Social Payments - Twitter Setup Guide Oracle Banking Digital Experience Patchset Release 21.1.3.0.0

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Social Payments - Twitter Setup Guide November 2021

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1. Preface

1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

1.2 **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.

1.3 Access to Oracle Support

Oracle customers 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.

1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Patchset Release 21.1.3.0.0, refer to the following documents:

Oracle Banking Digital Experience Installation Manuals



2. Social Payments - Twitter

A Social Payment involves the transfer of money to an individual via social media. Social payments simplify digital payments by affording the initiator of the payment, the convenience of not having to know or remember the recipient's account information.

This document defines the means by which Twitter can be enabled as a mode under OBDX Peer to Peer Payments, by selecting which, retail users can initiate transfers towards Twitter Handles.

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3. Twitter Console Configurations

This section documents the steps involved in enabling Twitter as a made for Peer to Peer payments in OBDX.

- 1. Navigate to the Twitter Application Management page https://apps.twitter.com/
- 2. Click on the sign in link to login to the twitter account with which the app is associated.

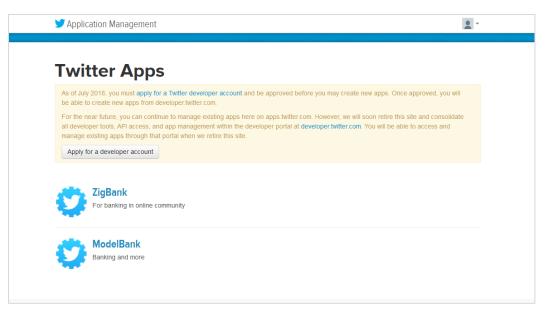
♥ Application Management	Have an account? Sign in
Twitter Apps Please sign in with your Twitter Account to create and maintain Twitter Apps.	
Tiveet	
About Terms Privacy Cookies	© 2018 Twitter, Inc.

3. Login to the bank's Twitter account by entering user ID and password of the associated account in the provided fields. (The bank is required to have a twitter account.)

🄰 Home 🛛 Abo	ut	Language: English 👻
	Log in to Twitter	
	Phone, email or username	
	Password	
	Log in Remember me · Forgot password?	
	New to Twitter? Sign up now » Already using Twitter via text message? Activate your account »	



4. You will then be redirected to the Application Management page that lists the apps that have been made by the logged in user.



5. Select the app for which the setup needs to be configured. A new app will have to be created if this page is being accessed for the first time. After selecting an app, the menu page of that app will be displayed.

🎔 Application Ma	nagement	•
ZigBank	C	Test OAuth
Details Settings	Keys and Access Tokens Permissions	
For bankir	ng in online community	
http://vika	shs-in.in.oracle.com:7777/retail/pages/model-bank.html?module=dashboard	
Organization	rganization or company associated with your application. This information is optional.	
Organization	ganzaan o company accounts manyou opprovider. The information to opporta. None	
Organization website	None	
<		>
Application Sett	ings	
Your application's Cons	sumer Key and Secret are used to authenticate requests to the Twitter Platform.	
Access level	Read, write, and direct messages (modify app permissions)	



6. Click on the **Settings** tab to define Callback URLs, the Client's App Website and other information.

Y Application Management	<u>.</u>
ZigBank	Test OAuth
Details Settings Keys and Access Tokens Permissions	
Application Details	
Name *	
ZigBank	
Your application name. This is used to attribute the source of a tweet and in user-facing author	rization screens. 32 characters max.
Description *	
For banking in online community	
Your application description, which will be shown in user-facing authorization screens. Betwee	en 10 and 200 characters max.
Website *	
http://vikashs-in.in.oracle.com:7777/retail/pages/model-bank.html?module=dash	
Your application's publicly accessible home page, where users can go to download, make use	of, or find out more information about your application. This fully-qualified URL is us
the source attribution for tweets created by your application and will be shown in user-facing	authorization screens.
(If you don't have a URL yet, just put a placeholder here but remember to change it later.)	
Callback URLs	
Where should we return after successfully authenticating? OAuth 1.0a applications must expli-	
below in the request token step. To restrict your application from using callbacks, leave this file	ld blank.
http://localhost:7779/digx-social/callback	
http://5e70788d.ngrok.io/digx-social/callback	

Enter a name to be associated with the app in the **Name** field. Add a description of the app in the **Description** field. Enter the app's website and the callback URIs in the **Website** and **Callback URLs** fields respectively. All these parameters are mandatory for the client's app to authorize the user. The name, description and website as entered in these fields is displayed when the user is authorizing the app. Callback is required to redirect the user after signing in and authorizing the app.

Enter URL as -

https://<bankDomain>/digx-social/callback

Only one call back URL is sufficient. Multiple URLs (upto 10) can be added in case of production, UAT setup etc.

Additionally, if provided, add the links for Privacy Policy and Terms of Service by scrolling down. Also add the Application Icon that will be displayed to the user while authorizing the App. Add Client's name and the website to be displayed to the user at the time of authorization.

Additionally, the bank's icon can be uploaded against the **Application Icon** option, which will be displayed when user logs in to his/her twitter account.



The URL for	your application or service's privacy policy. The URL will be shared with users authorizing this application.
Terms of S	ervice URL
The URL for	your application or service's tems of service. The URL will be shared with users authorizing this application.
Allow thi	s application to be used to Sign in with Twitter
Applicat	ion Icon
	Change icon
	Browse No file selected.
1.1	Maximum size of 700k. JPG, GIF, PNG.
Organiz	ation
Organizatio	n name
The organiza	ation or company behind this application, if any.
-	n webaite
Organizatio	il website

7. Update the settings by scrolling further down and clicking on the **Update Settings** button.

The organization or company behi	nd this application, if any.		
Organization website			
The organization or company behi	nd this application's web page, if any.		

8. Click on the **Keys and Access Token** tab to access the app's consumer key/secret and access key/secret. The Consumer Key and Consumer Secret with owner name and owner ID are displayed. On scrolling down, you will be able to view the Access Token and Access Token Secret. Note and save this access token and secret. Never share the app's consumer secret and access secret.



ZigBan	Keys and Access Tokens	Permissions	Test OAu
		uld never be human-readable in your application.	
Consumer Secret (API	il.	CONSIGNED AND AND AND AND AND AND AND AND AND AN	
Access Level	Read, write, and dire permissions)	ct messages (modify app	
Owner	zigbank		
Owner ID	884658235013189636		

9. Click on the **Permissions** tab to set the permissions required by the app that is best suited for optimum functioning.

Application Management		
ligBank		Test OAuth
etails Settings Keys and Access Tokens	s Permissions	
Access		
What type of access does your application need	d?	
Read more about our Application Permission M O Read only	lodel.	
 Read and Write 		
Read, Write and Access direct messages		
Note:		
Changes to the application permission model w You will need to re-negotiate existing access to		
Additional Permissions		
These additional permissions require that you pr configure these fields in your Application Setting		acy policy and terms of service. You can



10. For a better understanding of the **Access** permission that suits the app, click on the **Application Permission Model** link. Check the **Additional Permissions** check box, if required.

Whenever the permission level is changed, the keys and tokens must be regenerated in order for the change to be visible.

This implicitly means that the client must make its users reauthorize the app using the new keys and secret.

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4. OBDX Configurations

1. Open the EAR "obdx.app.social.ear" to configure the Consumer Keys and Secret.

ile <u>E</u> dit <u>V</u> iew	Favorites	Tools Help											
♣ ■ ᢦ		⇒ ×	i										
Add Extract Tes	t Copy												
C:\Users\d	smahesh\	Desktop\obdx.a	pp.social.ear\										
lame		Si	ze Packed Siz	e Modified	Created	Accessed	Attributes	Encrypted (Comment	CRC	Method	Characteristics	Host OS
APP-INF			0	0 2018-07-30 16:20			D drwxr-xr-x			00000000	Store	UTF8	Unix
META-INF		1.8		54 2018-11-15 13:27			D drwxr-xr-x	-		F3914682		0xCAFE : UTF8	Unix
com.ofss.digx.so	cial.war	18.4		71 2018-11-15 13:27			-rw-rr	-		2E703356		UTF8	Unix
🖢 empty.jar		1	14 5	5 2018-07-30 16:26			-FW-FF	-		2A3ACED9	Deflate	UTF8	Unix
4 object(s) selecte	d												

2. Open "obdx.app.social.war"

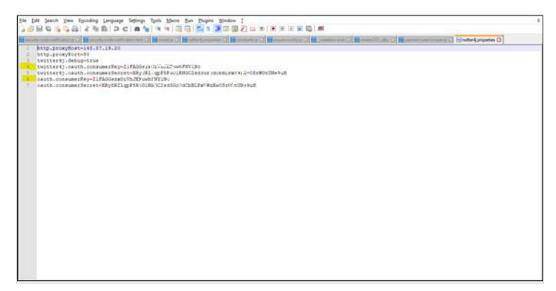
C:\Users\dsmahesh	\Desktop\obdx.app.so	ocial.ear\com.ofss	s.digx.social.war\									
me	Size	Packed Size	Modified	Created	Accessed	Attributes	Encrypted	Comment	CRC	Method	Characteristics	Host OS
images	2 370	2 375	2018-11-15 13:27			D drwxr-xr-x	-		7F04F873	Store	UTF8	Unix
META-INF	105	93	2018-11-15 13:27			D drwxr-xr-x	-		EC8FE48B	Store	0xCAFE : UTF8	Unix
WEB-INF	23 999	10 713	2018-11-15 13:27			D drwxr-xr-x	-		20EAF4E5	Store	UTF8	Unix
error.jsp	432	270	2018-10-30 17:02			-rw-rr	-		66806D81	Deflate	UTF8	Unix
index.jsp	412	258	2018-10-30 17:02			-rw-rr	-		BCE27A07	Deflate	UTF8	Unix

3. Open "WEB-INF" and open "classes". You will get "twitter4j.properties". Open the File.



Extract Test Co											
C:\Users\dsmahe	sh\Desktop\obdx.ap	op.social.ear\com.ofs	s.digx.social.war\W	EB-INF\classes\							
ne om witter4j.properties	Size 20 880 318	9 619	Modified 2018-11-15 13:27 2018-11-15 13:27	Created	Accessed	Attributes D drwxr-xr-x -rw-rr	Encrypted - -	Comment	CRC EFA462D9 A84F77C3	Characteristics UTF8 UTF8	Host OS Unix Unix

4. Put in the consumer key and secret generated in Section 3 at shown below. The OBDX server needs access to the twitter URL. If proxy is required, configure proxy settings as shown below:



5. After configuring the "twitter4j.properties" file, save and close it. Re-deploy the EAR on to the server with the changes.

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