Oracle® Banking Payments

Rest API Services User Guide

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Oracle Banking Payments Rest API Services User Guide, Release 14.7.0.0.0

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Preface

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Basic Actions

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.

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Rest API Services - Overview

- Introduction
- Rest Services Details

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

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

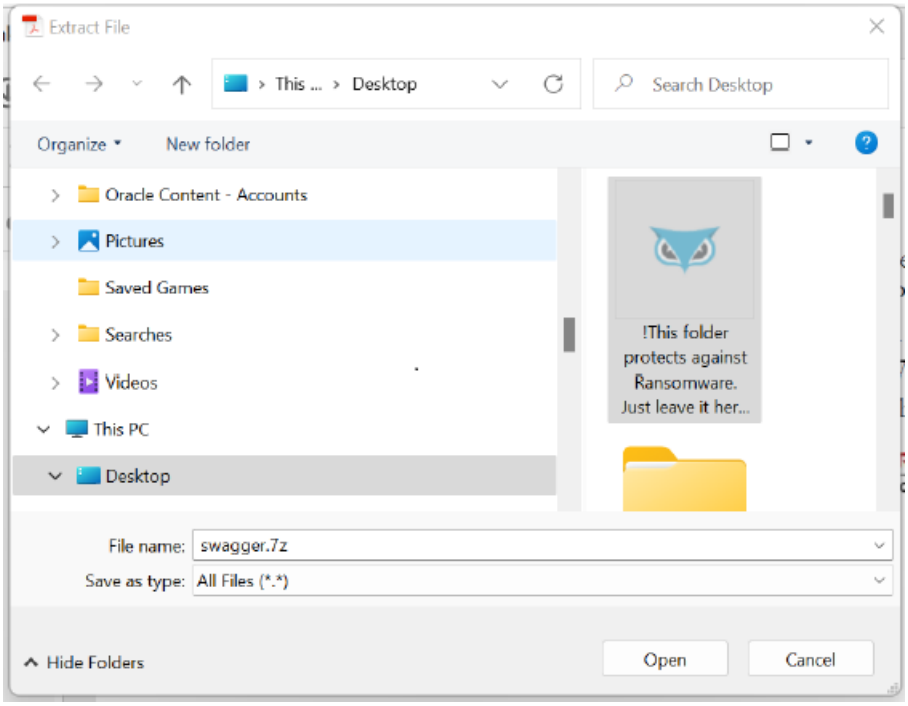
Rest Swagger Documentation

> **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

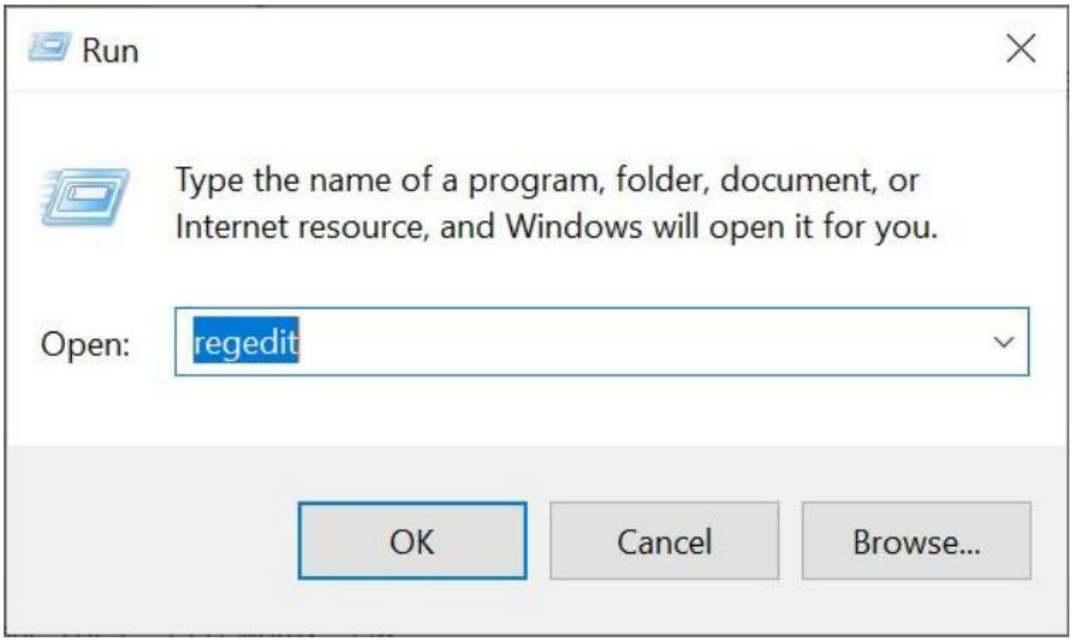


Troubleshooting Steps

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

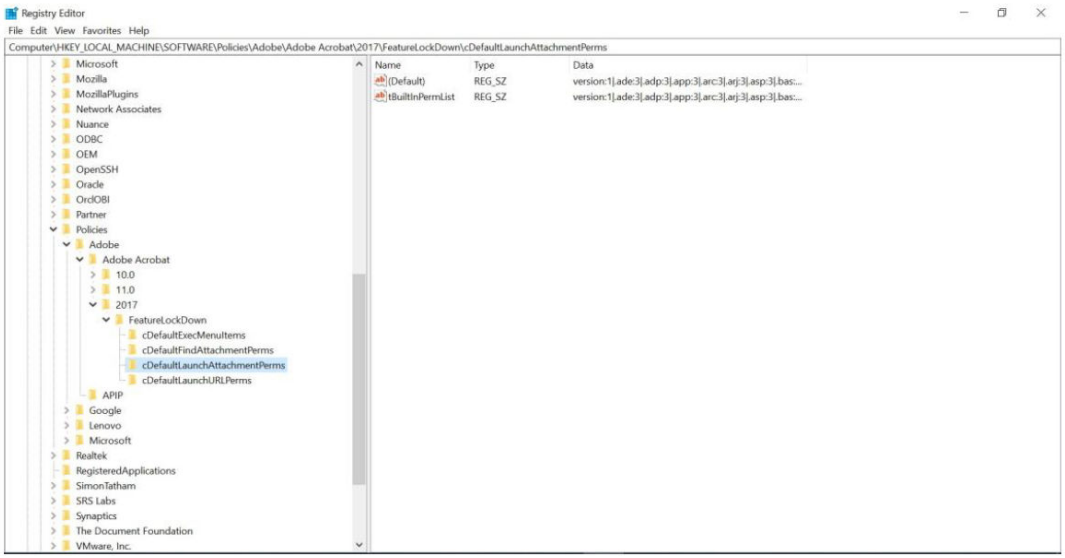
1. Open the Run application from the Start menu.
   The Run pop-up window is displayed.
2. Type regedit into the Open box and click OK.
   The User Account Control window is displayed.

Figure 2-2 Run



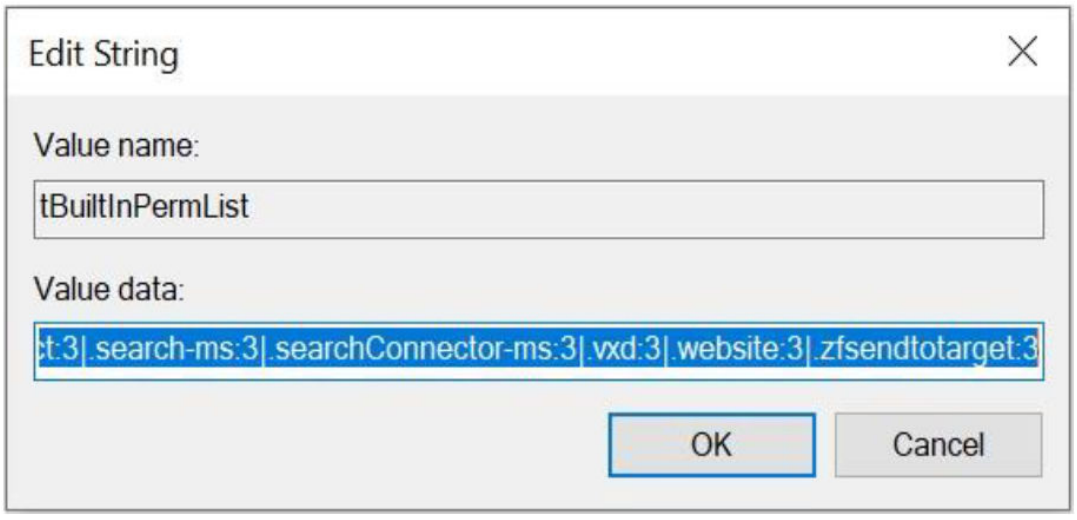
3. On User Account Control window, click Yes to allow the Registry Editor application to make changes to the device.
The Registry Editor application is displayed.
4. Navigate to the following registry key:
HKEY_LOCAL_MACHINE\software\policies\adobe\AdobeAcrobat\DC\Feature LockDown\cDefaultLaunchAttachmentPerms

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.

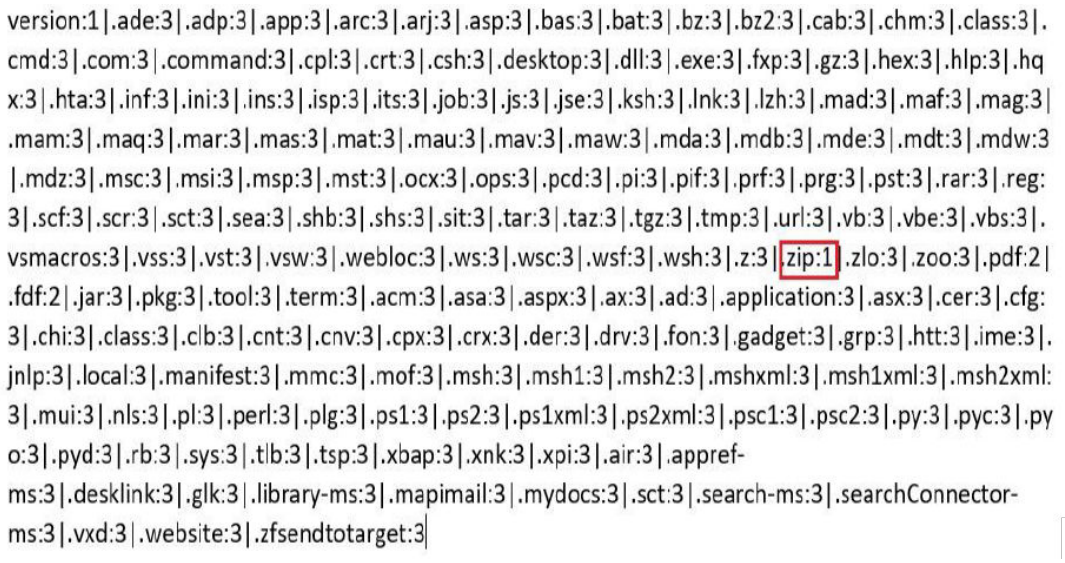



Figure 2-5 Value Data