Oracle® Banking APIs

User Password Printing Configuration Guide

Patchset Release 22.2.5.0.0
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Oracle Banking APIs User Password Printing Configuration Guide, Patchset Release 22.2.5.0.0

G15773-01

Contents

Preface

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

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.
italic	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

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OBAPI User Password Print Configuration

1.1 Configure Password Encryption/Decryption Provider

1. When you create any new user or reset password for any existing user, user credential gets stored in system using two way cryptography so that same to be available for password printing
2. To override existing cryptography implementation, you need to perform following steps:
   - Add provider that implements **`com.ofss.digx.app.sms.crypto.IUserCryptographyProvider`**. Here you can add encryption and decryption implementation for Password.
     Example:

```
package com.ofss.digx.app.sms.crypto; publicclass
CustomUserCryptographyProvider implements
IUserCryptographyProvider
 {
        @Override
        public String decrypt(String value)
           {
            // TODO Auto-generated method stub
            returnnull;
            }
        @Override
        public String encrypt(String value)
            {
            // TODO Auto-generated method stub
            returnnull;
            }
  }
```

   - Add one entry in Preferences.xml if not present for name **`'UserConfig'`**
     Example:

```
<Preference name="UserConfig'"
PreferencesProvider="com.ofss.digx.infra.config.impl.DBBased
PropertyProvider" parent="jdbcpreference"
propertyFileName="select prop_id,
prop_value from digx_fw_config_all_b where category_id = 'UserConfig''
" syncTimeInterval="36000000" />
```

- Add one entry in database table digx_fw_config_all_b for **category_id ='UserConfig' and prop_id ='USER_CRYPTO_PROVIDER'**

```
Insert into DIGX_FW_CONFIG_ALL_B (PROP_ID,CATEGORY_ID, PROP_VALUE,
FACTORY_SHIPPED_FLAG,
PROP_COMMENTS, SUMMARY_TEXT, CREATED_BY, CREATION_DATE,
LAST_UPDATED_BY, LAST_UPDATED_DATE,
 OBJECT_STATUS, OBJECT_VERSION_NUMBER)values
('USER_CRYPTO_PROVIDER','UserConfig',
'com.ofss.digx.app.sms.crypto.CustomUserCryptographyProvider ','N',null,
'Custom provider for Password Encryption and
decryption','ofssuser',sysdate,'ofssuser',sysdate,'A',1);
```

> **Note:**
>
> If above configuration is done, it will use **CustomUserCryptographyProvider** for password encryption and decryption and same encrypted password will be stored in DIGX_UM_PWD_PRINTINFO table. Currently by default com.ofss.digx.app.sms.crypto.UserCryptographyProvider provider will used if no configuration is done.

1.2 Configure Password Printing Adapter

1. After successfully storing password in System, same will be available for printing to administrator.
2. Currently when admin performs password printing for user, password printing data stored in system in blob using adapter.
3. To override existing password printing implementation, you need to perform following steps:
   - Add adapter that implements com.ofss.digx.app.sms.user.printinformation.provider.IUserInformationPrintAdapter. Here you can add implementation for printing document for a user. PasswordPrintInformationDTO object will contain username, password and other documents(Password Letter/Welcome Letter).
     Example:

```
package com.ofss.digx.app.sms.user.printinformation.provider;
import
com.ofss.digx.app.sms.dto.user.printInformation.PasswordPrintInformation
DTO;
import com.ofss.digx.infra.exceptions.Exception;
publicclass CustomUserInformationPrintAdapter implements
IUserInformationPrintAdapter
 {
  @Override publicvoid print
    (
    PasswordPrintInformationDTO userprintDTO
     )
    throws Exception
    {
     // TODO Auto-generated method stub
```

```
    }
  }
```

- Add one entry in Preferences.xml if not present for name ‘UserPrintConfig’.
  Example:

```
<Preference name="UserPrintConfig’"

PreferencesProvider="com.ofss.digx.infra.config.impl.DBBasedPropertyProv
ider"
 parent="jdbcpreference" propertyFileName="select prop_id,
 prop_value from digx_fw_config_all_b where category_id =
'UserPrintConfig’'
 "syncTimeInterval="36000000" />
```

- Add one entry in database table digx_fw_config_all_b for **`category_id ='UserPrintConfig’ and prop_id ='USER_INFORMATION_PRINT_PROVIDER’ .`**

```
Insert into DIGX_FW_CONFIG_ALL_B (PROP_ID,
CATEGORY_ID, PROP_VALUE, FACTORY_SHIPPED_FLAG, PROP_COMMENTS,
SUMMARY_TEXT, CREATED_BY,
CREATION_DATE, LAST_UPDATED_BY, LAST_UPDATED_DATE, OBJECT_STATUS,
OBJECT_VERSION_NUMBER)values
('USER_INFORMATION_PRINT_PROVIDER','UserPrintConfig',
'com.ofss.digx.app.sms.user.printinformation.provider.CustomUserInformat
ionPrintAdapter','N',
null,'Custom adapter for User Password Information
Printing','ofssuser',sysdate,'ofssuser',sysdate,'A',1);
```

> **Note:**
>
> If above configuration is done, it will use **`CustomUserInformationPrintAdapter`** for user Password Information printing. Currently by default com.ofss.digx.app.sms.user.printinformation.provider.UserInformationPrintAdapter adapter will used if does not found any configuration.

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List of Topics

This user manual is organized as follows:

Table 2-1 List of Topics

Topics	Description
Preface	This topic provides information on the introduction, intended audience, list of topics, and acronyms covered in this guide.
OBAPI User Password Print Configuration	This topic provides information about the configuration of the Password Encryption/Decryption Provider, and Password Printing adapter.

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