

Oracle® Banking APIs

Berlin Group Open Banking Consent Management User Guide



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Contents

Preface

Purpose	v
Audience	v
Documentation Accessibility	v
Critical Patches	v
Diversity and Inclusion	vi
Conventions	vi
Related Resources	vi
Screenshot Disclaimer	vi
Acronyms and Abbreviations	vi

1 Open Banking Functional Overview

1.1 Open Banking functionality for Berlin Group standard	1-1
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2 Berlin Group Open Banking

2.1 TPP registration	2-1
2.2 Consent Management	2-1
2.2.1 Consent Capture	2-1
2.2.2 Consent Listing	2-4
2.2.3 Consent Revocation	2-4
2.3 Berlin Group APIs	2-5

3 References

4 List of Topics

Index

List of Figures

2-1	Berlin AISP Flow	2-2
2-2	AISP Consent Capture Screen - Berlin Spec	2-2
2-3	PISP Flow	2-3
2-4	PISP Consent Capture Screen - Berlin Spec	2-3
2-5	Manage Consent	2-4
2-6	Consent Details	2-5

Preface

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Related Resources](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

Purpose

This guide is designed to help acquaint you with the Oracle Banking APIs application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Audience

This document is intended for the following audience:

- Customers
- Partners

Documentation Accessibility

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Related Resources

For more information on any related features, refer to the following documents:

- [Oracle Banking APIs Installation Manuals](#)

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1 Acronyms and Abbreviations

Abbreviation	Description
OBAPI	Oracle Banking APIs

1

Open Banking Functional Overview

To read this document, understanding the following terms is important:

ASPSP – Account Service Payment Service Provider. Generally, these are the banks and other Financial Institutions that have the customer data

TPP – Third Party Provider. A player of the Open Banking ecosystem that gets data from the ASPSPs

AISP – Account Information Service Provider. It is a type of TPP

PISP – Payment Initiation Service Provider. It is a type of TPP

PSU – Payment Service User. These are the customers of ASPSPs

- [Open Banking functionality for Berlin Group standard](#)

1.1 Open Banking functionality for Berlin Group standard

As a part of this module, OBAPI supports the following features

1. TPP registration
2. Consent Management
 - a. Consent Capture
 - b. Consent Listing
 - c. Consent Revocation
3. Open Banking APIs

This document covers details of the above features and has references to other documents that contain more details on the topic.

2

Berlin Group Open Banking

- [TPP registration](#)
- [Consent Management](#)
- [Berlin Group APIs](#)

2.1 TPP registration

To enable Open Banking, TPP needs to register with OBDX. For this, the following steps are necessary:

- Identity Domain Maintenance
- Resource Server Maintenance
- Client Maintenance

For further information, please refer to the OBAPI Core manual at:

ORACLE BANKING APIS BASE → Core.pdf

Section Name: OAuth 2.0

2.2 Consent Management

- [Consent Capture](#)
- [Consent Listing](#)
- [Consent Revocation](#)

2.2.1 Consent Capture

OBAPI support APIs as well as UX for Payment Service User (PSU) consent capture for a request from a Third Party provider (TPP)

Prerequisite: TPP has registered with the ASPSP as a client to avail Berlin Standard Open Banking services.

AISP Flow:

1. During data request, TPP contacts ASPSP with their credentials
2. TPP also shares the list of accounts for which consent is needed
3. ASPSP then directly contacts PSU to acquire consent for sharing the data with the TPP
4. During this process, PSU sees the list of accounts that they have shared with TPP for consent capture
5. Once consent is given by the PSU to ASPSP, ASPSP generates an authorisation token and shares the same with the TPP
6. TPP uses this authorisation token and gets the access token from the ASPSP

7. TPP can use this access token to access customer's data for the specified time

Note:

In Berlin Group Spec, an Account is identified using the iBAN.

Figure 2-1 Berlin AISP Flow

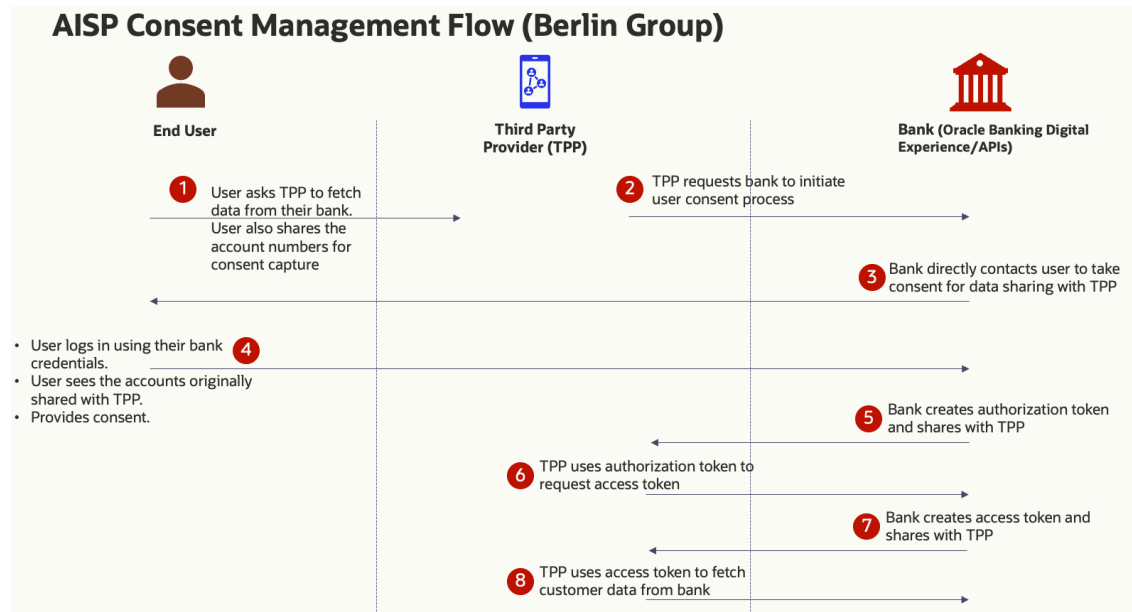
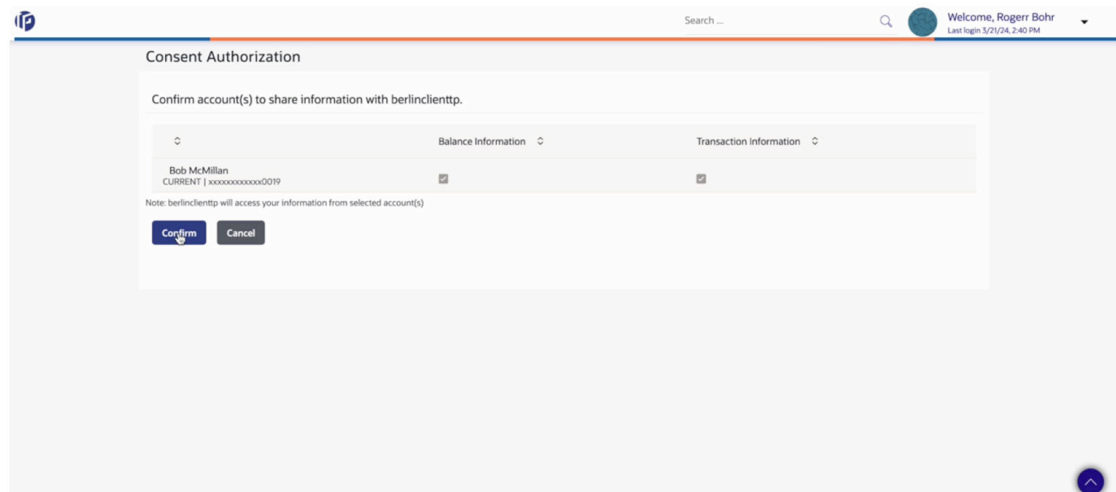


Figure 2-2 AISP Consent Capture Screen - Berlin Spec



PISP Flow:

1. During payment initiation request, TPP contacts ASPSP with their credentials and payment details. The payment details include the PSU account number from which the payment needs to be initiated.

2. ASPSP then directly contacts PSU to acquire consent for allowing payment initiation from their accounts.
3. During this process, the PSU sees the payment details including their ASPSP account number that they have entered in the TPP end.
4. Once consent is given by the PSU to ASPSP, ASPSP generates an authorisation token and shares the same with the TPP
5. TPP uses this authorisation token and gets the access token from the ASPSP
6. TPP uses this access token to initiate the payment

Figure 2-3 PISP Flow

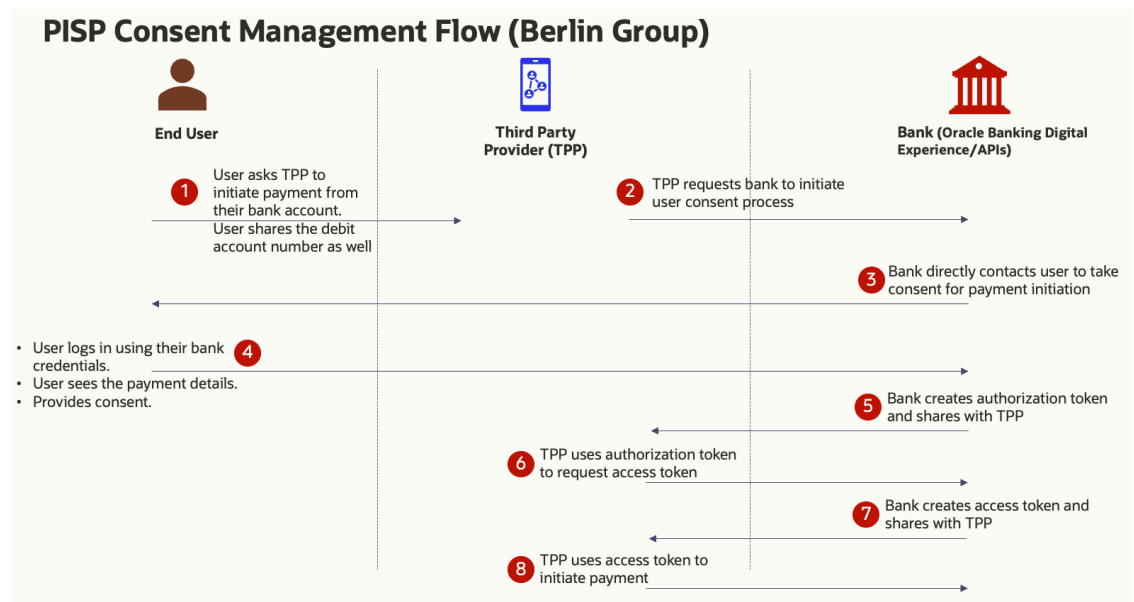
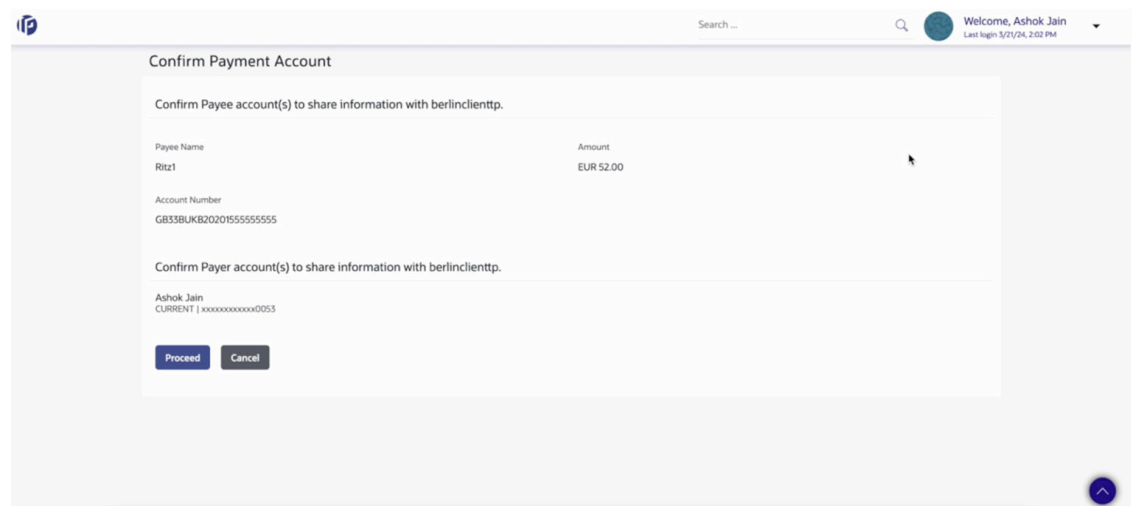


Figure 2-4 PISP Consent Capture Screen - Berlin Spec



2.2.2 Consent Listing

PSU can log in to the internet/ mobile banking application of the ASPSP and see the list of consents that they have provided to various TPPs.

Navigation Path:

From **Dashboard**, click **Toggle Menu**, then click **Menu** and then click **Account Settings**. Under **Account Settings**, select **Access & Consent**, then click **Manage Consents**

OR

From **Dashboard**, click **My Profile icon**, then click **Settings**. Under **Settings**, select **Access & Consent**, then click **Manage Consents**

Figure 2-5 Manage Consent

The screenshot shows a web application interface for managing consents. On the left is a navigation menu with options like 'Passwords & Security', 'Device Registration', 'Preferences', 'Access & Consent' (highlighted), and 'Alerts'. The main area is titled 'Manage Consents' and includes a search bar with 'Access Point: AIPISP' and a 'Search' button. Below the search bar, it indicates '336 Record(s)' and a 'Manage Columns' button. A table displays the following data:

Consent Id	Consent Type	Creation Date	Expiration Date
r3ggvuo2iap6fdd	Accounts	1/9/2023, 9:19 AM	12/30/2023, 12:00 AM
l2dtz8hd0l01kysy	Accounts	1/10/2023, 9:15 AM	12/30/2023, 12:00 AM
uma6p2l0548yxp04	Accounts	1/9/2023, 3:35 AM	12/31/2023, 12:00 AM
9sl1sdj5nt2vs26z	Accounts	1/9/2023, 9:03 AM	12/30/2023, 12:00 AM
ltbwch6tym6rddht	Accounts	1/9/2023, 9:05 AM	12/30/2023, 12:00 AM
y1f3chmlf16pyy5r	Accounts	1/11/2023, 4:09 AM	12/30/2023, 12:00 AM
giqaklqgnspvzez	Accounts	1/11/2023, 5:07 PM	12/30/2023, 12:00 AM
ep4rpcb7qys87y7g	Accounts	1/12/2023, 4:46 AM	12/30/2023, 12:00 AM
bkjlnr5lfzpbftli	Accounts	1/12/2023, 5:38 AM	12/30/2023, 12:00 AM
jcnoy8l8rkue4d5	Accounts	1/12/2023, 6:29 AM	12/30/2023, 12:00 AM
85lo7l01q694layc	Accounts	1/12/2023, 7:18 AM	12/30/2023, 12:00 AM
bcujmq1vo0haq4c1	Accounts	1/12/2023, 7:41 AM	12/30/2023, 12:00 AM
fvhwyy715xd5v74xl	Accounts	1/12/2023, 10:36 AM	12/30/2023, 12:00 AM
eyj68tlqrr1g9l5n	Accounts	1/9/2023, 5:38 AM	12/30/2023, 12:00 AM

2.2.3 Consent Revocation

PSU can log in to the internet/ mobile banking application of the ASPSP and see the list of consents that they have provided to various TPPs.

Navigation Path:

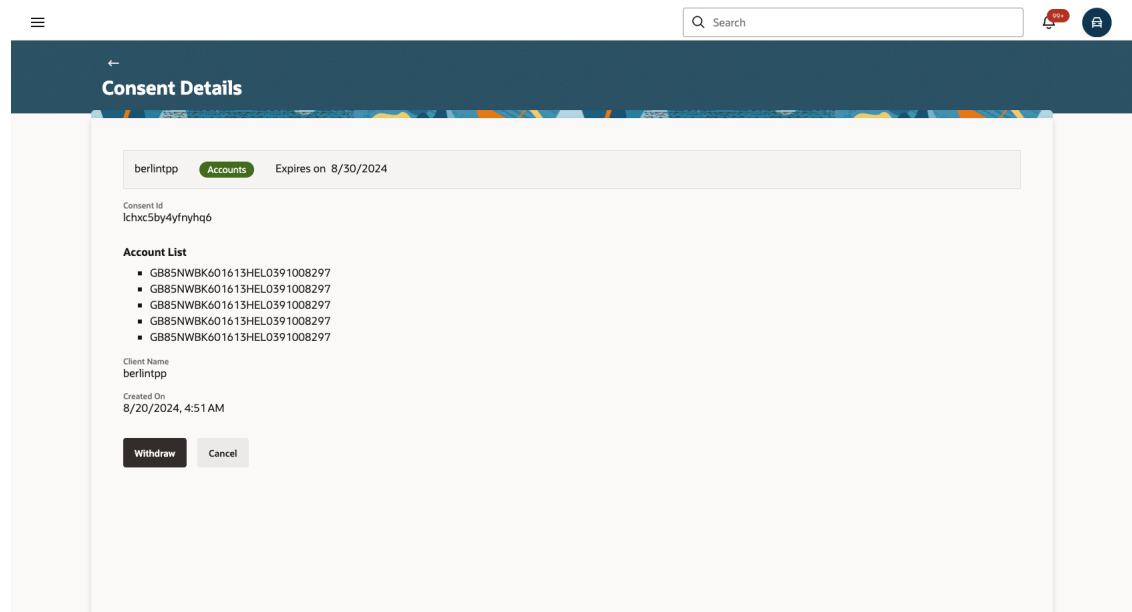
From **Dashboard**, click **Toggle Menu**, then click **Menu** and then click **Account Settings**. Under **Account Settings**, select **Access & Consent**, then click **Manage Consents**

OR

From **Dashboard**, click **My Profile icon**, then click **Settings**. Under **Settings**, select **Access & Consent**, then click **Manage Consents**

From the list of Consents, the PSU can see the details of Consent and can revoke the same.

Figure 2-6 Consent Details



2.3 Berlin Group APIs

- OBAPI supports APIs of the Berlin Group standard's version 1.3.6.
- The list of the APIs supported in OBAPI can be found in the document - Berlin Group Open Banking APIs - OBAPI v22.2.5.0.0.pdf
- Support is available for Retail and Corporate personas for Account Information Services and Payment Initiation Services

3

References

For further details on the Berlin Group Open Banking configuration, refer to the following OBAPI user manual: **Berlin Open Banking Configuration Guide**

4

List of Topics

This user manual is organized as follows:

Table 4-1 List of Topics

Topics	Description
Preface	This topic provides information on the introduction, intended audience, list of topics, and acronyms covered in this guide.
Open Banking Functional Overview	This topic provides information on the ASPSP , TPP , AISP , PISP , and PSU .
Berlin Group Open Banking	This topic provides information on the TPP registration , Consent Management , Consent Capture , and Berlin Group APIs

Index

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Open Banking Functional Overview, [1-1](#)