

Oracle® Banking APIs

Berlin Group Open Banking Consent Management User Guide



Release 25.2.0.0.0
G60580-01
August 2026

ORACLE®

Copyright © 2006, 2026, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Contents

Preface

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

1 Open Banking Functional Overview

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

2 Berlin Group Open Banking

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

3 References

Index

List of Figures

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

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 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

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and](#)

[Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

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

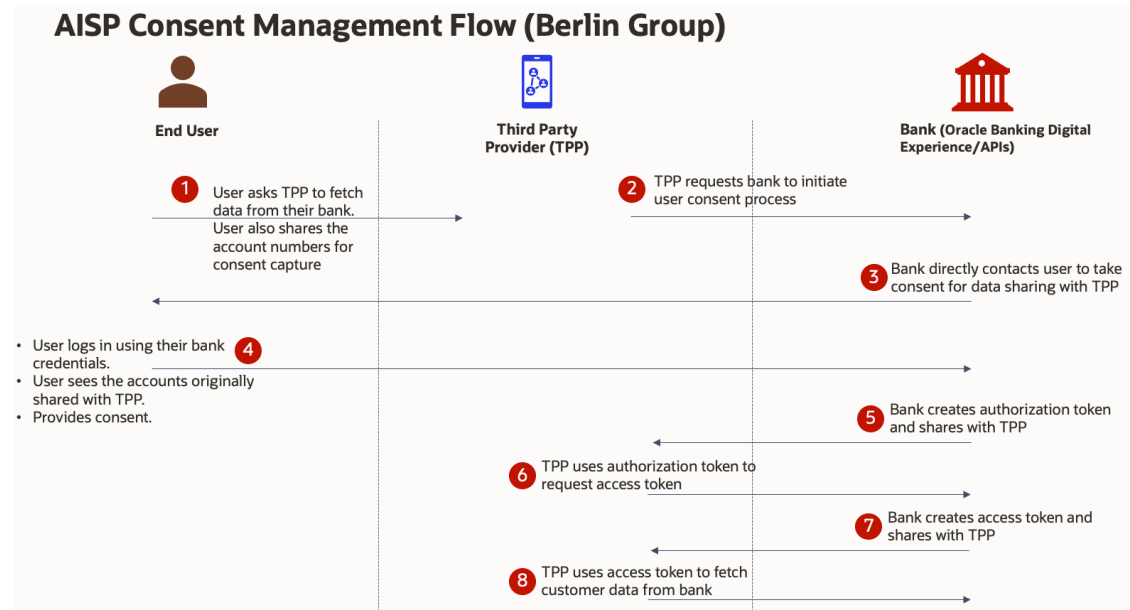
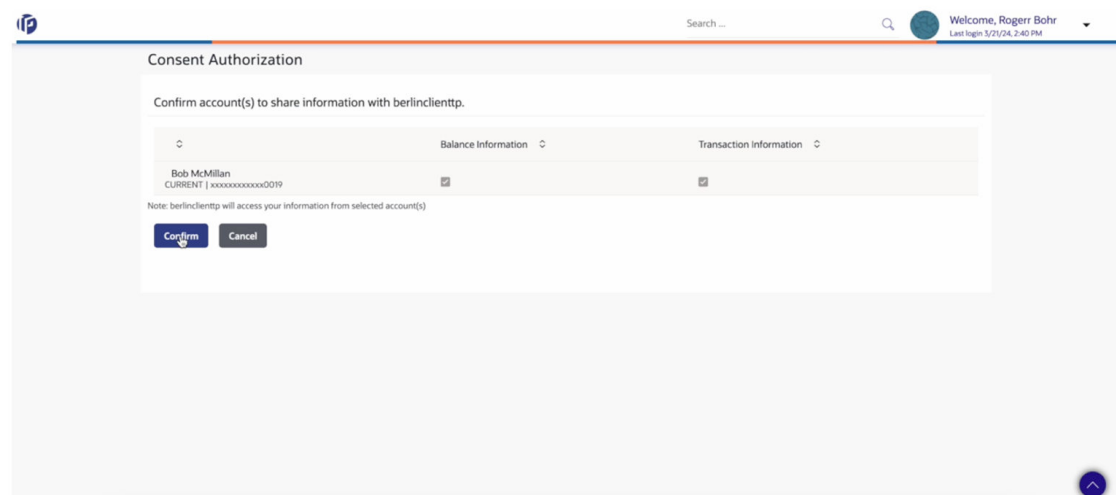


Figure 2-2 AISP Consent Capture Screen - Berlin Spec



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

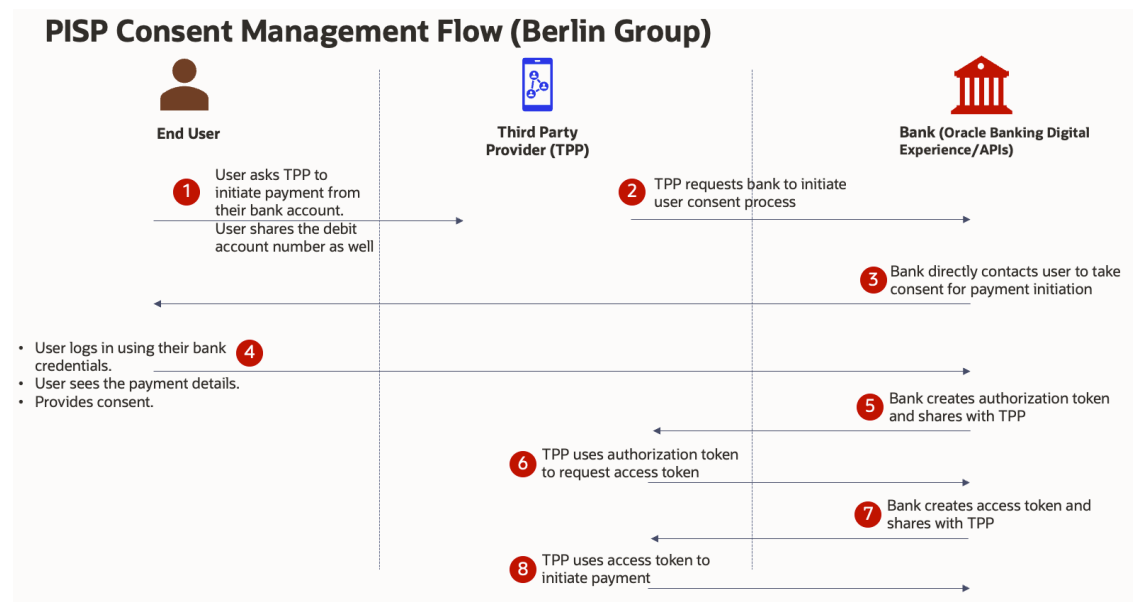


Figure 2-4 PISP Consent Capture Screen - Berlin Spec

The screenshot shows a web interface for confirming payment accounts. The header includes a search bar, a user profile for "Welcome, Ashok Jain" (last login 3/23/24, 2:02 PM), and a search icon. The main content area is titled "Confirm Payment Account" and contains two sections for confirming accounts to share information with berlinclienttp.

Confirm Payee account(s) to share information with berlinclienttp.

Payee Name	Amount
Ritz1	EUR 52.00

Account Number: GB33BUKB20201555555555

Confirm Payer account(s) to share information with berlinclienttp.

Ashok Jain
CURRENT | xxxxxxxxxxxxx0055

Buttons: Proceed, Cancel

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 the 'Manage Consents' page. On the left is a sidebar with a user profile 'Rogerr Bohr' and navigation links: Passwords & Security, Device Registration, Preferences, Access & Consent (highlighted), and Alerts. The main content area has a 'Manage Consents' header with a search bar containing 'Access Point AIPISP' and a 'Search' button. Below the search bar, it says '336 Record(s)' and 'Manage Columns'. A table lists 15 consent records.

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
9sl1sdj3nt2vs26z	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
y1f3chmlf16pyv5r	Accounts	1/11/2023, 4:09 AM	12/30/2023, 12:00 AM
glqaklqgnspvzez	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
bkjlnr5lfzpbftti	Accounts	1/12/2023, 5:38 AM	12/30/2023, 12:00 AM
jcnody8l8rkue4d5	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
fvhw715xd5v74xl	Accounts	1/12/2023, 10:36 AM	12/30/2023, 12:00 AM
eyj68tiqr1g9lsl	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:

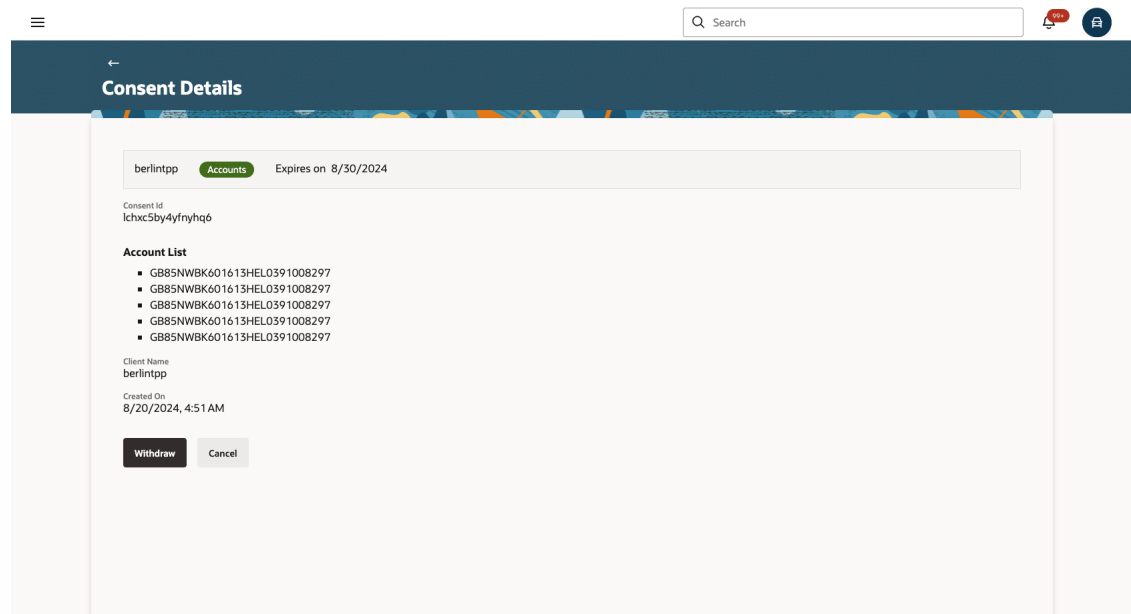
From **Dashboard**, click **Toggle Menu**, then click **Menu** and then click **Account Settings**. Under **Account Settings**, select **Access & Consent**, then click **Manage Consents**

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**

Index

O

Open Banking Functional Overview, [1](#)