

Oracle® Banking Payments

Rest API Services User Guide



Release 14.8.0.0.0
G32400-01
April 2025

ORACLE®

Copyright © 2017, 2025, 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.

Contents

1	Preface	
	Purpose	1-1
	Audience	1-1
	Documentation Accessibility	1-1
	Critical Patches	1-1
	Diversity and Inclusion	1-1
	Basic Actions	1-1
2	Rest API Services - Overview	
	Introduction	2-1
	Rest HTTP Headers	2-1
	Rest Services Details	2-1

1

Preface

Purpose

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

Audience

The manual is intended for integrating external systems to Oracle Banking Payments using RESTFUL framework.

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 customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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 make sure 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.

Basic Actions

The basic actions performed in the screens are as follows:

Table 1-1 Basic Actions

Actions	Description
New	Click New to add a new record. The system displays a new record to specify the required data. The fields marked with asterisk are mandatory. - This button is displayed only for the records that are already created.
Save	Click Save to save the details entered or selected in the screen.
Unlock	Click Unlock to update the details of an existing record. The system displays an existing record in editable mode. - This button is displayed only for the records that are already created.
Authorize	Click Authorize to authorize the record created. A maker of the screen is not allowed to authorize the same. Only a checker can authorize a record. - This button is displayed only for the already created records. For more information on the process, refer Authorization Process.
Approve	Click Approve to approve the initiated record. - This button is displayed once the user click Authorize .
Audit	Click Audit to view the maker details, checker details of the particular record. - This button is displayed only for the records that are already created.
Close	Click Close to close a record. This action is available only when a record is created.
Confirm	Click Confirm to confirm the action performed.
Cancel	Click Cancel to cancel the action performed.
Compare	Click Compare to view the comparison through the field values of old record and the current record. - This button is displayed in the widget once the user click Authorize .
View	Click View to view the details in a particular modification stage. - This button is displayed in the widget once the user click Authorize .
View Difference only	Click View Difference only to view a comparison through the field element values of old record and the current record, which has undergone changes. - This button is displayed once the user click Compare .
Expand All	Click Expand All to expand and view all the details in the sections. - This button is displayed once the user click Compare .
Collapse All	Click Collapse All to hide the details in the sections. - This button is displayed once the user click Compare .
OK	Click OK to confirm the details in the screen.

2

Rest API Services - Overview

Introduction

Each of the services listed in the document OBPM_Prebuilt_Integrations.xlsx is a URL. These URLs can be tested using any of the available browser plug-ins. Also, these services can be integrated with an API manager, depending on its use. For example, below is the format of a Single PayOut Rest Service URL which is used for sending outbound payment requests.

<http://<host>:<port>/PMReST/resources/payments/singlepayout>

Rest HTTP Headers

The following are the headers that are expected in all the requests that are sent to the Rest API application:

1. `userId` - Oracle Banking Payments login username.
2. `password` – Encrypted Oracle Banking Payments UBS login password.
3. `msgId` – This message id will be a unique id to identify the request.
4. `branch` – The branch code from where the request is sent.
5. `source` – The source code of the external system.

For rest service authentication details, refer to Payments Core user manual.

Rest Services Details

Rest Swagger Documentation



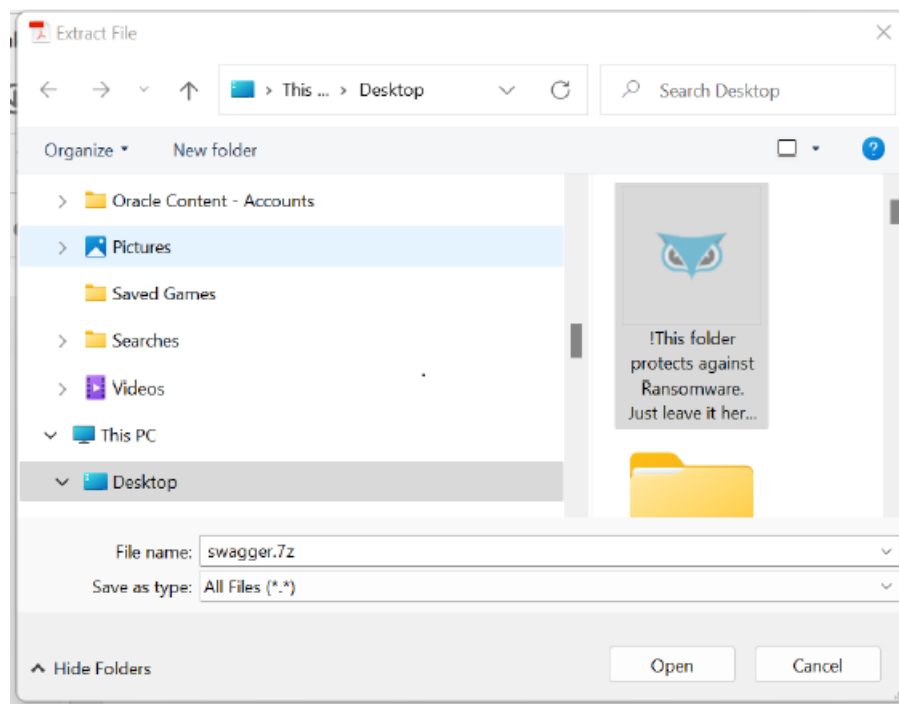
Note:

Only the Rest APIs listed in the [List of Interfaces and Integrations](#) excel should be used.

Perform the following steps to download or save the swagger.zip attachment:

1. Download the Swagger ZIP file from the following link:
[Payments Swagger JSON file](#)
2. Double click the **Swagger.zip** file.
Extract File window is displayed.
3. Select the destination folder and click Save.

Figure 2-1 Save

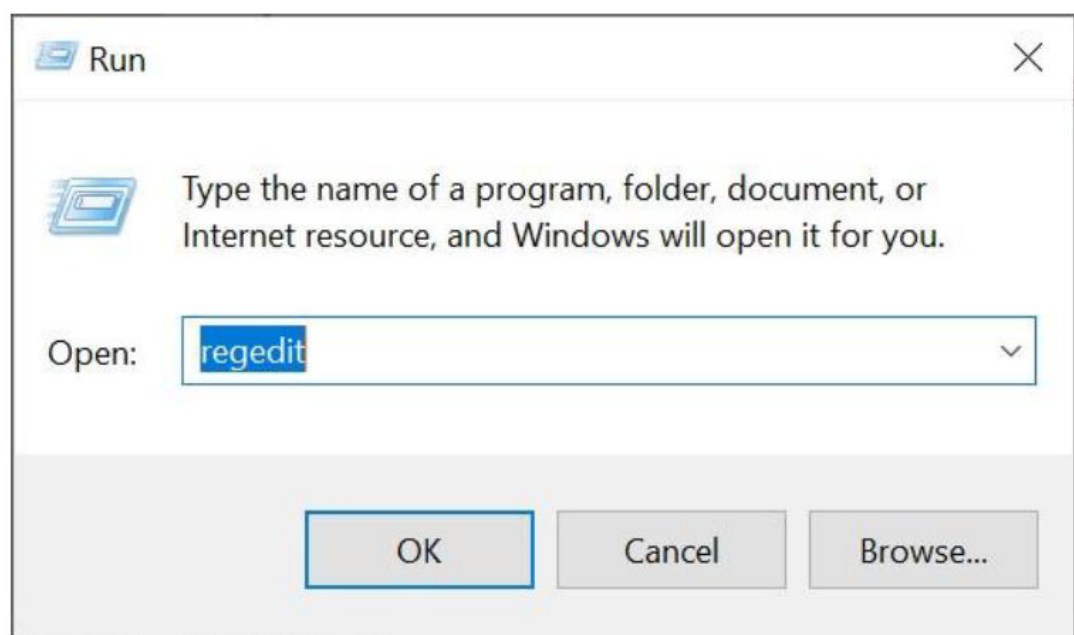


Troubleshooting Steps

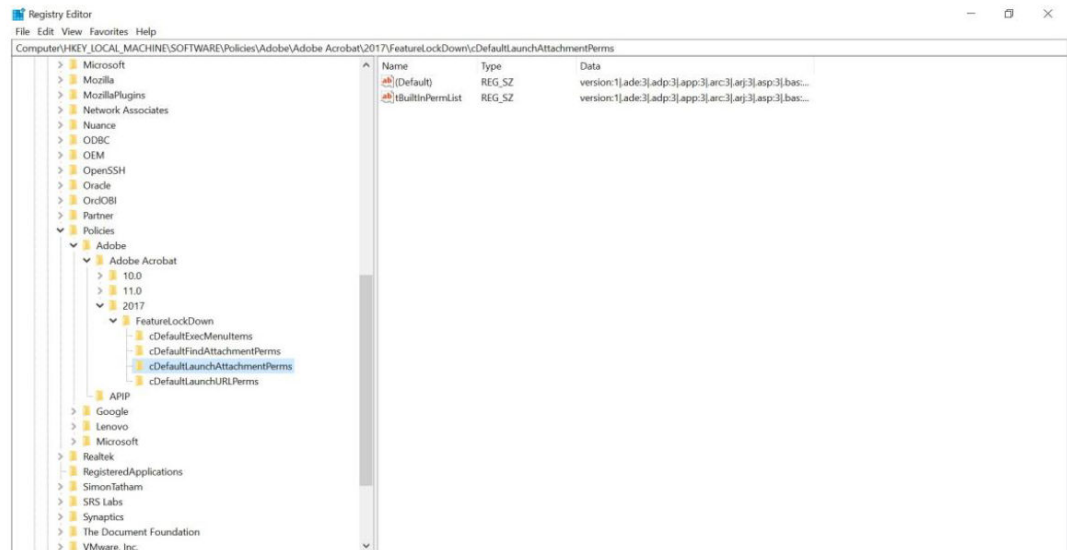
If you are unable to open the swagger.zip attachment, refer to the following steps:

1. Open the Run application from the Start menu.
The Run pop-up window is displayed.
2. Type regedit into the Open box and click OK.
The User Account Control window is displayed.

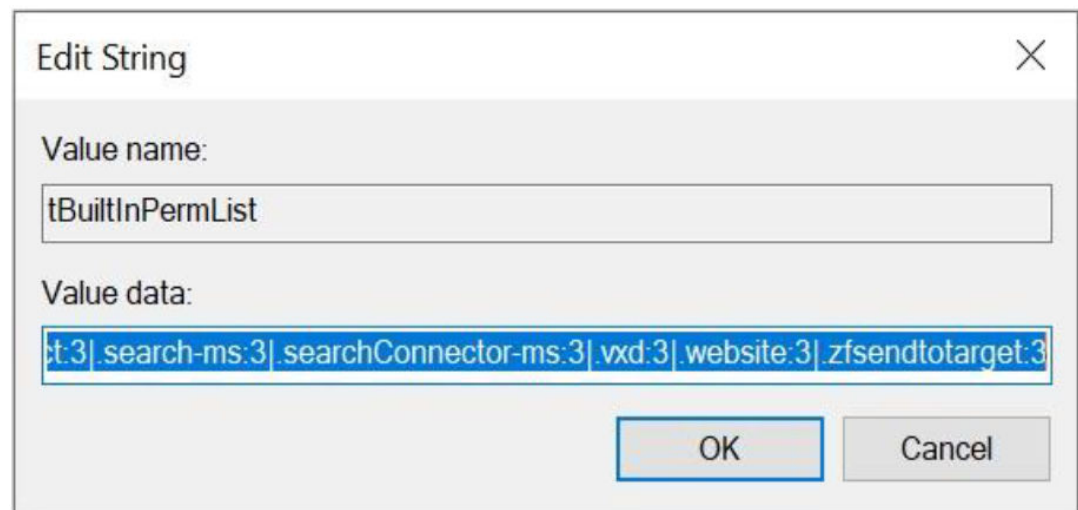
Figure 2-2 Run



3. On User Account Control window, click Yes to allow the Registry Editor application to make changes to the device.
The Registry Editor application is displayed.
4. Navigate to the following registry key:
HKEY_LOCAL_MACHINE\software\policies\adobe\AdobeAcrobat\DC\FeatureLockDown\cDefaultLaunchAttachmentPerms

Figure 2-3 Registry

5. Double-click on tBuiltInPermList.
The Edit String pop-up window is displayed.

Figure 2-4 Edit String

6. In the Value Data field, locate the .zip file type extension and change the subsequent number to 1.

Figure 2-5 Value Data

```

version:1|.ade:3|.adp:3|.app:3|.arc:3|.arj:3|.asp:3|.bas:3|.bat:3|.bz:3|.bz2:3|.cab:3|.chm:3|.class:3|.
cmd:3|.com:3|.command:3|.cpl:3|.crt:3|.csh:3|.desktop:3|.dll:3|.exe:3|.fxp:3|.gz:3|.hex:3|.hlp:3|.hq
x:3|.hta:3|.inf:3|.ini:3|.ins:3|.isp:3|.its:3|.job:3|.js:3|.jse:3|.ksh:3|.lnk:3|.lzh:3|.mad:3|.maf:3|.mag:3|.
mam:3|.maq:3|.mar:3|.mas:3|.mat:3|.mau:3|.mav:3|.maw:3|.mda:3|.mdb:3|.mde:3|.mdt:3|.mdw:3|.
mdz:3|.msc:3|.msi:3|.msp:3|.mst:3|.ocx:3|.ops:3|.pcd:3|.pi:3|.pif:3|.prf:3|.prg:3|.pst:3|.rar:3|.reg:
3|.scf:3|.scr:3|.sct:3|.sea:3|.shb:3|.shs:3|.sit:3|.tar:3|.taz:3|.tgz:3|.tmp:3|.url:3|.vb:3|.vbe:3|.vbs:3|.
vsmacros:3|.vss:3|.vst:3|.vsw:3|.webloc:3|.ws:3|.wsc:3|.wsf:3|.wsh:3|.z:3|.zip:1|.zlo:3|.zoo:3|.pdf:2|.
fdf:2|.jar:3|.pkg:3|.tool:3|.term:3|.acm:3|.asa:3|.aspx:3|.ax:3|.ad:3|.application:3|.asx:3|.cer:3|.cfg:
3|.chi:3|.class:3|.clb:3|.cnt:3|.cnv:3|.cpx:3|.crx:3|.der:3|.drv:3|.fon:3|.gadget:3|.grp:3|.htt:3|.ime:3|.
jnlp:3|.local:3|.manifest:3|.mmc:3|.mof:3|.msh:3|.msh1:3|.msh2:3|.mshxml:3|.msh1xml:3|.msh2xml:
3|.mui:3|.nls:3|.pl:3|.perl:3|.plg:3|.ps1:3|.ps2:3|.ps1xml:3|.ps2xml:3|.psc1:3|.psc2:3|.py:3|.pyc:3|.py
o:3|.pyd:3|.rb:3|.sys:3|.tlb:3|.tsp:3|.xbap:3|.xnk:3|.xpi:3|.air:3|.appref-
ms:3|.desklink:3|.glk:3|.library-ms:3|.mapimail:3|.mydocs:3|.sct:3|.search-ms:3|.searchConnector-
ms:3|.vxd:3|.website:3|.zfsendtotarget:3|

```