Connector Credential Store Guide Oracle Banking APIs Patchset Release 22.2.3.0.0

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Connector Credential Store Guide February 2024

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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 APIs Patchset Release 22.2.3.0.0, refer to the following documents:

- Oracle Banking APIs Installation Manuals
- Oracle Banking APIs Licensing Guide

2. Steps to Create Credential Mapping

In WebLogic, go to Deployments, and click on com.ofss.digx.connector

🕯 Home Log Out Preferences 🗃 Record Help 🛛 🔍 Welcome, weblogic Connected to: obdx_dom													
	Summary												
immary of Deployments													
onfiguration Control Monitoring													
This page displays the list of Java EE applications and standalone application modules installed to this domain.													
								cting the chec	kbox next	to the appl	ication name and ther	n using the controls on this page	2.
o ins	tall a new	application	n or module for	deploymer	nt to targets in	n this domain, (click Install.						
	omize this												
		stable											
	yments												
Instal	ll Upda	te Dele	te									Showing 1 to	76 of 76 Previous Ne
	Name 🚕								State	Health	Туре	Targets	Deployment Order
	<mark>o com.of</mark> s	s.digx.con	nector						Active	🖋 ОК	Resource Adapter	obdx_cluster	0
	🗄 🧿 digx	-access							Active	🖋 ОК	Web Application	obdx_cluster	100
	🗄 🦲 digx	-account							Active	🖋 ок	Web Application	obdx_cluster	100
	🗄 🧿 digx	-accounta	ggregation						Active	🖋 ок	Web Application	obdx_cluster	100
	🗉 🖂 diax	-accountre	lationship						Active	🖋 ОК	Web Application	obdx_cluster	100
	- (<u>o)</u>												
-	± ; digx	-alerts							Active	🖋 ок	Web Application	obdx_cluster	100
									Active Active	✓ ок✓ ок	Web Application Web Application	obdx_cluster obdx_cluster	100

Fig.1 Deployed rar com.ofss.digx.app.connector,

Click Security->Outbound Credential Mapping. This will display Outbound Credential Mappings table.

Overview Configuration Security	Control Testing Horitoring	
Roles Policies Outbound Crede	ential Mappings Inbound Principal Happings	Principals
default extbound credential imaging contains the table of outbound order Customize this table		in the Enterprise Information System (EIS) to which you want to connect using a resource adapter. You can us or adapter, or specify particular outbound credential mappings for individual connection pools. This page
New Delete		Showing 0 to 0 of 0 Previous Ne
📋 WLS User ֎	EIS User	Outbound Connection Pool
	T	here are no items to display
ACCOUNT AND AND AND A DOCUMENTS OF		Showing 0 to 0 of 0 Previous Ner

Fig.2 Shows setting for com.ofss.digx.connector.rar

 Click on New to add new credentials. This will display screen to create new security credential map entry. Also it shows Outbound Connection pool table. This table has Outbound Connection pool entry for each connection instance in weblogic-ra.xml in Resource Adapter along with default connection pool.

Creat	Create a New Security Credential Mapping					
Bac	ack [Nex] Finish Cancel					
0ι	Outbound Connection Pool					
	Which Outbound Connection Pool would you like the credential map to be associated with? Selecting Resource Adapter Default will configure the credential mapping for all Outbound Connection Pools in this resource adapter. Each Outbound Connection Pool can then configure themselves to override these credentials.					
∳ Ci	ustomize this table					
Cre	reate a New Security Credential Hap Entry for:					
	5	Showing 11 to 17 of 17 Previous Next				
C	Outbound Connection Pool 🔅					
	ra/DIGXConnector/HERCHAI/IT					
	ra/DIGXConnector08CFPM					
	ra/DIGXConnectorOBLM					
	ra/DIGXConnectorOBSCF					
	ra/DIGXConnectorOBTFPM					
	ra/DIGXConnectorOBVAM					
	Resource Adapter Default					
	5	Showing 11 to 17 of 17 Previous Next				
Bac	ek Nexi Finish Cancel					

Fig.3 Shows Outbound Connection pool table. Fig 3.1 shows corresponding weblogic-ra.xml file

• Select Outbound connection pool to associate the credential map. And click Next. This will show screen to select weblogic server user.

ninistration Console 12c			Ģ			
🔒 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic	Connected to: obdx_xa(
Home >Summary of Deployments >com.ofss.digx.connector.rar >Roles						
Create a New Security Credential Mapping						
Back Next Finish Cancel						
WebLogic Server User						
Select the WebLogic Server User that you would like to map an EIS user to. Selecting 'User for creating initial connections' will configure the user that will be used for creating the initial connections when the resource adapter is first started. Selecting Default User will configure the user that will be used for any authenticated WebLogic Server user that does not have a credential mapping specifically for them. Selecting 'User for unauthenticated user will configure the user that will be used for an unauthenticated WebLogic Server user. If you select 'Configured User' you must type in the WebLogic Server user that you are configured. This user must be a configured WebLogic Server user.						
🖲 Default User						
Unauthenticated WLS User						
Configured User Name						
WebLogic Server User Name:						
Back Next Finish Cancel						

Fig 4.Weblogic server user screen

- Select Default User. Selecting 'Default User' as WebLogic Server user will configure the user that will be used as the default for any authenticated WebLogic Server user that does not have a credential mapping specifically for them.
- And click Next. Screen to configure username and password will appear. Enter username and password.

ministration Console 12c		0				
📽 Home Log Out Preferences 🗟 Record Help						
Home >Summary of Deployments >com.ofss.digx.connector.rar >Role						
Create a New Security Credential Mapping						
Back Next Finish Cancel						
EIS User Name and Password						
Configure the EIS User Name and Password that you would like to map the WebLogic Server User to: * Indicates required fields						
Enter the EIS User Name:	Enter the EIS User Name:					
* EIS User Name::	MERCHANT					
Enter the EIS Password:						
* EIS Password::	•••••					
* Confirm Password::						
Back Next Finish Cancel						

Fig 5.User name and password configuration

• Click Finish. The new security credential map entry will be created.

ninistration Console 12c					
🏦 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: obdx_xacr			
Home >Summary of Deployments >com.ofss.digx.connector.	ar >Roles				
Messages					
The new security credntial map entry for this resource	rce adapter was successfully created.				
Settings for com.ofss.digx.connector.rar					
Overview Configuration Security Control T	esting Monitoring				
Roles Policies Outbound Credential Mapping	s Inbound Principal Mappings Princ	pals			
Outbound Credential mappings let you map Weblogic Server usernames to usernames in the Enterprise Information System (EIS) to which you want to connect using a resource adapter. You can use default outbound credential mappings for all outbound connection pools in the resource adapter, or specify particular outbound credential mappings for individual connection pools. This page contains the table of outbound credential mappings for this resource adapter.					
New Delete Showing 1 to 1 of 1 Previous Next					
🔲 WLS User 🗇	EIS User	Outbound Connection Pool			
Default	MERCHANT	ra/DIGXConnectorMERCHANT			
New Delete Showing 1 to 1 of 1 Previous Next					

Fig 6. Credential map entry with username as MERCHANT associated with ra/DIGXConnectorMERCHANT connection pool.

Below credential entries must be configured in connector. Managed server restart is required after this configuration

- DIGXConnectorAES is mandatory entry, The password value for this must be a 16 digit AES key that must be set
- Remaining entries are optional and depend on the module used.

Out	Outbound Credential Mappings					
Ne	New Delete Showing 1 to 12 of 12 Previous Next					
	WLS User 🖚	EIS User	Outbound Connection Pool			
	Default	MERCHANT	ra/DIGXConnector/MERCHANT			
	Default	AES_KEY	ra/DIGXConnectorAES			
	Default	1°' ++c0jvadn3' * "	ra/DIGXConnectorLIVEEXP			
	Default	1J0d-d886-41 *** ' 58-669 Jule6 J	ra/DIGXConnectorNETVERIFY			
	Default	OBDX01	ra/DIGXConnectorOBVAM			
	Default	OBDX	ra/DIGXConnectorOBSCF			
	Default	OBDX02	ra/DIGXConnectorOBLM			
	Default	SADHASIVAM1	ra/DIGXConnectorOBCFPM			
	Default	OBDX	ra/DIGXConnectorOBCM			
	Default	OBDX	ra/DIGXConnectorASP			
	Default	OBDX	ra/DIGXConnectorINV			
	Default	SADHASIVAM1	ra/DIGXConnectorMO_IPM			
Ne	New Delete Showing 1 to 12 of 12 Previous Next					

