Connector Credential Store Guide Oracle Banking Digital Experience Release 22.1.0.0.0

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# ORACLE

Connector Credential Store Guide May 2022

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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 <a href="http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc">http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc</a>.

## 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 Release 22.1.0.0.0, refer to the following documents:

Oracle Banking Digital Experience Installation Manuals



# 2. Steps to Create Credential Mapping

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

Home >Summary of Deployments														
mmary of Deployments														
nfiguration Control Monitoring														
This page displays the list of Java EE applications and standalone application modules installed to this domain. You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page. To install a new application or module for deployment to targets in this domain, click <b>Install</b> . <b>Customize this table</b> Deployments														
Install Update Delete Showing 1 to 76 of 76 Previous   Next														
_			le								-		Showing 1 to	
	Name 🚕								State	Health	Туре	Targets	Showing 1 to	Deployment Order
		s.digx.con							State Active	🖋 ок	Type Resource Adapter		Showing 1 to	
												Targets	Showing 1 to	Deployment Order
	<mark>⊘</mark> com.ofs	-access							Active	🖋 ок	Resource Adapter	Targets obdx_cluster	Showing 1 to	Deployment Order
	<mark>⊘ com.ofs</mark>	-access -account	nector						Active Active	<ul><li>✓ ок</li><li>✓ ок</li></ul>	Resource Adapter Web Application	Targets obdx_cluster obdx_cluster	Showing 1 to	Deployment Order 0 100
	Com.ofs	-access -account -accounta	nector						Active Active Active	<ul> <li>✓ ок</li> <li>✓ ок</li> <li>✓ ок</li> </ul>	Resource Adapter Web Application Web Application	Targets       obdx_cluster       obdx_cluster       obdx_cluster	Showing 1 to	Deployment Order           0           100           100
	Com.ofs	-access -account -accountag -accountre	nector						Active Active Active Active	<ul> <li>✓ ок</li> <li>✓ ок</li> <li>✓ ок</li> <li>✓ ок</li> </ul>	Resource Adapter Web Application Web Application Web Application	Targets       obdx_cluster       obdx_cluster       obdx_cluster       obdx_cluster	Showing 1 to	Deployment Order           0           100           100           100
	Com.ofs	-access -account -accountag -accountre -alerts	nector						Active Active Active Active Active	<ul> <li>ОК</li> <li>ОК</li> <li>ОК</li> <li>ОК</li> <li>ОК</li> <li>ОК</li> </ul>	Resource Adapter Web Application Web Application Web Application	Targets obdx_cluster obdx_cluster obdx_cluster obdx_cluster obdx_cluster	Showing 1 to	Deployment Order 0 100 100 100 100

### 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 Monitoring	
Roles Policies Outbound Crede	ntial Mappings Inbound Principal Happi	ings Principals
default outbound credential imagings contains the table of outbound creden Customize this table		entes in the Enterprise Information System (ESS) to which you want to connect using a resource adapter. You can us source adapter, or specify particular extbound credential mappings for individual connection pools. This page
New Delete		Showing 0 to 0 of 0 Previous   Ner
the second second	EIS User	
WLS User 24	ET2 ONE	Outbound Connection Pool
WLS User Ps	ELS OW	OutBound Connection Pool There are no items to display

### 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.



Create a New Security Credential Happing						
Back Next Finish Cancel						
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.						
© Customize this table						
Create a New Security Credential Hap Entry for:						
Showing 11 to 17 of 17 Previous   Next						
Outbound Connection Pool A						
a/DGKConnector/ESCHAIT						
a/DIG/Connector08CFPM						
R/DGXCometar08LM						
a (DIG/Cometor085CF						
a (DIGXConnectorOBTFPM						
a,DIGXConnector08/AM						
Resource Adapter Default						
Showing 11 to 17 of 17 Previous   Next						
Back Next 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		ç				
🔒 Home Log Out Preferences 🔤 Record Help	Q Welcome, weblogic C	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 as the default for any authenticated WebLogic Server user that does not have a credential mapping specifically for them. Selecting 'Default' User' will configure the user that will be used for any authenticated WebLogic Server user. If you select 'Configured User' you must type in the WebLogic Server user that you are configuring. This user must be a configured WebLogic Server user.						
User for creating initial connections						
🖲 Default User						
O 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		Q	
🙆 Home Log Out Preferences 🖂 Record Help	Q	Welcome, weblogic Connected to: obdx_xacm	
Home >Summary of Deployments >com.ofss.digx.connector.rar >Role	5		
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:			
* 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.

nistration Console 12c								
館 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: obdx_xacr						
Home >Summary of Deployments >com.ofss.digx.connector.	rar >Roles							
Messages								
The new security credntial map entry for this resource	The new security creditial map entry for this resource 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	ipals						
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. This page contains the table of outbound credential mappings for this resource adapter.								
New Delete	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							

Home

