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## DenizBank AG PSD2 APIs

### 1)Create Consent

Header part of method will be filled in like below.

Create Consent API works with role information of AIS, PIS and both AIS &PIS certificates.

It will return error for invalid/expired certificate and certificate without role information.

POSThttps://openbankinguat.denizbank.at/api/v1/consents

Params

Authorization

Headers (14)

Body

Pre-request Script

Tests

Settings

Headers

8 hidden

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> TPP-Signature-Certificate		
<input checked="" type="checkbox"/> TPP-Redirect-URI	https://google.com?test=xyz	
<input checked="" type="checkbox"/> X-Request-ID	3123fdfsaaa	
<input checked="" type="checkbox"/> TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/> PSU-IP-Address	12.12.12.12	

Body part of method will be filled in like below sample.

```
1  {
2    "access": {
3      "accounts": [],
4      "balances": [],
5      "transactions": []
6    },
7    "recurringIndicator": true,
8    "validUntil": "2024-03-03",
9    "frequencyPerDay": 1,
10   "combinedServiceIndicator": false
11 }
```

We support Bank Offered Consent.

validUntil value indicates the expire date of consent.

frequency per day value indicates the maximum number of calls without active PSU by TPP for account services. Default allowed number of calls is 4 in order to be comply with regulation.

The differentiate between active/not active customer existences is made by looking at whether PSU-IP-Address field is empty or not.

recurringIndicator field value indicates either the consent is for recurring access to the account data or the consent is for one access to the account data.

combinedServiceIndicator value can be only false.

### Response:

```
{
  "consentId": "baa16395-58c8-4e9e-885a-2bddd8555188",
  "consentStatus": "received",
  "_links": {
    "scaOAuth": {
      "href": "https://openbankinguat.denizbank.at/oauth/.well-known/oauth-authorization-server"
    }
  }
}
```

We expect TPP to access the url in ScaOAuth for Authorization server configuration and metadata informations.

## 2)Get Consent

The header part of method will be filled like below.

Consent Id value is given as a parameter value.

GEThttps://openbankinguat.denizbank.at/api/v1/consents/a09ae616-a928-485c-958c-b49fb6351308

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Headers

6 hidden

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	X-Request-ID	3213fdfdf	
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	Authorization	Bearer 78yYPYSmQCHHv754eC0IMmAwWBjPNy-i4elnKZ-NSNNkpaMUYBMfC...	
	Key	Value	Description

### Response

```
{
  "access": {
    "accounts": [
      {
        "iban": "DE48500307004207019550"
      }
    ],
    "balances": [
      {
        "iban": "DE48500307004207019550"
      }
    ],
    "transactions": [
      {
        "iban": "DE48500307004207019550"
      }
    ]
  },
  "validUntil": "2023-08-10T00:00:00",
  "recurringIndicator": true,
  "frequencyPerDay": 1,
  "lastActionDate": "2023-07-10T00:41:39",
  "consentStatus": "valid"
}
```

### 3)Get Consent Status

Header part of method will be filled like below.

GET ▼ <https://openbankinguat.denizbank.at/api/v1/consents/2f167ec5-bc64-42d3-b889-4d55a7f5bd51/status>

Params Authorization **Headers (10)** Body Scripts Settings

Headers 7 hidden

	Key	Value	Description	...	Bulk I
<input checked="" type="checkbox"/>	X-Request-ID	3213fdfdf			
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5			
<input checked="" type="checkbox"/>	TPP-Signature-Certificate				
	Key	Value	Description		

### Response

**Body** Headers (7)

Pretty Raw Preview JSON ▼

```
1  {
2    "consentStatus": "valid"
3  }
```

consentStatus will be below values:

- Received
- Expired
- Valid

### 4)Delete Consent

Consent ID is given as a parameter. As a response method will return no content for successful delete operation.

DELETE ▼ <https://openbankinguat.denizbank.at/api/v1/consents/baa16395-58c8-4e9e-885a-2bdd8555188>

Params Authorization **Headers (10)** Body Pre-request Script Tests Settings

Headers 6 hidden

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	X-Request-ID	3213fdfdf	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/>	Authorization	Bearer fWXCrb7SJ9yn96Hg5MTgqsGAFE-nuRZE4oYrv4fbbku1bgnVAzZtklrSNwc	
	Key	Value	Description

### 5) Get Authorization Server MetaData

EndPoint Uri: (No request header, or body required.)

GET ▼ <https://openbankinguat.denizbank.at/oauth/.well-known/oauth-authorization-server>

## Response:

```
{
  "issuer": "https://openbankinguat.denizbank.at",
  "authorization_endpoint": "https://openbankinguat.denizbank.at/authorize",
  "token_endpoint": "https://openbankinguat.denizbank.at/token",
  "response_types_supported": [
    "code",
    "code token"
  ]
}
```

## 6)Get Authorization Request

The query parameters of method will be filled like below.

GET

https://openbankinguat.denizbank.at/authorize?response\_type=code&client\_id=8000000000000008&state=statetttt&scope=AIS%3a0fb4475e-aebc-4f7e-a64c-378f9eac9719&redirect\_uri=https://google.com?test=xyz&code\_challenge=s22&code\_challenge\_method=plain

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> response_type	code	
<input checked="" type="checkbox"/> client_id	8000000000000008	
<input checked="" type="checkbox"/> state	statetttt	
<input checked="" type="checkbox"/> scope	AIS%3a0fb4475e-aebc-4f7e-a64c-378f9eac9719	
<input checked="" type="checkbox"/> redirect_uri	https://google.com?test=xyz	
<input checked="" type="checkbox"/> code_challenge	s22	
<input checked="" type="checkbox"/> code_challenge_method	plain	

## Response http Code:

 Status: 302 Found

This endpoint redirects the TPP to page of DenizBank AG Internet Banking in order to get consent from PSU. SMS or push TAN verification is performed during the login and transaction confirmation stages. You can see examples of SMS TAN below.

UAT Customer Number:10251 can be used in order to login.

Password: m3104

DenizBank AG

DE EN TR

PRIVAT GEMEINSCHAFT FIRMA

Login (Kundennummer)

Passwort

WEITER

Die DenizBank AG ist seit 2019 Mitglied der Emirates NBD Gruppe.

Mehr Infos

ENBD DenizBank AG

smsTAN: EINFACH, SICHER UND BEQUEM

DenizMobile

Alle Informationen zum sicheren TAN-System der Einfache Bedienung trifft modernes Design

powered by intertech

Login Page

DenizBank AG

DE EN TR

Aufgrund gesetzlicher Anforderungen ist bei Login auch eine smsTAN erforderlich.

Bitte geben Sie die smsTAN ein, die Ihnen an Ihre Mobilnummer 53\* \*\*\*\*\*681 gesendet wurde.

smsTAN

WEITER

Die DenizBank AG ist seit 2019 Mitglied der Emirates NBD Gruppe.

Mehr Infos

ENBD DenizBank AG

smsTAN: EINFACH, SICHER UND BEQUEM

DenizMobile

Alle Informationen zum sicheren TAN-System der Einfache Bedienung trifft modernes Design

powered by intertech

SMS Tan Page

SMS OTP:123456

## Consent Confirmation IB Pages:

**Gizem Test**

**Mit der Verknüpfung erlauben Sie:**

Gültig bis 10.8.2023 00:00:00

**Konto/Konten auswählen**

☐ AT161965004010251550  
TEST - 52.225,86 EUR

Sie erlauben Gizem Test die Umsatzabfrage, Saldoabfrage bis 10.8.2023 00:00:00.  
Die Erlaubnis ist 1 Tage gültig.

AbbrechenWeiter

### Account Selection Page

**Gizem Test**

**With the Link You Allow:**

Validity Date 10.8.2023 00:00:00

**Select Account/Accounts**

☐ AT161965004010251550  
TEST - 52.225,86 EUR

You will allow Gizem Test to access your account/s until 10.8.2023 00:00:00.  
This permission will be valid for 1 days.

CancelContinue

### Account Selection Page English Version

## Payment Confirmation IB Pages:

**Gizem Test**

**With the Link You Allow:**

The order containing the details mentioned below will be paid after your confirmation.

**Debtor Account:** AT161965004010251550  
**Amount:** 12,00 EUR  
**Creditor Bank:** ZIRAAT BANK International  
**Creditor Name:** Jean  
**Explanation:** www.amazon.de

CancelContinue

### Confirmation of Payment

**Gizem Test**

**With the Link You Allow:**

The order containing the details mentioned below will be paid after your confirmation.

**Debtor Account:** AT161965004010251550  
**Amount:** 12,00 EUR  
**Creditor Bank:** ZIRAAT BANK International  
**Creditor Name:** Jean  
**Explanation:** www.amazon.de

Security Code is for one time use only and valid only for 3 minutes.  
Please enter the security code.

02 : 50

### SMS Tan Page Confirmation of Payment

google.com.tr/?code=EgwybW77uEWQ3Ci0ztVEqctb7X8XpAwfpxYryGJHCQ9hfDLoHUJE-xxHmRN\_L...

Gmail Görseller Oturum aç

Google

Google'da Ara Kendimi Şanslı Hissediyorum

Google'i kullanabileceğiniz diğer diller: [English](#)

### TTP redirection page

URL in browser will be updated by automatically and page will be redirected to TPP's given redirect link address.

[https://www.google.com.tr/?code=m9lkKgO1cwrmbj5jlpNcWf1VAL9-zrZOZ3k4dhTrB4-PmY4yEi-GrOp0BiAj\\_MUboIWjpZT-WOrNqg5EbYD\\_HXp\\_45nrKJARplf6LGLUrfxDyeh89g0CgrPT8B4ROITsoV-bOGAuLgHGlivdvqT0V3LJVGt3jsqchsbA3Yfor5BdHpSuPGqSZjwZKImH\\_QkP0;HbfVfAXrkyGsi6s6EiURvg2&state=null](https://www.google.com.tr/?code=m9lkKgO1cwrmbj5jlpNcWf1VAL9-zrZOZ3k4dhTrB4-PmY4yEi-GrOp0BiAj_MUboIWjpZT-WOrNqg5EbYD_HXp_45nrKJARplf6LGLUrfxDyeh89g0CgrPT8B4ROITsoV-bOGAuLgHGlivdvqT0V3LJVGt3jsqchsbA3Yfor5BdHpSuPGqSZjwZKImH_QkP0;HbfVfAXrkyGsi6s6EiURvg2&state=null)

### 7) Access Token

PSU login the URL that return from successful triggering of Create Consent and Create Payment methods. Authorize code value will obtain by getting confirmation of consent and payment steps. The authorize code value will be set in code field in access token method.



Client Id value that is obtained by creating an application on the API portal will set in request as shown below.

Consent Id/Payment Id value set in request\_id field.

Produced access token for consent has default 1 hour , payment token has 1 day validity. After validity time, the access token will be expired. Access token can be renew with refresh\_token action below.

<https://www.google.com.tr/?code=zmqkNtJ4XhzLFNvfF1jXOygCg9f9ehDjXzrbxMiZNJ0skisUrMYsCfON1PC6OyrJeukGI5B2hhM3PK1idbwgqn7uJ6g1yav7V3PzKMYFI-82crVRpHlw917bWNtXdf5mhAJGxboGGEbIP IEg2fyWRGmMk7qNbVT1L6ALTr3yfiSC1aOLpdpFKtcpQDFRTR20;ySwrxMrSEwMzrIO0SRxyNg2&state=null>

Header part of method will be filled like below.

POST

https://openbankinguat.denizbank.at/token?code=K13V3OGOjqrTtHf0C3trYJ19c\_q8c0WQlr7KUo3TbP0wpLLQFGshJzQBxmd1VcraFjCuOjOxi1BoGOnichA-mTIDJ4NgmkzB2k0ANsgNUGQ5H0JIDki

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Headers

7 hidden

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	X-Request-ID	9dce13a2-6496-4fad-8a42-d84d8d04f7f8	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	

## Request Parameters:

POST

https://openbankinguat.denizbank.at/token?code=-ROXQj7k8fnG5TZZ65SXUTH0KTOPisDX5dwE4TckhVSCR-m2kiRajdGwWdr0ZtZfvluz51wpZPr...

Try

Params

Headers (4)

Body

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> code	-ROXQj7k8fnG5TZZ65SXUTH0KTOPisDX5dwE4Tckh...			
<input checked="" type="checkbox"/> code_verifier	s22			
<input checked="" type="checkbox"/> grant_type	authorization_code			
<input checked="" type="checkbox"/> client_id	8000000000000008			
<input checked="" type="checkbox"/> redirect_uri	https://google.com/?test=xyz			
Key	Value	Description		

Body

Headers (9)

Status Code

200 OK

Pretty

Raw

Preview

JSON

```
1
2  "access_token":
3    "1iJ1s71Lhk23pKV80RMqEZJxMYjmHvbc-q70yzNlWeB0moASCaAoF5thYJKp8WlyZh6ebkQ54yLASwzJL0KNAVRDcdwexDVpmSAqAQdDe-xE8teVw2btJH78cRqtGejgsLh
4    IWRALzwF1T-0IueHxsXGKI8ylax6V6Ebug1bozUVFTtBUuzZPtQVZitNCZPv0;96y4799Jlc9UkQ5ho8L4Jg2",
5  "token_type": "Bearer",
6  "expires_in": 3599,
7  "scope": "ais:5ec4afdb-d019-4a1a-8d60-71fda151f5d0",
  "refresh_token":
    "hqXkQGbRm1XaN-DJKD01jdScMIfe9v1L6s3PfdvA8wzvy_zzbXgqXeFQ-UiQRcCQ0z0av6G8SBV5nQ2Ku1o7dvHGMP_KVy0ZwUtFfAf4b8vWIBw0keNnnhFXgk6P5Pbh0;
    96y4799Jlc9UkQ5ho8L4Jg2"
```

<https://www.google.com.tr/?code=-jiwhK1SjkrTyN7NpCVtzrBVEcNHrxWx20Dy3W6izkBK8xxAoTuOmJ9ulqoxfuAtaAN6Rxbllqg8jRvQxObjTOJlCyJN4uC6diwcgiW5eaN3OOeKOIGbbPLtuluBH dWvTln8il5ZoSyRQsHti3VdRRcAuCG6MqYqfUWk0GudOmJF1299rvCnYWx4dSTQJWf-0;uuLvGTOBlZqUqygZ7KQKOA2&state=null>

"access\_token":  
"ggBXe\_F070yHlxIRJYqKUQydXWshFQDcUZ\_96SChgjjXvRkDUU3ZQ2uGZDahfEwKCi5HKgu3K0gAkyah

rwwloGKGZcy4lqZhrQj5w0gTO8JpRaSbSJ-\_ygXS\_VT2NS1jnco0AapRC-00Oct9NNKMx6tbyHeWCzrnXdcDn8n4GxaW-o\_cYwfb26zVKRZ4rFGiH0;IUyRF8HCICRdCaAnDITS6g2",

"token\_type": "Bearer",

"expires\_in ": 3901618,

"scope": "bb425668-f4f7-4455-bab3-2ca959914f89",

"refresh\_token": "hqXkQGbRm1XaN-DJKD0IjdScMIfE9v1L6s3PfdvA8wzvy\_zybXgqXeFQ-UiQRcCCQOz0av6G0SBV5nQ2Ku1o7dvHGMP\_KVy0ZwUtFfAf4b8vWIBwOkeNnnhFXgkGP5Pbh0;96y4799Jlc9UkQ5hoBL4Jg2"

## 8)Access Token Via Refresh Token

It ensures the renewal of the expired access token. The refresh token duration is up to the period defined by the PSU for AIS, and 50 days for PIS. (This duration is parametric and can be changed by business units.) If the refresh token has expired, it will throw an error.

Header part of method will be filled like below.

POST

https://openbankinguat.denizbank.at/token?code=K13V3OGOJqrThiF0C3tRyJ19c\_q8c0WQlr7KUo3TbP0wpLLQFGshJzQBxmd1VcraFjCuOjOxi1BoGOnichA-mTIDJ4NgmkzB2k0ANsgNUGQ5H0JIDkl

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Headers

7 hidden

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	X-Request-ID	9dce13a2-6496-4fad-8a42-d84d8d04f7f8	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	

## Request Parameters:

POST

▼

https://openbankguat.denizbank.at/token?grant\_type=refresh\_token&client\_id=8000000000000008&redirect\_uri=https://google.com?test=xyz&re...

Send ▼

Params

Authorization

Headers (11)

Body

Pre-request Script

Tests

Settings

Cookies

Query Params

<input checked="" type="checkbox"/>	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	grant_type	refresh_token			
<input checked="" type="checkbox"/>	client_id	8000000000000008			
<input checked="" type="checkbox"/>	redirect_uri	https://google.com?test=xyz			
<input checked="" type="checkbox"/>	refresh_token	hqXkQGbRm1XaN-DJKD0IjdScMIfE9v1L6s3PfdvA8wzvy...			
	Key	Value	Description		

## 9)Get Account

Header part of method will be filled like below.

GET

▼

https://openbankinguat.denizbank.at/api/v1/accounts

Params

Authorization

Headers (11)

Body

Pre-request Script

Tests

Settings

Headers

6 hidden

	KEY	VALUE
<input checked="" type="checkbox"/>	X-Request-ID	3213fdfdf
<input checked="" type="checkbox"/>	TPP-Signature-Certificate	
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5
<input checked="" type="checkbox"/>	Consent-ID	a09ae616-a928-485c-958c-b49fb6351308
<input checked="" type="checkbox"/>	Authorization	Bearer 78yYPYSmQCHHv754eC0IMmAwWBjPNy-i4elnKZ-NSNNkpaMUYBMfC...

## Response

```

{
  "accounts": [
    {
      "resourceId": "TFMwNDQzTG10MUJDaDB1eVBRMkE4QT09",
      "iban": "DE48500307004207019550",
      "currency": "EUR",
      "name": "TEST",
      "product": "MGBA"
    }
  ]
}

```

## 10)Get Account Detail

Header part of method will be like below

GEThttps://openbankinguat.denizbank.at/api/v1/accounts/a1pDNXlubnpCVETjV3RmbINxNTB1UT09

Params

Authorization

Headers (11)

Body

Pre-request Script

Tests

Settings

Headers

6 hidden

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	X-Request-ID	3213fdfdf	
<input checked="" type="checkbox"/>	Authorization	Bearer 78yYPYSmQCHHv754eC0IMmAwWBjPNy-i4elnKZ-NSNNkpaMUYBMfC...	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	Consent-ID	a09ae616-a928-485c-958c-b49fb6351308	
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	

## Response

```

{
  "account": {
    "resourceId": "TFMwNDQzTG10MUJDaDB1eVBRMkE4QT09",
    "iban": "DE48500307004207019550",
    "currency": "EUR",
    "name": "TEST",
    "product": "MGBA"
  }
}

```

## 11)Account Transactions

Header part of method will be like below

GET	https://openbankinguat.denizbank.at/api/v1/accounts/a1pDNXlubnpCVetjV3RmbINxNTB1UT09/transactions?bookingStatus=booked		
Params	Authorization	Headers (11)	Body
Pre-request Script	Tests	Settings	
Headers	6 hidden		
KEY	VALUE	DESCRIPTION	
<input checked="" type="checkbox"/> TPP-Application-Code	ABC5		
<input checked="" type="checkbox"/> TPP-Signature-Certificate			
<input checked="" type="checkbox"/> Consent-ID	a09ae616-a928-485c-958c-b49fb6351308		
<input checked="" type="checkbox"/> Authorization	Bearer 78yYPYSmQCHHv754eC0IMmAwWBJPNy-i4elnKZ-NSNNkpaMUYBMFC...		
<input checked="" type="checkbox"/> X-Request-ID	3213fdfdf		

If you do not set date interval as parameter, the method will return records of last 7 days.

KEY	VALUE
<input checked="" type="checkbox"/> dateFrom	2020-08-01
<input checked="" type="checkbox"/> dateTo	2022-08-20
Key	Value

## Response:

Body	Headers (8)	Status
Pretty	Raw	Preview
JSON		
<pre> 1  { 2    "account": { 3      "iban": "AT161965004010251550", 4      "currency": "EUR" 5    }, 6    "transactions": { 7      "booked": [ 8        { 9          "transactionId": "440", 10         "bookingDate": "2024-03-04T21:54:47", 11         "transactionAmount": { 12           "currency": "EUR", 13           "amount": 1000 14         }, 15         "remittanceInformationUnstructured": "Festgeldrückzahlung. 17-10251-363 (Transaktion : Auszahlung)", 16         "balanceAfterTransaction": { 17           "currency": "EUR", 18           "amount": 19255664 19         }, 20         "channel": "Other" 21       ] 22     }, 23     "_links": { 24       "account": { 25         "href": "https://openbankinguat.denizbank.at/api/v1/accounts/a1pDNXlubnpCVetjV3RmbINxNTB1UT09" 26       } 27     } 28   } 29 }</pre>		

## 12) Account Balance

Header part of method will be like below

GEThttps://openbankinguat.denizbank.at/api/v1/accounts/a1pDNXlubnpCVetjV3RmbINxNTB1UT09/balances

Params

Authorization

Headers (12)

Body

Pre-request Script

Tests

Settings

Headers

6 hidden

	KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/>	Consent-ID	a09ae616-a928-485c-958c-b49fb6351308	
<input checked="" type="checkbox"/>	X-Request-ID	9dce13a2-6496-4fad-8a42-d84d8d04f7f8	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/>	Authorization	Bearer 78yYPYSmQCHHv754eC0IMmAwWBjPNy-i4elnKZ-NSNNkpaMUyBMfC...	
<input checked="" type="checkbox"/>	PSU-IP-Address	12.12.12.12	

## Response:

```

1  {
2    "account": {
3      "iban": "DE48500307004207019550",
4      "currency": "EUR"
5    },
6    "balances": [
7      {
8        "balanceAmount": {
9          "currency": "EUR",
10         "amount": 0.26
11       },
12       "balanceType": "interimBooked",
13       "referenceDate": "2023-07-10T01:30:13.4105663+02:00"
14     }
15   ]
16 }

```

## 13)Confirmation of Fund

Confirmation of Fund method will be triggered by certificate with having PIS and both AIS&PIS role information.

Headers and Params will be filled like below.

The value send in amount field and account balance will be compared.

POST

https://openbankinguat.denizbank.at/api/v1/funds-confirmations

Send

Params

Authorization

Headers (14)

Body

Pre-request Script

Tests

Settings

Cook

<input checked="" type="checkbox"/> Connection	keep-alive	
<input checked="" type="checkbox"/> TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/> X-Request-ID	71e98fd5-0aa7-477a-bc5d-486d8dda8...	
<input checked="" type="checkbox"/> TPP-Signature-Certificate	MIEVzCCA6egAwIBAgIUbnXNfMDC1ro/n...	
<input checked="" type="checkbox"/> PSU-IP-Address	dhhhdh3421	

body

Cookies (2)

Headers (9)

Test Results

200 OK 1599 ms 533 B

Save as example

Pretty

Raw

Preview

Visualize

JSON

```

1  {
2    "fundsAvailable": true
3  }

```

## Request Body:

**POST** ▼ <https://openbankinguat.denizbank.at/api/v1/funds-confirmations>

Params Authorization Headers (16) **Body** ● Pre-request Script Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL **JSON** ▼

```
1 {
2   "account": "
3   "iban": "DE48500307004207019550"
4   ,
5   "instructedamount": {
6     "amount": "100",
7     "currency": "EUR"
8   }
9 }
```

Response will return as True/False.

## 14) Create Payment

### Sepa Credit Transfer

Header field of method will be filled like below.

**POST** ▼ <https://openbankinguat.denizbank.at/api/v1/payments/sepa-credit-transfers>

Params Authorization **Headers (13)** **Body** ● Pre-request Script Tests Settings

Headers 8 hidden

	KEY	VALUE	DESCRIPT
<input checked="" type="checkbox"/>	X-Request-ID	3123fdfsaaa	
<input checked="" type="checkbox"/>	TPP-Redirect-URI	https://google.com	
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	PSU-IP-Address	12.12.12.12	

## Request Body:

```
1 {
2   "debtorAccount": {
3     "iban": "AT161965004010251550",
4     "currency": "EUR"
5   },
6   "instructedAmount": {
7     "amount": "13",
8     "currency": "EUR"
9   },
10  "creditorAccount": {
11    "iban": "DE02512207000906409427",
12    "currency": "EUR"
13  },
14  "creditorName": "Jean",
15  "creditorAddress": {
16    "streetname": "street",
17    "townname": "city",
18    "postcode": "15150",
19    "country": "BE"
20  },
21  "remittanceInformationUnstructured": "www.amazon.de",
22  "requestedExecutionDate": "2024-03-30"
23 }
```

Payment ID and URL will be returned as response

```
{
  "paymentId": "44cb954d-a9b3-4cb8-a253-8a5955c558ad",
  "transactionStatus": "RCVD",
  "_links": {
    "scaOAuth": {
      "href": "https://openbankinguat.denizbank.at/oauth/.well-known/oauth-authorization-server"
    }
  }
}
```

We expect TPP to access the url in ScaOAuth for Authorization server configuration and metadata informations.

## 15) Create Periodic Payment

### Periodic Sepa Credit Transfer

**POST** <https://openbankinguat.denizbank.at/api/v1/periodic-payments/sepa-credit-transfers>

Params Authorization **Headers (16)** Body ● Pre-request Script Tests Settings

Headers 10 hidden

	Key	Value	Description
<input checked="" type="checkbox"/>	X-Request-ID	3123dfdsaaa	
<input checked="" type="checkbox"/>	TPP-Redirect-URI	https://google.com	
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate	MIIEvzCCA6egAwIBAgIUbXNfMDC1ro/nCnzxRDJzDg...	
<input checked="" type="checkbox"/>	PSU-IP-Address	address	
<input checked="" type="checkbox"/>	Is-SandboxKonsentus	1	
	Key	Value	Description

### Periodic Sepa Request Body:

```
1  {
2    "debtorAccount": {
3      "iban": "AT161965004010251550",
4      "currency": "EUR"
5    },
6    "instructedAmount": {
7      "amount": 13,
8      "currency": "EUR"
9    },
10   "creditorAccount": {
11     "iban": "DE02512207000906409427",
12     "currency": "EUR"
13   },
14   "creditorName": "Jean",
15   "creditorAddress": {
16     "streetname": "street",
17     "townname": "city",
18     "postcode": 15150,
19     "country": "BE"
20   },
21   "remittanceInformationUnstructured": "www.amazon.de",
22   "startDate": "2024-02-08",
23   "endDate": "2024-03-08",
24   "frequency": 1,
25   "executionRule": "following",
26   "dayOfExecution": "01"
27 }
```

Payment ID and URL will be returned as response

```
1 {
2   "paymentId": "ada81506-06ea-4142-b0bd-4ddde054fd7a",
3   "transactionStatus": "RCVD",
4   "_links": {
5     "scaOAuth": {
6       "href": "https://openbankinguat.denizbank.at/oauth/.well-known/oauth-authorization-server"
7     }
8   }
9 }
```

## 16) Get Payment Status

Header field of method will be filled like below.

Payment ID value and transactionStatus which based on ISO20020 format will return as response.


GET ▼ https://openbankinguat.denizbank.at/api/v1/payments/sepa-credit-transfers/53fa9047-b9d6-44a2-a5bc-33cc3b82d6a5/status

Params Headers (3) Body

Headers

	Key	Value	Description
<input checked="" type="checkbox"/>	X-Request-ID	3123dfdsaa	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	TPP-Application-Code	AMAZON	
	Key	Value	Description

Body Headers (9)

Pretty Raw Preview JSON ▼ 

```
1 {
2   "transactionStatus": "PDNG"
3 }
```


GET ▼ https://openbankinguat.denizbank.at/api/v1/periodic-payments/sepa-credit-transfers/53fc4c42-01de-4295-ba74-552f031aefbf/status

Params Headers (3) Body

Headers

	Key	Value	Description
<input checked="" type="checkbox"/>	X-Request-ID	3123dfdsaa	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate		
<input checked="" type="checkbox"/>	TPP-Application-Code	AMAZON	
	Key	Value	Description

Body Headers (9)

Pretty Raw Preview JSON ▼ 

```
1 {
2   "transactionStatus": "ACSC"
3 }
```



## 17) Get Payment

Header field of method will be filled like below.

GET

https://openbankinguat.denizbank.at/api/v1/payments/sepa-credit-transfers/44cb954d-a9b3-4cb8-a253-8a5955c558ad

Params

Authorization

Headers (10)

Body

Pre-request Script

Tests

Settings

Headers

6 hidden

	KEY	VALUE
<input checked="" type="checkbox"/>	X-Request-ID	3123dfdsaa
<input checked="" type="checkbox"/>	TPP-Signature-Certificate	
<input checked="" type="checkbox"/>	Authorization	Bearer wTvQu5BmEjP07Ku9cJl_o7acvEEJC0cr86AkhU_wZUrR8JxgpCz4KCKGlzn
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5

### Response:

Body	Headers (8)	Status Code	200 OK
Pretty	Raw	Preview	JSON
<pre>1  { 2    "creditorAccount": { 3      "iban": "DE02512207000906409427", 4      "currency": "EUR" 5    }, 6    "creditorAddress": { 7      "streetName": "street", 8      "buildingNumber": "", 9      "townName": "city", 10     "postCode": "15150", 11     "country": "BE" 12   }, 13   "creditorName": "Jean", 14   "debtorAccount": { 15     "iban": "AT161965004010251550", 16     "currency": "EUR" 17   }, 18   "instructedAmount": { 19     "currency": "EUR", 20     "amount": 10 21   }, 22   "remittanceInformationUnstructured": "www.amazon.de", 23   "transactionStatus": "ACSC" 24 }</pre>			

## 18) Get Periodic Payment

Header field of method will be filled like below.

GET

https://openbankinguat.denizbank.at/api/v1/periodic-payments/sepa-credit-transfers/7d4f0c1e-4da1-4988-9b0d-1f772cad67aa

Params

Authorization

Headers (13)

Body

Pre-request Script

Tests

Settings

	Key	Value	Description
<input checked="" type="checkbox"/>	X-Request-ID	3123dfdsaa	
<input checked="" type="checkbox"/>	TPP-Signature-Certificate	MIIEVzCCA6egAwIBAgIUbnXNfMDC1ro/nCnzxRDJzD...	
<input checked="" type="checkbox"/>	Authorization	Bearer rBY31UwNjCnTgGeZboudnhHWa7yxtAbktV6...	
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5	
<input checked="" type="checkbox"/>	Is-SandboxKonsentus	1	

### Response:

```

1  {
2      "creditorAccount": {
3          "iban": "DE02512207000906409427",
4          "currency": null
5      },
6      "creditorAddress": {
7          "streetName": null,
8          "buildingNumber": "",
9          "townName": null,
10         "postCode": null,
11         "country": "BE"
12     },
13     "creditorName": "Jean",
14     "debtorAccount": {
15         "iban": "AT571965002707900003",
16         "currency": null
17     },
18     "instructedAmount": {
19         "currency": "EUR",
20         "amount": 4.0
21     },
22     "remittanceInformationUnstructured": "www.amazon.de",
23     "transactionStatus": "ACSC",
24     "requestedExecutionDate": "0001-01-01T00:00:00",
25     "startDate": "2024-02-08T00:00:00",
26     "endDate": "2024-03-08T00:00:00",
27     "frequency": "Weekly",
28     "dayOfExecution": "01"
29 }

```

## 19) Delete Payment

### Future Date Sepa Payment Delete

Headers and request parameters will be filled like below

DELETE

https://openbankinguat.denizbank.at/api/v1/payments/sepa-credit-transfers/d875f866-2849-4b17-96a2-54f9a86da168

Send

Params
Authorization
Headers (10)
Body
Pre-request Script
Tests
Settings

Cookies

Headers
6 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	X-Request-ID	3123fdfsaa				
<input checked="" type="checkbox"/>	TPP-Signature-Certificate					
<input checked="" type="checkbox"/>	Authorization	Bearer RZ2NrG3h42OLVTInfnVJ2K0_-RLO5O3vJrsDFN...				
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5				
	Key	Value	Description			

### Periodic Payment

Headers and request parameters will be filled like below

DELETE

https://openbankinguat.denizbank.at/api/v1/periodic-payments/sepa-credit-transfers/d2334212-2849-4b17-96a2-54f9a86da168

Send

Params
Authorization
Headers (11)
Body
Pre-request Script
Tests
Settings

Cookies

Headers
7 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	X-Request-ID	3123fdfsaa				
<input checked="" type="checkbox"/>	TPP-Signature-Certificate					
<input checked="" type="checkbox"/>	Authorization	Bearer RZ2NrG3h42OLVTInfnVJ2K0_-RLO5O3vJrsDFN...				
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5				
	Key	Value	Description			

## Future Date Cross Border Credit Transfer

Headers and request parameters will be filled like below

DELETE

https://openbankinguat.denizbank.at/api/v1/payments/cross-border-credit-transfers/d2334212-2849-4b17-96a2-54f9a86da168

Send

Params Authorization Headers (11) Body Pre-request Script Tests Settings Cookies

Headers 7 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	X-Request-ID	3123fdfsaa				
<input checked="" type="checkbox"/>	TPP-Signature-Certificate					
<input checked="" type="checkbox"/>	Authorization	Bearer RZ2NrG3h42OLVTInfnVJ2K0_-RLO5O3vJrsDFN...				
<input checked="" type="checkbox"/>	TPP-Application-Code	ABC5				
	Key	Value	Description			