

**RSA Via L&G Connector Data Sheet
for
Oracle Identity Manager Version 11.1.2.0.0 (Release 2)**



Table of Contents

Supported Software	3
Prerequisites	4
Configuration	5
General	5
Settings	5
Capabilities	6
Command Input Parameters.....	7
1. CreateAccount	7
2. DeleteAccount.....	9
3. EnableAccount.....	9
4. DisableAccount	10
5. AddEntToAccount.....	10
6. RemoveEntFromAccount.....	11
7. CreateRole.....	12
8. DeleteRole.....	12
9. ChangeRoleProfile.....	13
10. AddEntToRole.....	14
11. RemoveEntFromRole	15
12. AddUserToRole	16
13. RemoveUserFromRole	17
Limitations.....	17

Purpose

This data sheet provides the configuration information required to create a new Oracle Identity Manager Version 2 connector.

Supported Software

RSA L&G Version: *6.9.1 and above*

Application: Oracle Identity Manager Release 2

Prerequisites

To configure this connector three files must be downloaded from the end-point (OIM server):

1. authwl.conf
2. oimclient.jar
3. wfullclient.jar

Following are the instructions to locate above mentioned files:

Note:

<WL_HOME> is a place-holder for actual location on your OIM installation where WebLogic server is located.

Example: **C:\Oracle\Middleware\wlserver_10.3**

<IDM_domain> is place-holder for the name of your installed domain name

Example: **Oracle_IDM1**

If wfullclient.jar file is not present on endpoint, you may have to generate it using following steps:

1. Open a command prompt and change directory to WL_HOME/server/lib: `cd %WL_HOME%/server/lib`
2. Use the following command to create wfullclient.jar in the WL_HOME/server/lib directory: `java -jar wljarbuilder.jar`
3. You can now download the wfullclient.jar.

File	Location
authwl.conf	This file can be found inside oimclient.zip , which should be present on the endpoint at following location: <WL_HOME>\Middleware\<IDM_domain>\server\client
oimclient.jar	This file can also be found in oimclient.zip
wfullclient.jar	This file can be found at following location: OIM_HOME\Middleware\wlserver_10.3\server\lib

Upload JAR files in OIM_R1 Connector Template

1. Go to AFX → Connector Templates → OIM_R2 Connector template
2. Upload JAR files: oimclient.jar, wfullclient.jar.

Configuration

The Connector creation is made up of three sections:

General – General details about the Connector; viz. the name, type etc.

Settings – The connection settings required to connect the RSA-IMG and the End-point Application in consideration.

Capabilities – These are the list of “verbs” or capabilities that the RSA-IMG Connector supports; for e.g. “Create, Update, Delete, etc.”

General

The following table helps you with the Parameters asked on the “General” screen while creating the Connector.

Field Name	Value
Name	Oracle Identity Manager Connector
Description	N/A
Server	AFX Server
Connector Template	OIM_R2
State	Test
Export As Template	Provide name to Export Connector template.[Optional]

Note: When you are satisfied your connector is configured properly change the state to Active. No automated provisioning will occur while in the Test state. It is recommended that you test all enabled commands using the Test Connector Settings and Test Connector Capabilities prior to changing to the Active state.

Settings

Connection Parameters	Values
Context Factory	<Context factory to be used to initialize the connection default: weblogic.jndi.WLInitialContextFactory>

OIM URL	<URL to the OIM endpoint (Format: 't3://<host-name>:14000')>
JAAS configuration file content	<p><Contents of JAAS configuration file authwl.conf></p> <p>Example:</p> <pre>xellerate{ weblogic.security.auth.login.UsernamePasswordLoginModule required debug=true; };</pre> <p>Note: AFX restart is required after updating this parameter's value.</p>
Admin Username	<User which has admin privileges on OIM endpoint>
Admin Password	<Password of above admin user>

Capabilities

The following table(s) helps you with the Parameters asked when enabling the commands (verbs) on the “Capabilities” screen; while creating the Connector.

Following commands are supported by OIM R2 AFX connector:

- Create Account
- Delete Account
- Enable Account
- Disable Account
- Add Resource to Account
- Remove Resource from Account
- Create an OIM Role
- Delete an OIM Role
- Modify an OIM Role
- Add Role to Role

- Remove Role from Role
- Add Role to account
- Remove Role from account

Command Input Parameters

1. CreateAccount

While defining the “CreateAccount” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	\${Account.Name}
Description	UserName of the user for which account is to be created

Parameter Name	FirstName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	First Name
Mapping	\${User.First_Name}
Description	FirstName of the user for which account is to be created

Parameter Name	LastName
----------------	----------

Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Last Name
Mapping	\${User.Last_Name}
Description	LastName of the user for which account is to be created

Parameter Name	Password
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Password
Mapping	\${AccountTemplate.Password}
Description	Password of the user for which account is to be created

Parameter Name	Email
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Email
Mapping	\${User.Email_Address}
Description	Email of the user for which account is to be created

2. DeleteAccount

While defining the “DeleteAccount” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	\${Account.Name}
Description	UserName of the account to be deleted

3. EnableAccount

While defining the “EnableAccount” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	\${Account.Name}
Description	UserName of the account to be enabled

4. DisableAccount

While defining the “DisableAccount” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	\${Account.Name}
Description	UserName of the account to be disabled

5. AddEntToAccount

While defining the “AddEntToAccount” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	\${Account.Name}
Description	UserName of the account for which entitlement is to be granted

Parameter Name	ResourceName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes

Is the parameter encrypted?	Yes
Display Name	Resource Name
Mapping	#{Entitlement.Resource_Name}
Description	ResourceName being granted

6. RemoveEntFromAccount

While defining the "RemoveEntFromAccount" verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	#{Account.Name}
Description	UserName of the account from which resource is to be revoked

Parameter Name	ResourceName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Resource Name
Mapping	#{Entitlement.Resource_Name}
Description	ResourceName being revoked

7. CreateRole

While defining the "CreateRole" verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	RoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the role to be created

Parameter Name	DisplayName
Type	STRING
Default Value	N/A
Is the parameter required?	No
Is the parameter encrypted?	Yes
Display Name	Role Display Name
Mapping	ApplicationRole.DisplayName
Description	DisplayName of the role to be created

Parameter Name	Description
Type	STRING
Default Value	N/A
Is the parameter required?	No
Is the parameter encrypted?	Yes
Display Name	Role description
Mapping	ApplicationRole.Description

Description	Description of the role to be created
-------------	---------------------------------------

8. DeleteRole

While defining the “DeleteRole” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	RoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the role to be deleted

9. ChangeRoleProfile

While defining the “ChangeRoleProfile” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	RoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the role to be modified

Parameter Name	DisplayName
Type	STRING

Default Value	N/A
Is the parameter required?	No
Is the parameter encrypted?	Yes
Display Name	Role Display Name
Mapping	ApplicationRole.DisplayName
Description	New DisplayName of the role to be modified

Parameter Name	Description
Type	STRING
Default Value	N/A
Is the parameter required?	No
Is the parameter encrypted?	Yes
Display Name	Role description
Mapping	ApplicationRole.Description
Description	New Description of the role to be modified

10. AddEntToRole

While defining the “AddEntToRole” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	ParentRoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Parent Role Name
Mapping	ApplicationRole.Name

Description	RoleName of the role to be made parent role in parent-child relationship
-------------	--

Parameter Name	ChildRoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Child Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the role to be made child role in parent-child relationship

11. RemoveEntFromRole

While defining the "RemoveEntFromRole" verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	ParentRoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Parent Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the parent role in parent-child relationship

Parameter Name	ChildRoleName
Type	STRING
Default Value	N/A

Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Child Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the child role in parent-child relationship

12. AddUserToRole

While defining the “AddUserToRole” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	\${Account.Name}
Description	UserName of the account for which role is to be granted

Parameter Name	RoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the role to be granted to

	account
--	---------

13. RemoveUserFromRole

While defining the “RemoveUserFromRole” verb, certain parameters need to be defined. The following tables will help you define these parameters. Each table is dedicated to one parameter.

Parameter Name	UserName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	User Name
Mapping	#{Account.Name}
Description	UserName of the account from which role is to be revoked

Parameter Name	RoleName
Type	STRING
Default Value	N/A
Is the parameter required?	Yes
Is the parameter encrypted?	Yes
Display Name	Role Name
Mapping	ApplicationRole.Name
Description	RoleName of the role to be revoked from account

Limitations

- AFX restart is required after changing value of JAAS configuration file content connection parameter.

COPYRIGHTS

Copyright © 2015 EMC Corporation. All Rights Reserved. Published in the USA.

TRADEMARKS

RSA, the RSA Logo, and EMC are either registered trademarks or trademarks of EMC Corporation in the United States and/or other countries. All other trademarks used herein are the property of their respective owners. For a list of EMC trademarks, go to www.rsa.com/legal/trademarks_list.pdf.