

Oracle® Banking Digital Experience

User Password Printing Configuration Guide



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Contents

Preface

Purpose	i
Before you Begin	i
Pre-requisites	i
Audience	i
Documentation Accessibility	ii
Critical Patches	ii
Diversity and Inclusion	ii
Related Resources	ii
Conventions	ii
Screenshot Disclaimer	iii
Acronyms and Abbreviations	iii
Post-requisites	iii

1 OBDX User Password Print Configuration

1.1 Configure Password Encryption/Decryption Provider	1
1.2 Configure Password Printing Adapter	2

Index

Preface

- [Purpose](#)
- [Before you Begin](#)
- [Pre-requisites](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Post-requisites](#)

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.

Before you Begin

Kindly refer to our **Getting Started User Guide** for common elements, including Symbols and Icons, Conventions Definitions, and so forth.

Pre-requisites

Specify **User ID** and **Password**, and login to **Home** screen.

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.

Related Resources

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

- Oracle Banking Digital Experience Installation Manuals
- Oracle Banking Digital Experience Licensing Manuals

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.

Convention	Meaning
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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; actual screens that appear in the application may vary based on selected browser, theme, and mobile devices.

Acronyms and Abbreviations

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

Table 1 Acronyms and Abbreviations

Abbreviation	Description
OBDX	Oracle Banking Digital Experience

Post-requisites

After finishing all the requirements, please log out from the **Home** screen.

1

OBDX User Password Print Configuration

- [Configure Password Encryption/Decryption Provider](#)
This topic provides information on **Configure Password Encryption/Decryption Provider**.
- [Configure Password Printing Adapter](#)
This topic provides information on **Configure Password Printing Adapter**.

1.1 Configure Password Encryption/Decryption Provider

This topic provides information on **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);
```

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 be used if no configuration is done.

1.2 Configure Password Printing Adapter

This topic provides information on **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.

Index

C

Configure Password Encryption/Decryption
Provider, [1](#)

Configure Password Printing Adapter, [2](#)