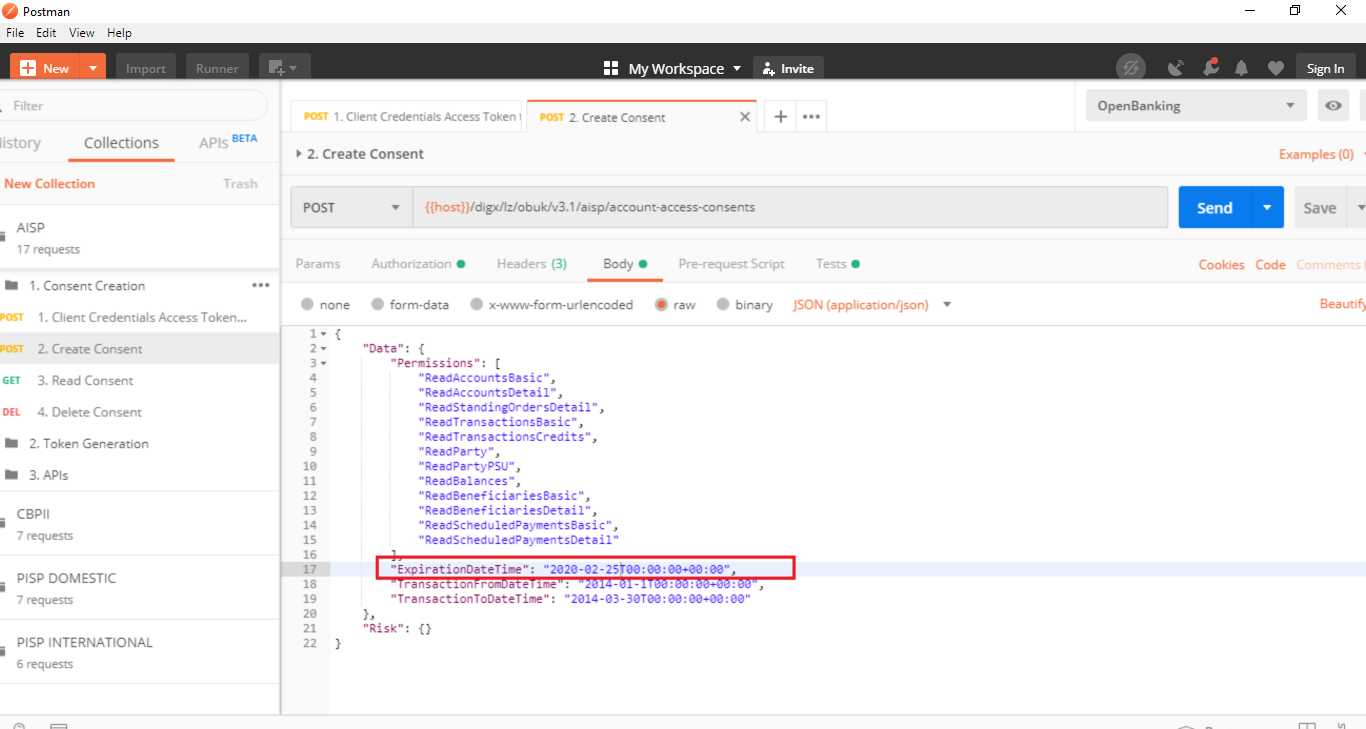
1. **Client Credentials Access Token to Create Consent**
2. Username is the ClientID and the Password is the clientPassword earlier specified in the collection’s environment.
3. Click on Send.



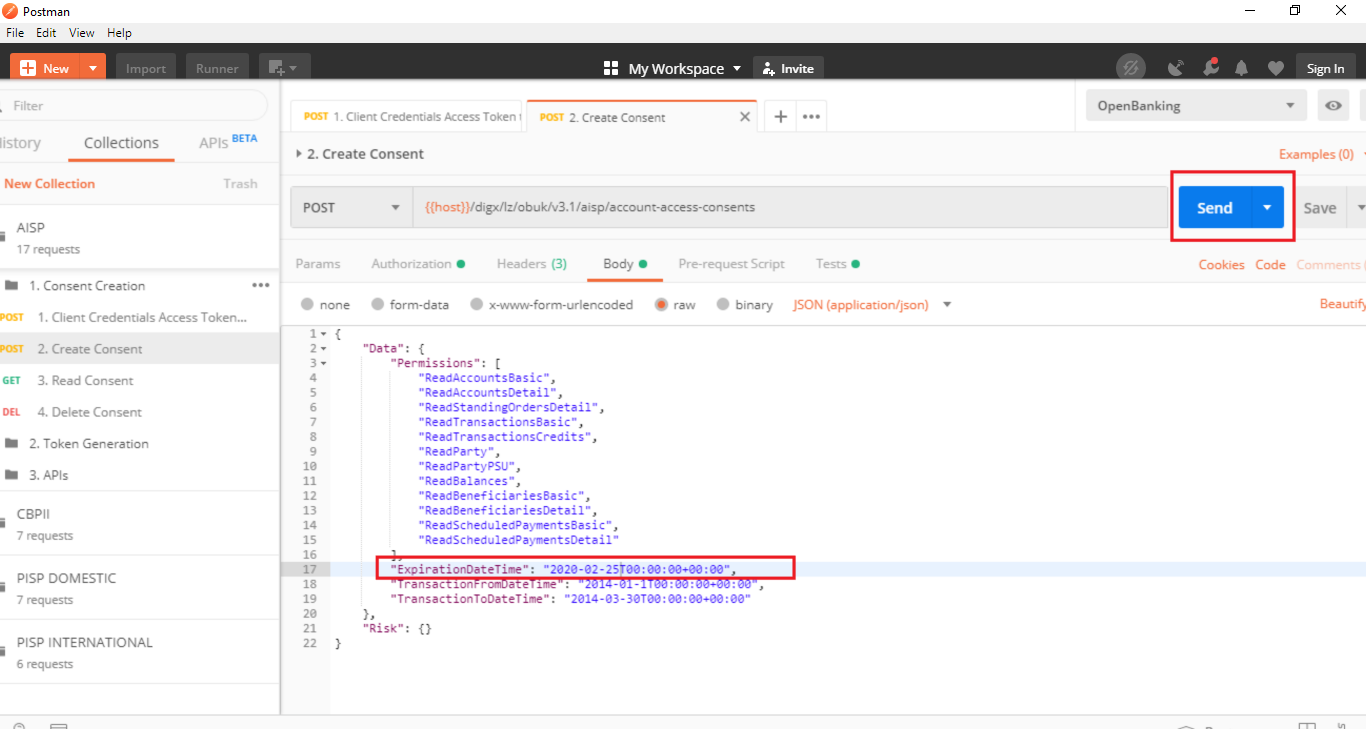
This is the response provided. Inside there is an access token which will be later used for the call of Consent permission.



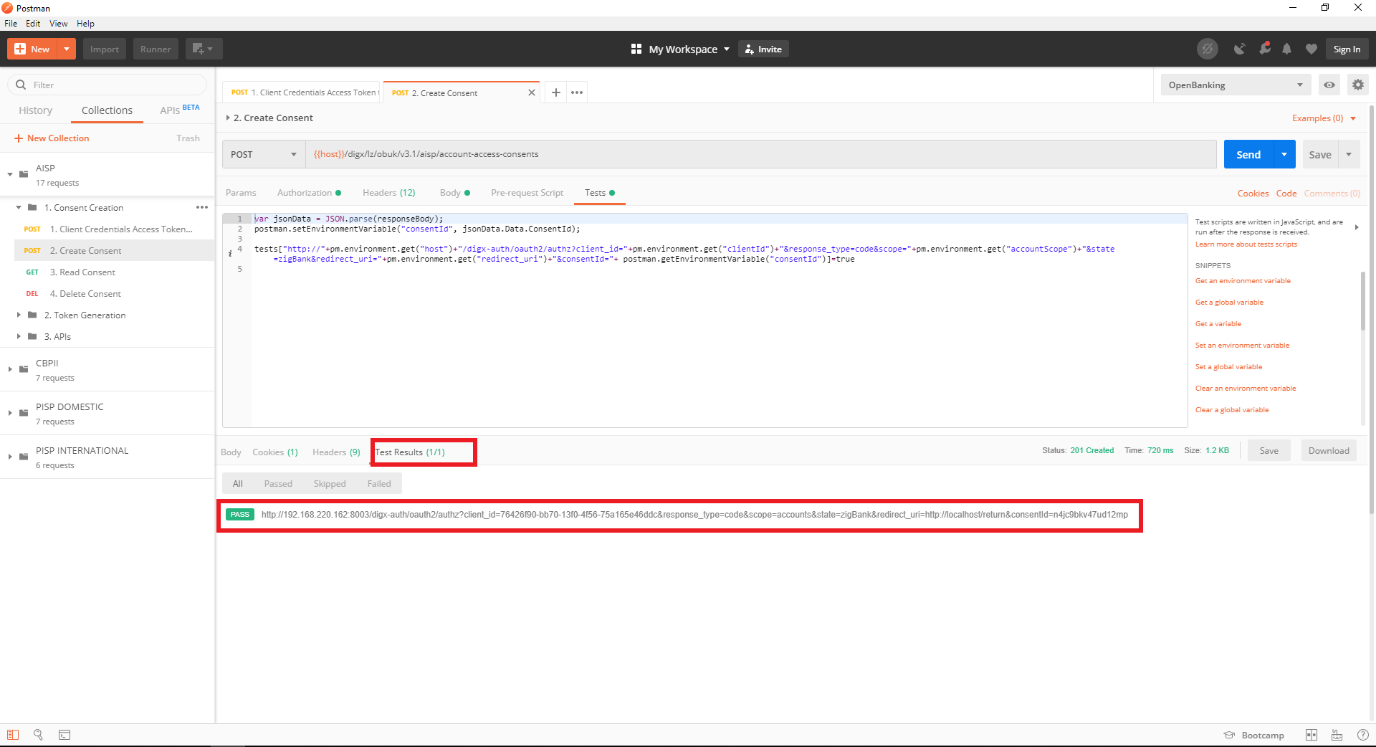
1. **Create Consent**
2. Under ‘Body->raw’, **always** set the ExpirationDateTime in the **future**.
3. Under Permissions leave the minimum number of permissions required (in the screenshot are shown all permissions possible for AISP). If all operations will be requested, all these permissions should be made available here.



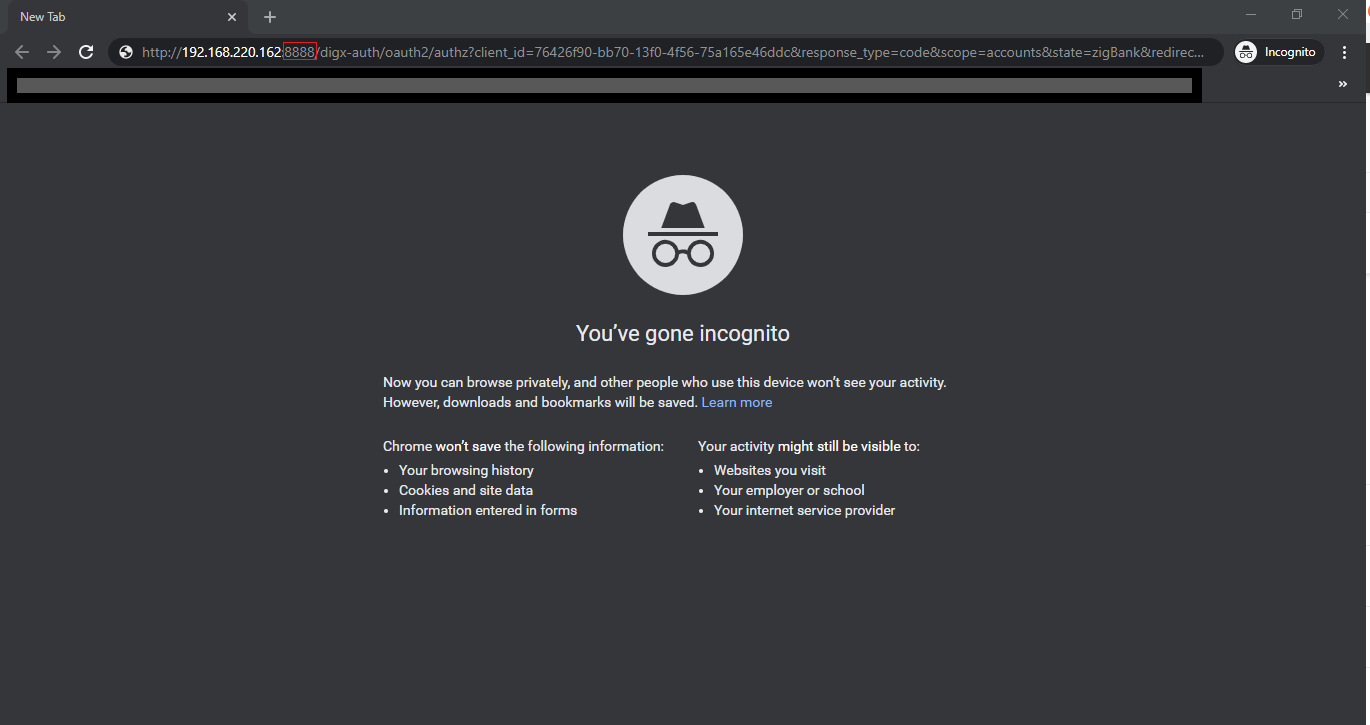
1. For Authorization here it is not putted the Username and Password but just the AccessToken previously received from the call to the previous explained API (1. Client Credentials Access Token) – specified in the environment variables as: **{{aispClientCredentialsAccessToken}}**
2. Delete cookies if there are any and Send the request



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

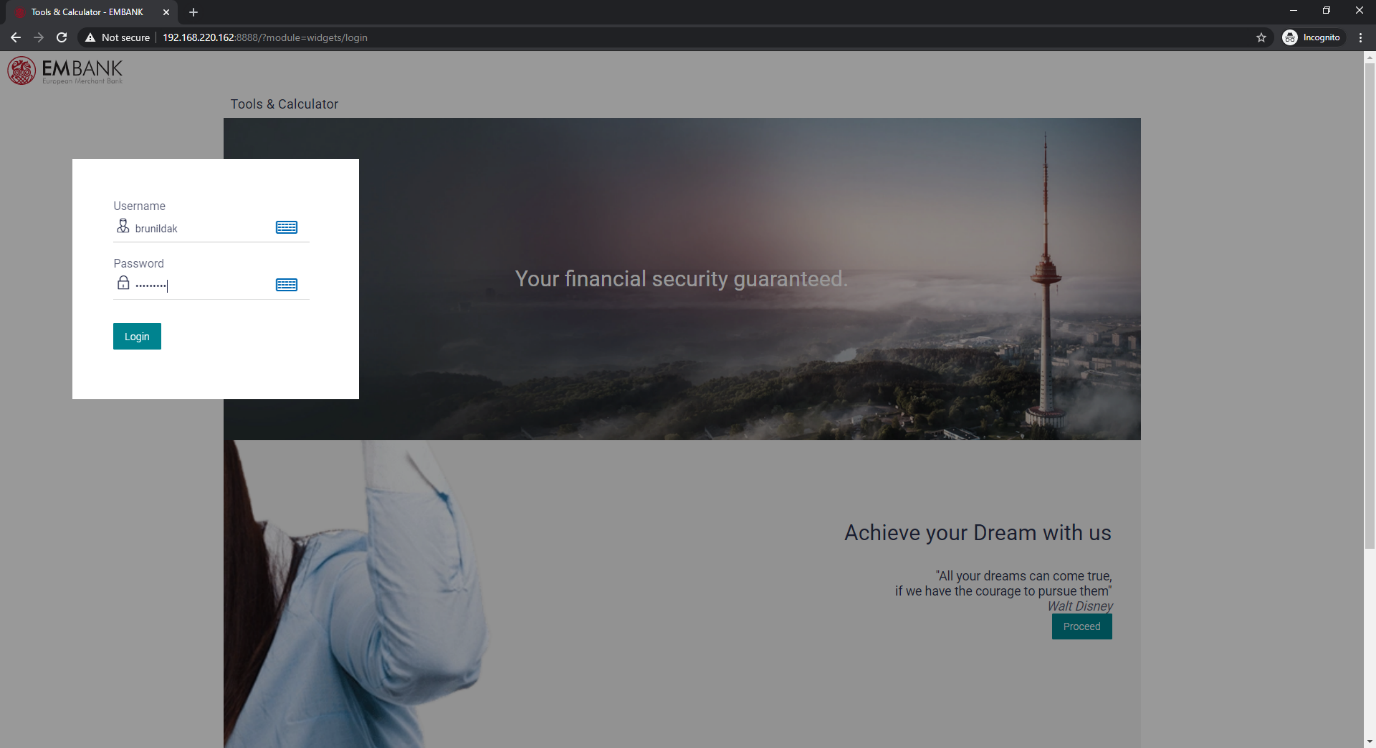


1. Copy the link and paste the above link in a browser. Confirm that the port number is the one of OBDX internet application call it.

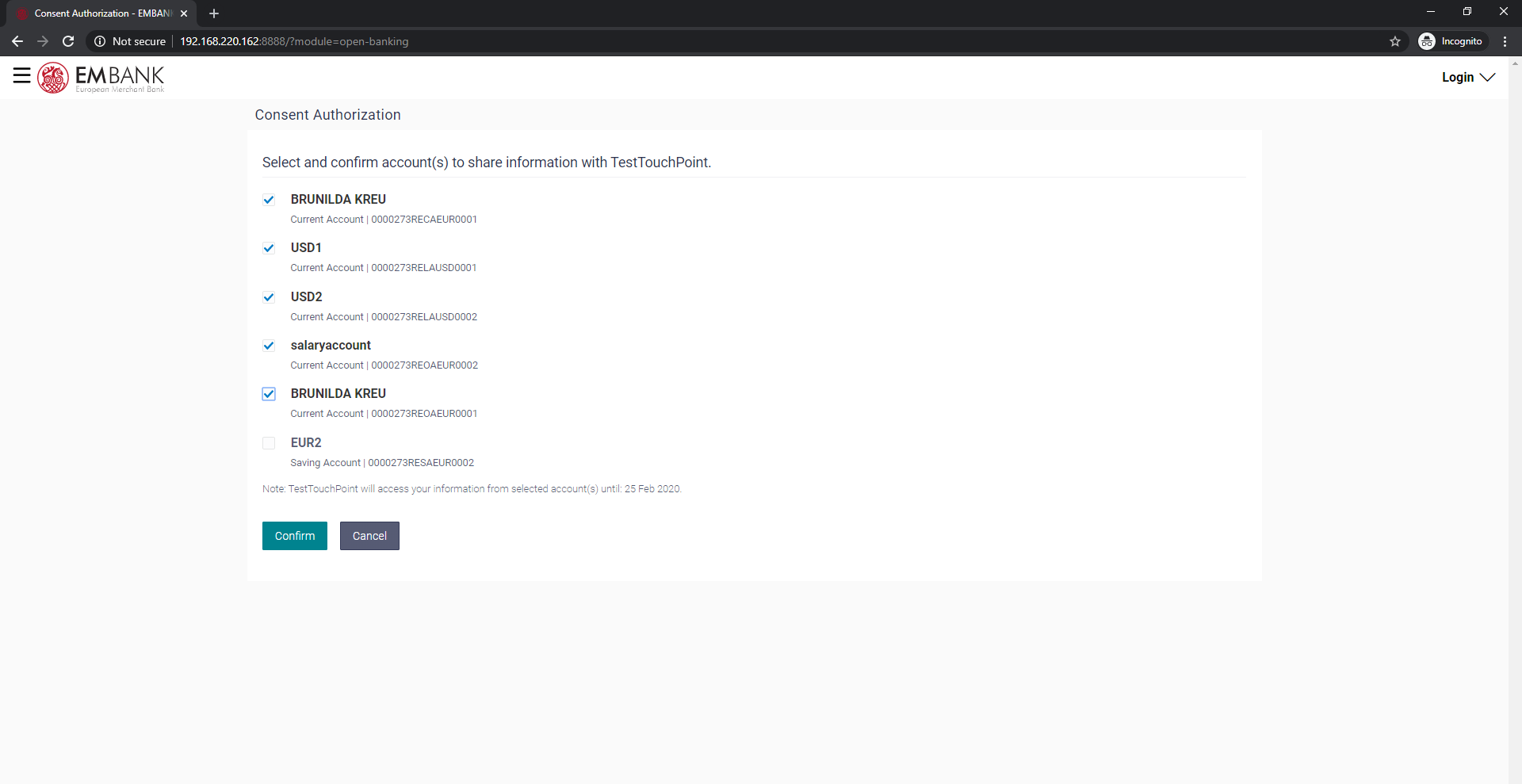


*Note: We recommend using the Incognito mode for avoiding any cache issues with the browsers.*

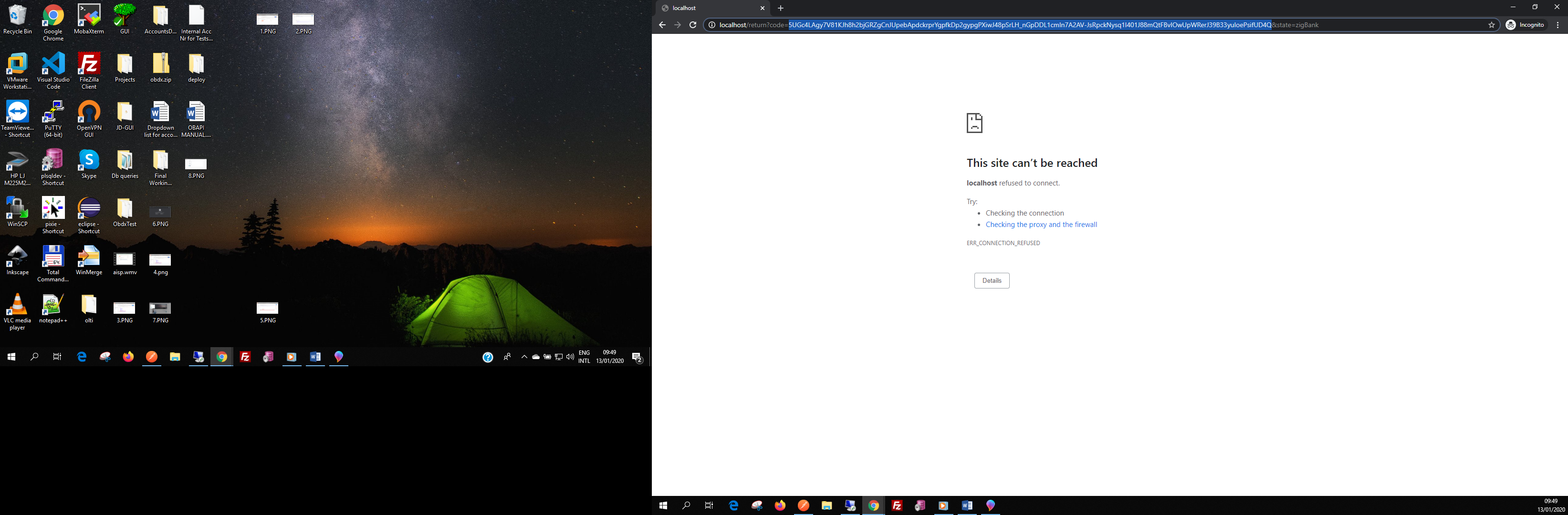
1. This link redirects to a login page where should be provided the credentials of the specific user. By user it’s meant the bank’s customer to which the TPP is requesting access toward resources.



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

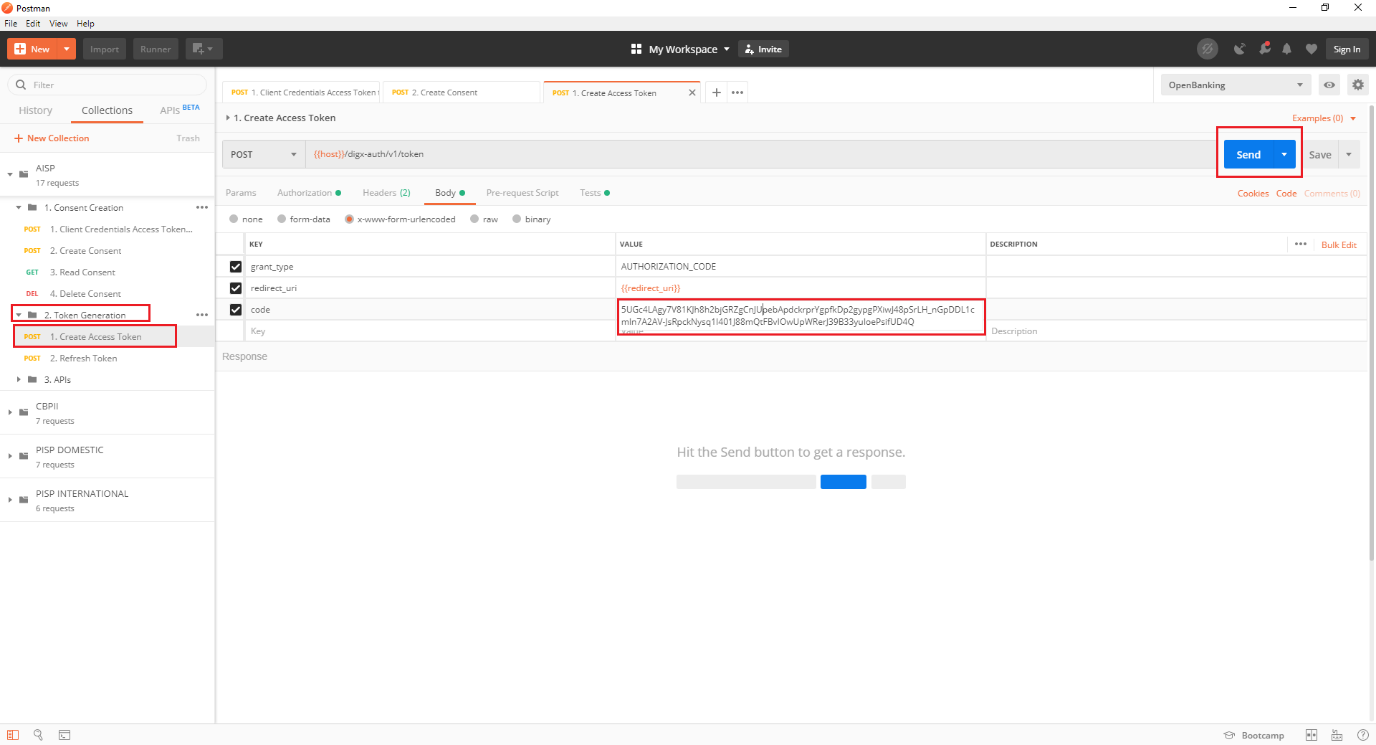


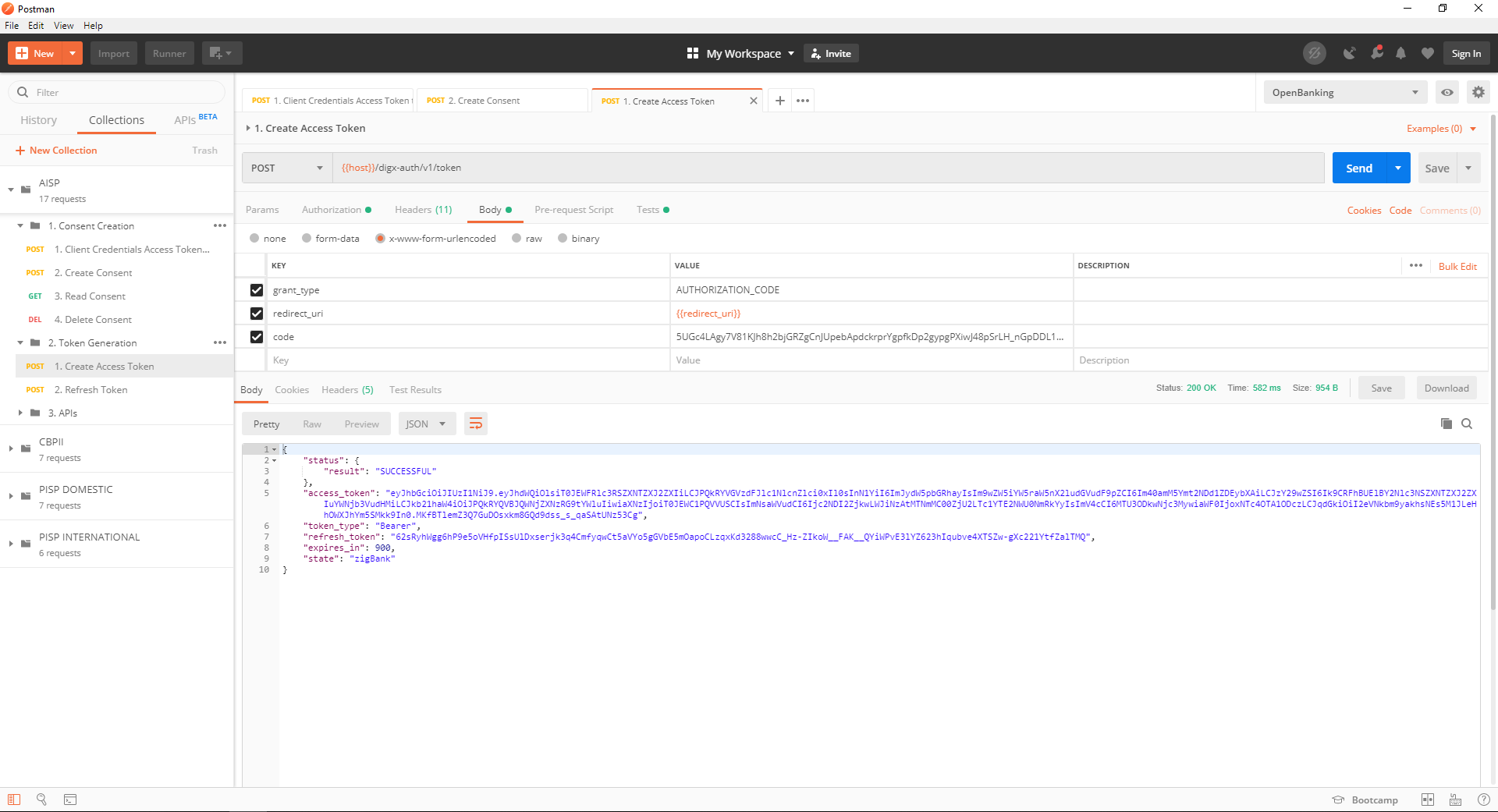
1. OBDX will forward the confirmation code to the TPP redirect\_uri previously specified. As for the postman collection, copy the code from the (=) symbol to the (&) symbol preceding the state. This code will be used on the next step by the TPP to get an access code for the resources.



# TOKEN GENERATION

1. **Create Access 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.

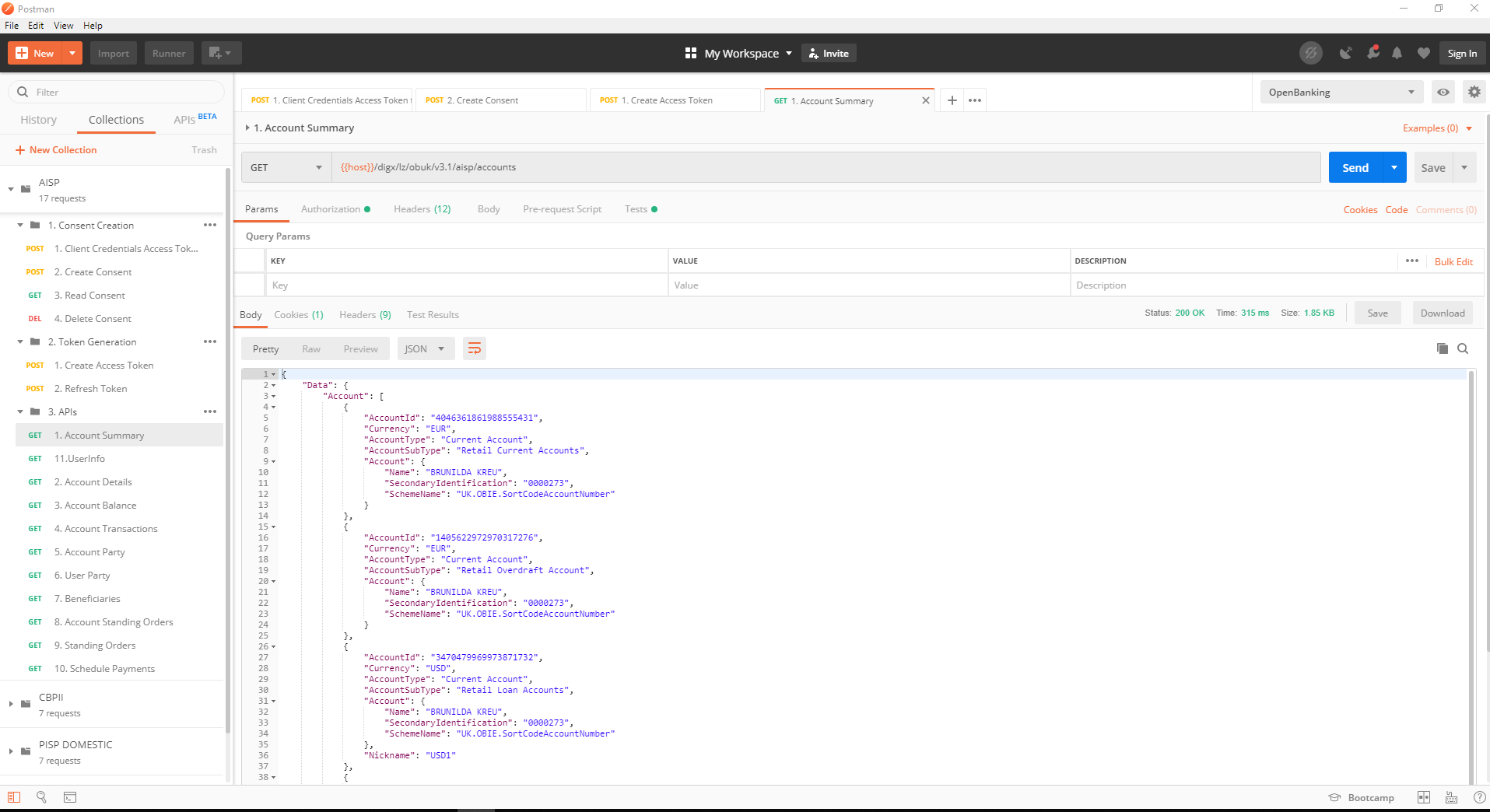


1. Below is the response. Inside the response body there is the access token to be used during the resources access through API calls. This token is maintained in the {{aispAccessToken}}.

# AISP APIs

**1.Account Summary**

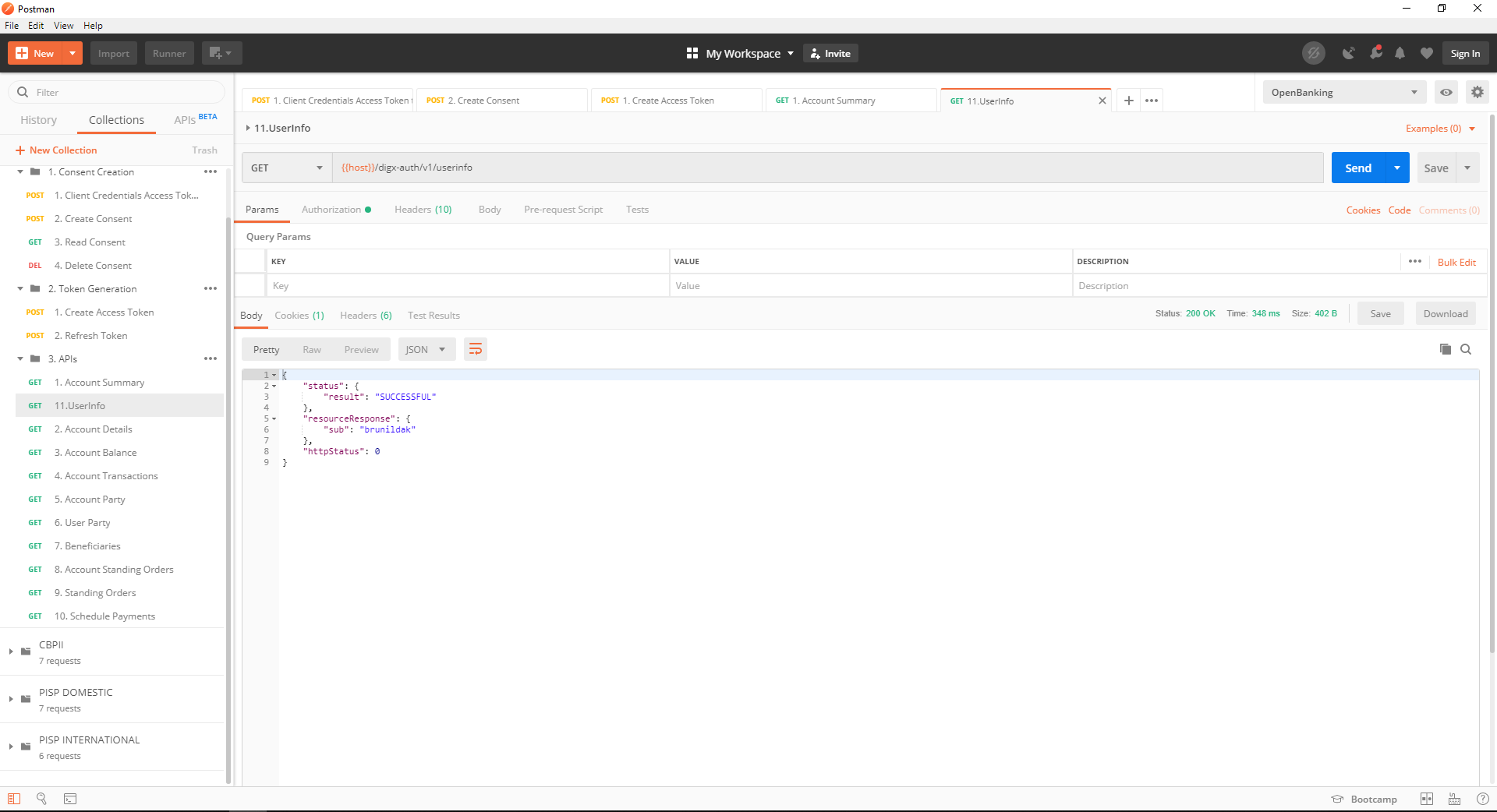
Delete cookies if there are any. Click Send.



For all the following services afterwards included in the Postman Collection regarding a single Account Number, the collection will default the Account as the first account in the AccountSummary call. In case a new account should be used, the AccountId received by the AccountSummary call have to be maintained in the Environment Variables under the variable: accountId .

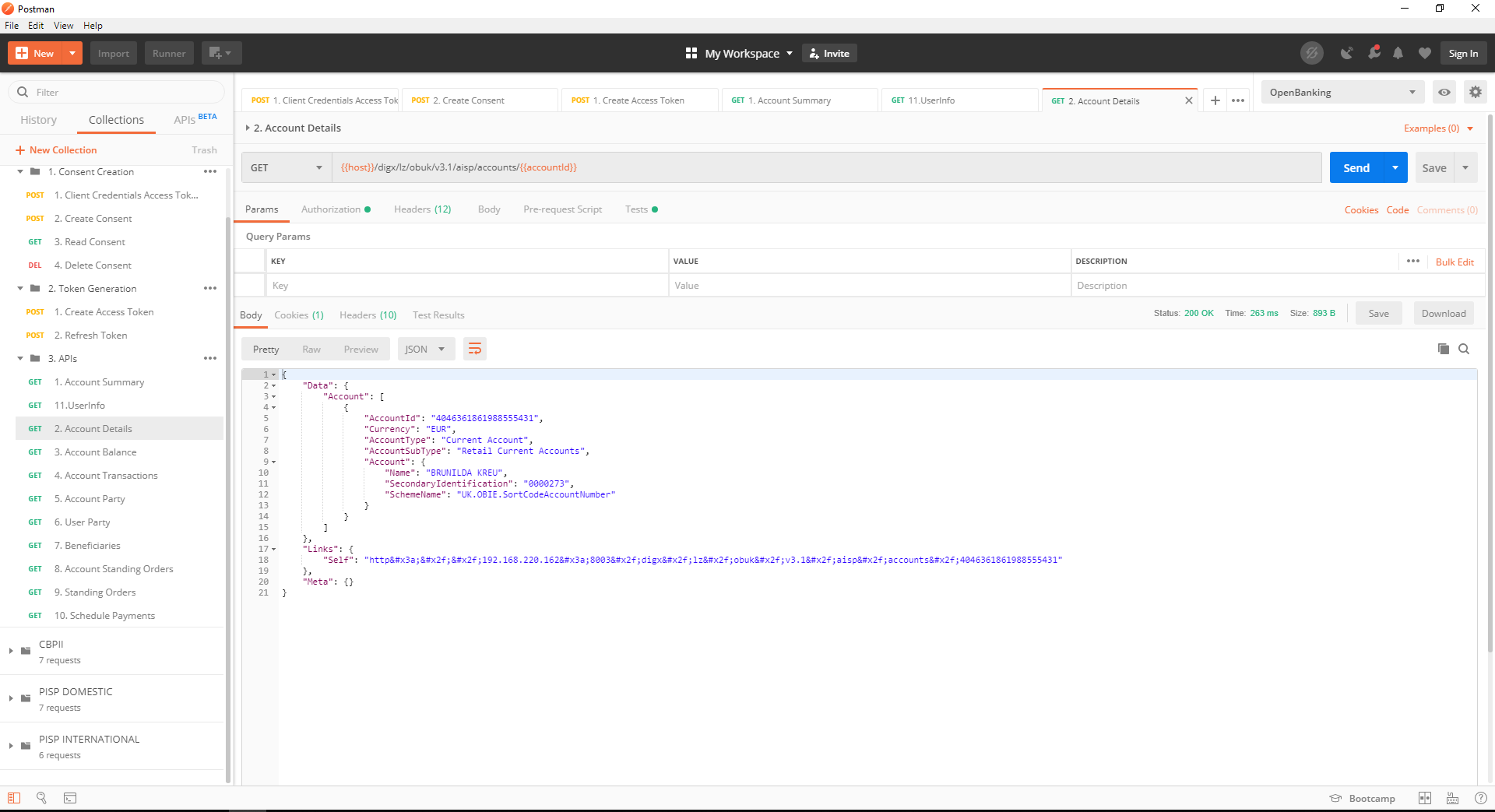
**2.UserInfo**

Delete cookies if there are any. Click Send.



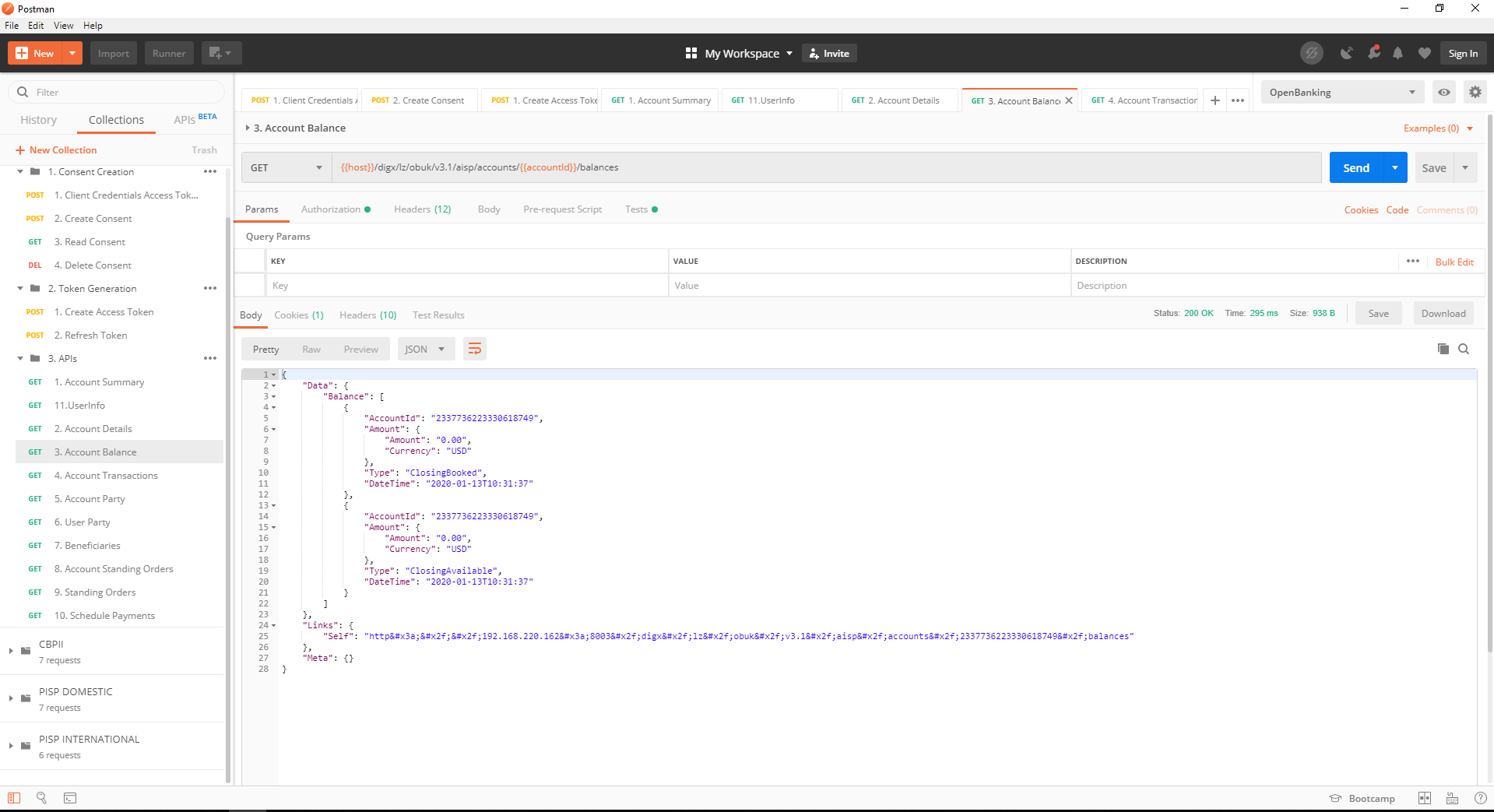
**3.Account Details**

Delete cookies if there are any. Click Send.



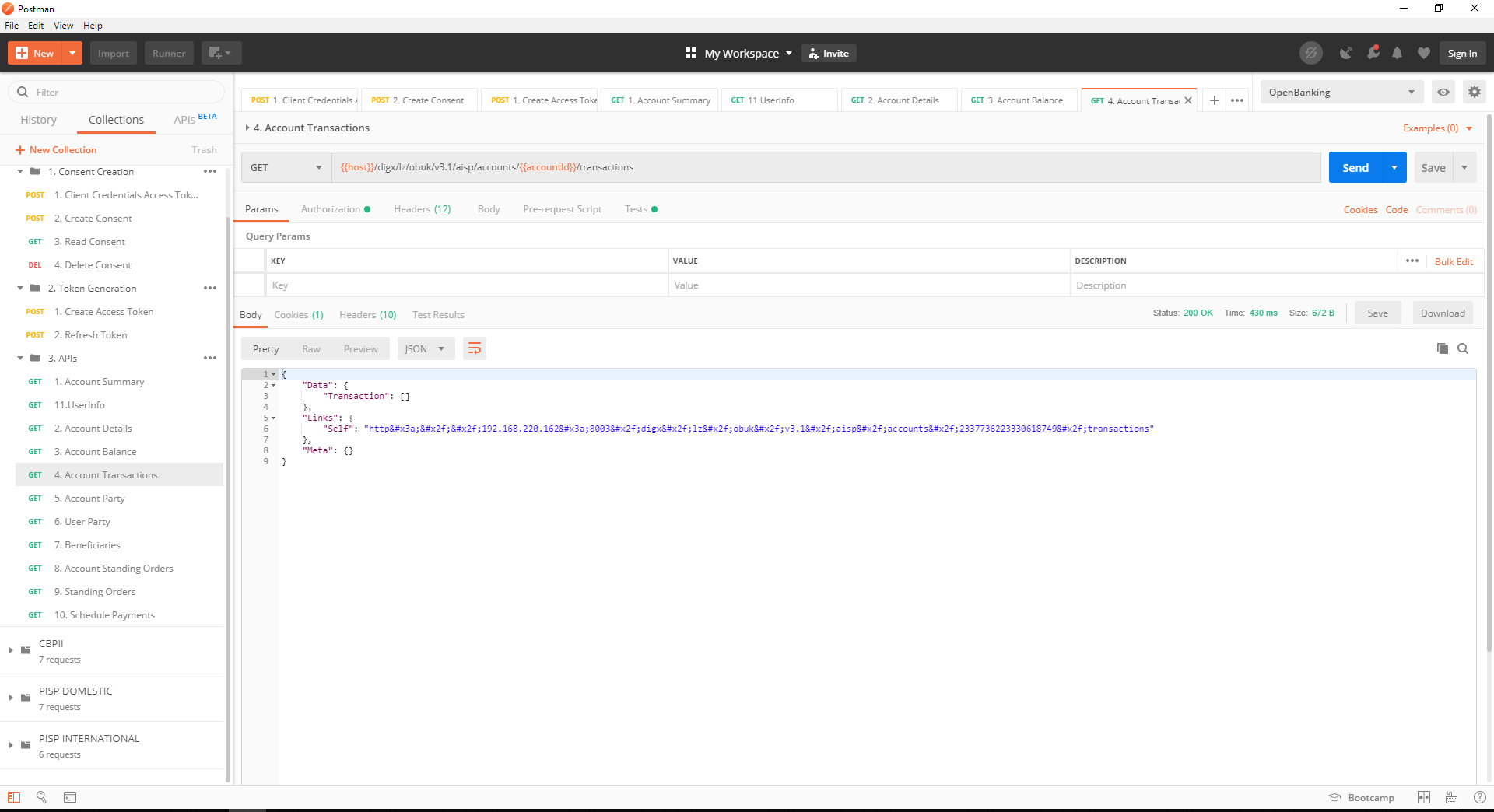
**4.Account Balance**

Delete cookies if there are any. Click Send.



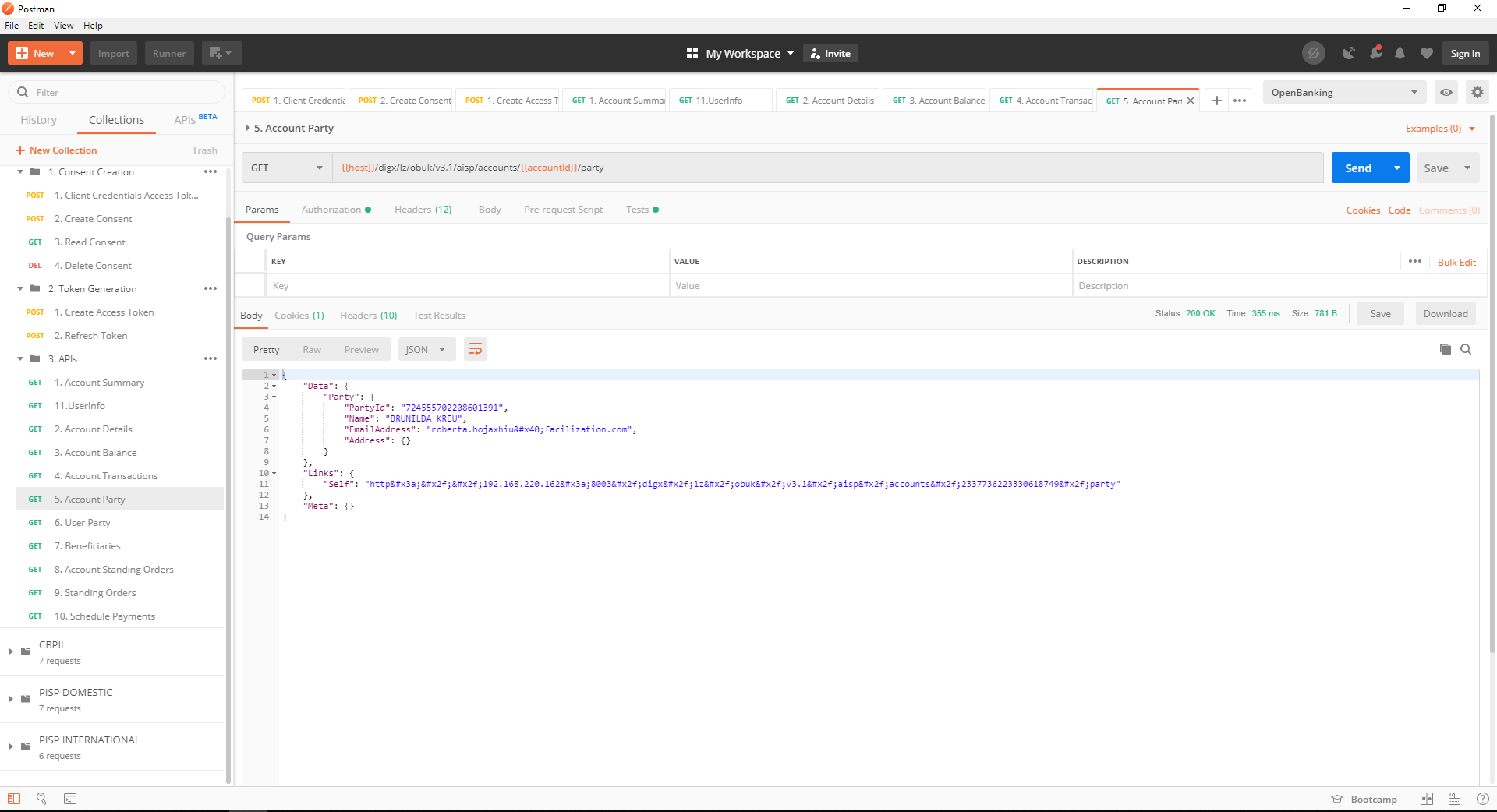
**5.Account Transactions**

Delete cookies if there are any. Click Send.



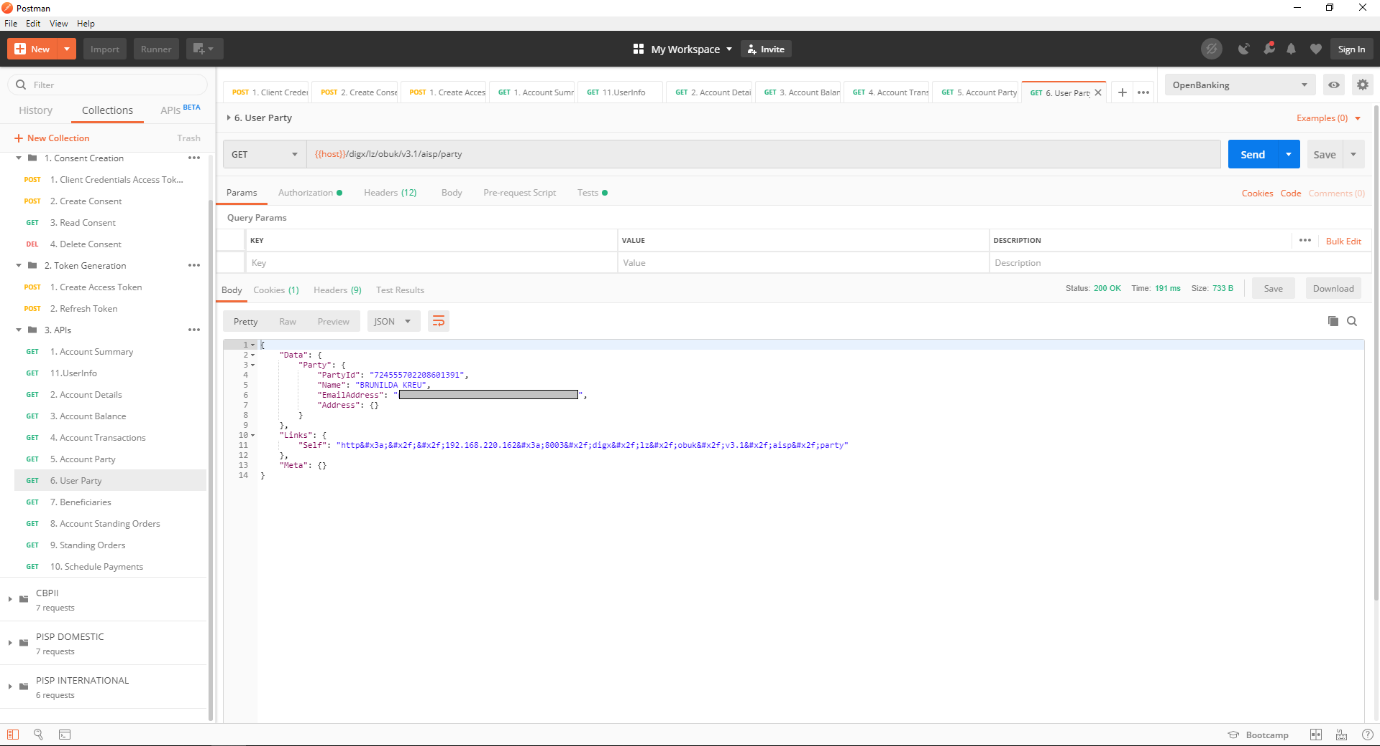
**6.Account Party**

Delete cookies if there are any. Click Send.



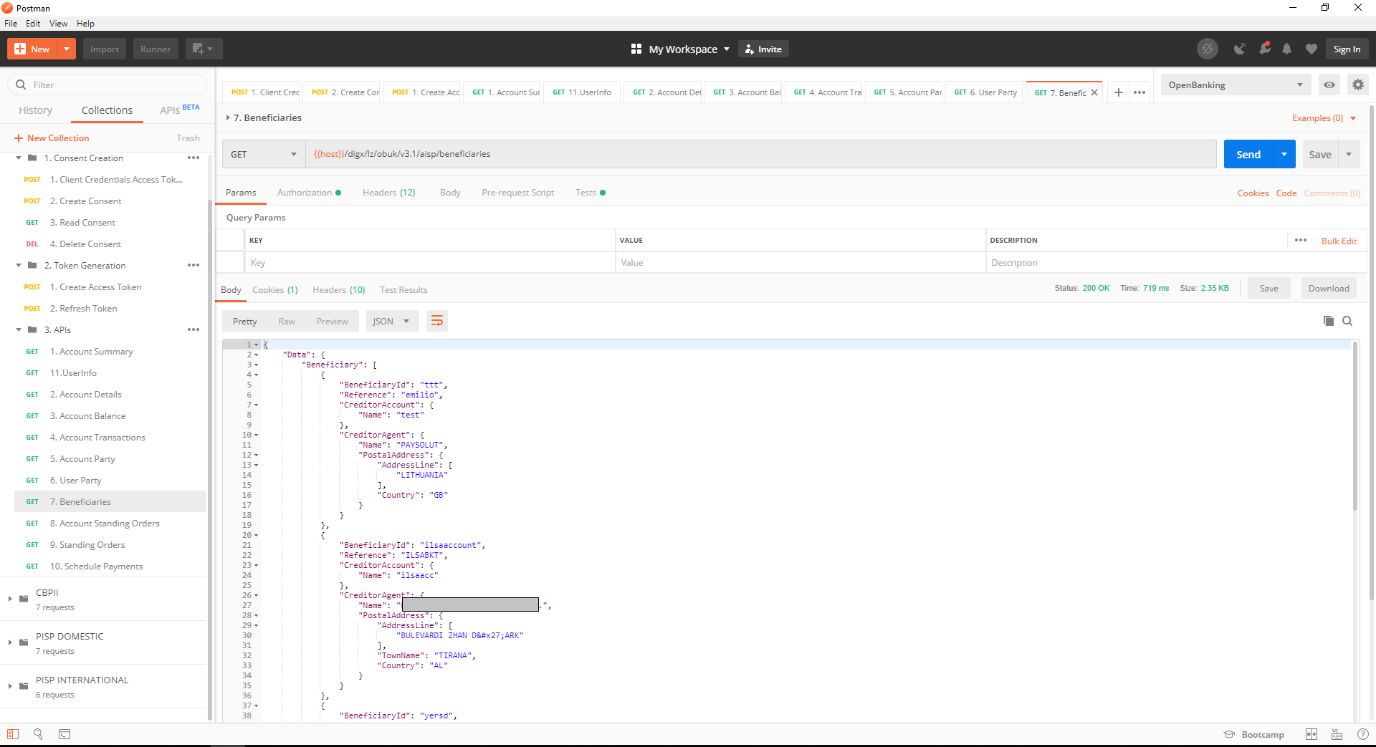
**7.User Party**

Delete cookies if there are any. Click Send.



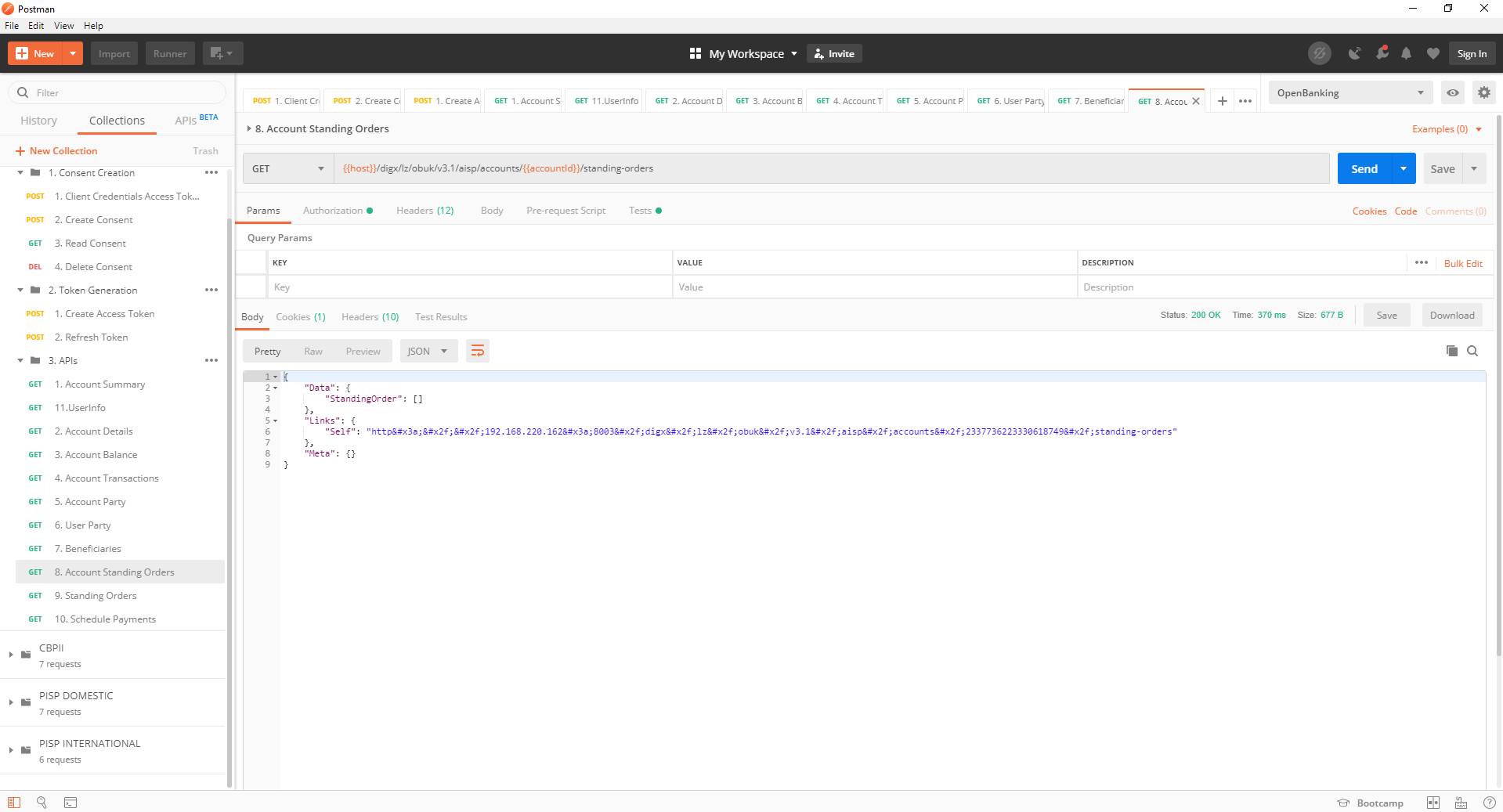
**8.Beneficiaries**

Delete cookies if there are any. Click Send.



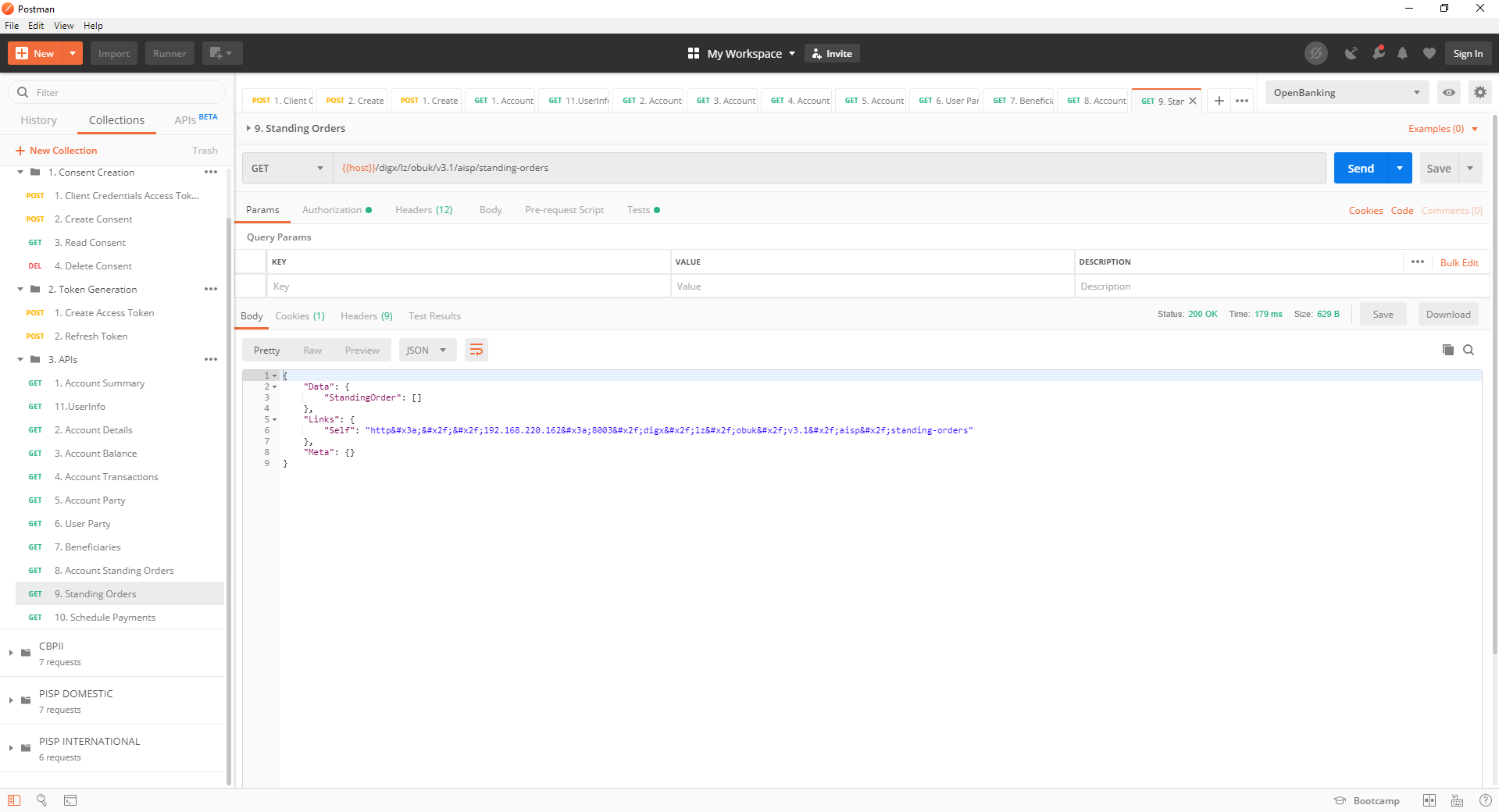
**9.Account Standing Orders**

Delete cookies if there are any. Click Send.



**10.Standing Orders**

Delete cookies if there are any. Click Send.



**11.Schedule Payments**

Delete cookies if there are any. Click Send.

