

# Oracle Health Insurance Back Office

Configuring the Remote Data Connector (RDC) for BI Cloud Service (BICS)

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ORACLE

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# **CHANGE HISTORY**

Release	Version	Changes
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10.18.2.0.0	1.1	Changed part number on title page.
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10.19.2.0.0	1.3	Changed part number on title page.
10.20.1.0.0	1.4	Changed part number on title page.

# **RELATED DOCUMENTS**

A reference in the text (**doc**[**x**]) is a reference to another document about a subject that is related to this document. Below is a list of related documents:

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## 1 Introduction

The BICS Remote Data Connector (RDC) was released in March 2016. It allows reports and analyses in BI Cloud Service (BICS) to directly connect to an On-Premise Oracle Database. When a report is run, a SQL request is generated by BICS and sent to the on-premise Weblogic server. Weblogic sends that request to the on-premise database, and then compresses the results before returning those to BICS where it is displayed. This gives customers with large on-premise data sets the ability to use BI Cloud Service without having to push all of that data to the cloud.

This guide is used to setup the RDC for an Oracle Health Insurance Back Office environment. The official Oracle RDC software and documentation, including a getting started guide, can be found here:

http://www.oracle.com/technetwork/middleware/bicloud/downloads/index.html

### **1.1 Prerequisites**

Before you set up Oracle BI Cloud Service Remote Data Connector, make sure that your environment meets these requirements:

- Weblogic server running in the On-Premise environment. Several instructions on the Oracle Health Insurance Back Office library can be found which will help you on how to install a weblogic server;
- Obtain the public IP and domain name;
- Download the Oracle BI Cloud Service Remote Data Connector WAR file (obiremotedataconnector.war) from OTN;
- Configure your load balancer or HTTP server for SSL communication. Knowledge of networking, security and firewalls is preferrable. The On-Premise weblogic server needs to be accessible externally, and the port defined in the RPD connection needs to correctly route to the weblogic server port;
- Download and install Oracle Business Intelligence Developer Client Tool;
- OHI\_BAC\_USER is created in the OHIBO and OHIDM database (M-5008);
- The BI Admin tool used to create the RPD must be 12c. Prior versions do not offer the JDBC (JNDI) Data Source option that is required for this process.

### **1.2** Architecture

Each Oracle BI Cloud Service instance is provisioned with a unique private key. A public key is available for download from Oracle BI Cloud Service Console. This public key when deployed on-premises in Remote Data Connector enables Remote Data Connector to verify the authenticity of a query received from a BI Server in Oracle BI Cloud service. SSL configured on-premises at a Load Balancer or HTTP servers provides secure access to on-premises data. This diagram shows a typical on-premises network architecture. Contact your network administrator for additional details about your network configuration.



## 2 Configure Weblogic

This chapter describes the installation of the RDC application into weblogic.

### 2.1 Deploy war file

 Download the War file application to be installed into Weblogic and save to a file location that is accessible to the server where Weblogic is running. This War file is available on OTN and is called 'BICS Remote Data Connector'

<u>http://www.oracle.com/technetwork/middleware/bicloud/downloads/index.</u> <u>html</u>

2. Copy the downloaded .zip file to the weblogic server and unzip. In the examples version 1.2 is used.



 Log in to Weblogic. Navigate to "Deployments" > "Install". Select the obiremotedataconnector-weblogic-v1-2.war file. Hit 'Next' to continue.

Install Application Assistant	
Back Next Finish Cancel	
Locate deployment to install and prepar	e for deployment
Select the file path that represents the applicati	ion root directory, archive file, exploded archive directory, or application module descr
Note: Only valid file paths are displayed below.	If you cannot find your deployment files, Upload your file(s) and/or confirm that your
Path:	/ohi/envBase/RDC/obi-remotedataconnector-weblogic-v1-2.war
Recently Used Paths:	/ohi/envBase/BCIMPL01/ohiBase/java
	/ohi/envBase/patch/10.16.2.2.0/java
	/ohi/envBase/patch/10.16.2.3.0/java
	/home/ilieberw/ozg_rcs
Current Location:	slc10udv.us.oracle.com / ohi / envBase / RDC
obi-remotedataconnector-tomc	at-v1-2.war
obi-remotedataconnector-webk	ogic-v1-2.war
Back Next Finish Cancel	

4. Select 'Install this deployment as an application'. Hit 'Next' to continue.

Install Application Assistant
Back Next Finish Cancel
Choose installation type and scope
Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.
The application and its components will be targeted to the same locations. This is the most common usage.
Install this deployment as an application
Application libraries are deployments that are available for other deployments to share. Libraries should be available
Install this deployment as a library
Select a scope in which you want to install the deployment.
Select a scope in which you want to install the deployment.  Scope: Global

5. Select the target managed server. In the example MS\_SVLIMPL01 is used. Hit 'Next' to continue.

Install Application Assistant	
Back Next Finish Cancel	
Select deployment targets	
Select the servers and/or clusters to which you want to deploy this application. (You	can reconfigure deployment targets later).
Available targets for obi-remotedataconnector-weblogic-v1-2 :	
Servers	
AdminServer	
MS_SVLIMPL01	
Back Next Finish Cancel	

6. Make sure 'DD only' and Use the defaults defined by the deployment's targets' is selected and hit 'Finish'.

Install Application Assistant
Back Next Finish Cancel
Optional Settings
You can modify these settings or accept the defaults.
* Indicates required fields
— General —
What do you want to name this deployment?
* Name: obi-remotedataconnector-weblogic
— Security —
What security model do you want to use with this application?
DD Only: Use only roles and policies that are defined in the deployment descriptors.     N
$\bigcirc$ Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.
$\bigcirc$ Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.
Advanced: Use a custom model that you have configured on the realm's configuration page.

7. Activate the changes if the weblogic server is in 'Production' mode.

## ORACLE WebLogic Server Administration Console 12c

Change Center	🔓 Home Log Out Preferences 🔤 Record Help
View changes and restarts	Home >Summary of Deployments
Pending changes exist. They must be activated to take effect.	Messages  The deployment has been successfully installed.
Activate Changes	$\checkmark$ You must also activate the pending changes to commit this, and other updates, to the active system.
Undo All Changes	Summary of Deployments

8. Start the deployment.

Summ	ary of D	eployment	s		
Config	guration	Control	Monitoring		
This You	page disp can start	lays the list and stop ap	of Java EE app plications and m	lications and standalone application modules installed to this domain. nodules from the domain by selecting the checkbox next to the application name and then using the contro	ols on this pag
Denl	ovment				
Star	rt v St	op 🗸			
	Name 4	ò			State
	HSL_	POL (v4.15)			Active
	HSL_	REL (v4.8)			Active
<b>V</b>	🛨 obi-re	motedataco	onnector-weblo	gic-v1-2	Prepared
	SIC_0	DOZWEBSER	RVICEJ		Active
	SIC_(	DOZWEBSEF	RVICES		Active
	state-ma	inagement-p	provider-memor	y-rar	Active
	E SVLB	DWS (v4.37	'4)		Active
Star Ser Ser	rt v St vicing all vicing onl	op 🗸 reques(k y administra	tion requests		

Start Application Assistant	
Yes No	
Start Deployments	
You have selected the following deplo • obi-remotedataconnector-we	yments to be started. Click 'Yes' to continue, or 'No' to cancel. blogic-v1-2
Yes No	

9. The Remote Desktop Connector has metadata security built in. To fully verify the application is working, and to connect to it through the BI Admin tool, this security will need to be temporarily disabled. Shutdown the Weblogic Server, and then in the same command shell or shell script used to start weblogic – set this variable:

export DISABLE\_RDC\_METADATA\_SECURITY=1

Then re-start the Weblogic admin or managed server (depending on where you deployed the .war file).

10. To confirm the Remote Desktop Connector was installed correctly, navigate to this path:

"http://<weblogic-server>:<weblogic-managed serverport>/obiee/javads?status".

```
This XML file does not appear to have any style information associated with it. The document tree is shown below

    <JavaDSServer>

      - <Services>
                  </Services>
          <Cartridges>
            </Cartridge>
            </Cartridges>
       – <ConfigSources>
              - <ServiceProperties>
                          #DatasrcServer/src/jdbc-only-serviceprocessor.properties oracle. bi.datasource.service DatasourceServiceProcessor
                   </ServiceProperties>
              - <CartridgeProperties>
                       \# DatasrcServer/src/jdbc-only-cartridges.properties\ jdbc=oracle.bi.datasource.jdbc.JDBCCartridges.properties\ jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasource.jdbc=oracle.bi.datasour
                    </CartridgeProperties>
     </ConfigSources>
</JavaDSServer>
```

If you see this message, the security was not disabled in the previous step.

#### Error 401--Unauthorized

#### From RFC 2068 Hypertext Transfer Protocol -- HTTP/1.1:

#### 10.4.2 401 Unauthorized

The request requires user authentication. The response MUST include a WWW-Authenticate header field (section 14.46) resource. The client MAY repeat the request with a suitable Authorization header field (section 14.8). If the request 401 response indicates that authorization has been refused for those credentials. If the 401 response contains the s agent has already attempted authentication at least once, then the user SHOULD be presented the entity that was give relevant diagnostic information. HTTP access authentication is explained in section 11.

### 2.2 Create data source

Multiple data sources can be setup. Use the following process for each and use a unique name. The connection to each data source would then be defined in the RPD connection.

1. Within the Weblogic Administration Console, expand 'Services' and 'Data Sources' and select 'New' to create a new data source. If running in production mode, press 'Lock&Edit' first.



2. Select 'Generic Data Source' in the options:



3. Enter a Name for the Data Source and a JNDI Name, and the database type. In the initial release of the RDC tool, 'Oracle' is the only supported Database type. In future releases this will be expanded to other vendors. Note – the JDNI Name forms part of the URL used to access the data source, so try to avoid spaces and other characters that may cause problems with the URL. Hit 'Next' to continue.

Home >Summary of Deployments >Summary of Servers >Summary of JDBC Data Sources

eate a New JDBC Data Source	
Back Next Finish Cancel	
JDBC Data Source Properties	
The following properties will be used to identify you	r new IDBC data source
Indicates required fields	Thew sobe data source.
What would you like to name your new JDBC data so	urce?
🛱 * Name:	
	JUBC Data Source BICS BCIMPL01
What scope do you want to create your data source	in?
Scope:	
	Global
What JNDI name would you like to assign to your ne	w JDBC Data Source?
🕾 INDI Name:	
jdbc/DSBCIMPL01_BICS	
Nia 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
What database type would you like to select?	

- 4. For the Database Driver select the appropriate driver for the On-Premise Oracle Database. In the initial release, the following options are currently supported:
  - Oracle's Driver (Thin) for Instance Connections;
  - Oracle's Driver (Thin) for RAC Service-Instance Connections;
  - Oracle's Driver (Thin) for Service Connections;

In this case the 'Oracle's Driver (Thin) for Service Connections' is selected.

reate a New JDBC Data Source		
Back Next Finish Cancel		
JDBC Data Source Properties		
The following properties will be use	d to identify your new JDBC data source.	
Database Type:	Orade	
What database driver would you like	to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle We	bLogic Ser
Database Driver:	*Oracle's Driver (Thin) for Service connections; Versions:Ally	
Back Next Finish Cancel	*Oracle's Driver (Thin XA) for Application Continuity; Versions:Any *Oracle's Driver (Thin XA) for Instance connections; Versions:Any *Oracle's Driver (Thin XA) for RAC Service-Instance connections; Versions:Any	
	*Oracle's Driver (Thin XA) for Service connections; Versions:Any *Oracle's Driver (Thin) for Application Continuity: Versions:Any	
	*Oracle's Driver (Thin) for Instance connections; Versions:Any	
	*Oracle's Driver (Thin) for RAC Service-Instance connections; Versions:Any	
	*Oracle's Driver (Thin) for Service connections; Versions:Any	
	*Oracle's Driver (Thin) for pooled instance connections; Versions: Any	
	DataDirect's Oracle Driver (Type 4 XA) Versions:Any	
	DataDirect's Oracle Driver (Type 4) Versions:Any	
	Other	

5. Keep the default options for the 'Supports Global Transactions' and 'One-Phase Commit' and hit 'Next'.

Create a New JDBC Data Source
Back Next Finish Cancel
Transaction Options
You have selected non-XA JDBC driver to create database connection in your new data source.
Does this data source support global transactions? If yes, please choose the transaction protocol for
✓ Supports Global Transactions
Select this option if you want to enable non-XA JDBC connections from the data source to participate i transaction optimization. Recommended in place of Emulate Two-Phase Commit.
O Logging Last Resource
Select this option if you want to enable non-XA JDBC connections from the data source to emulate par if your application can tolerate heuristic conditions.
O Emulate Two-Phase Commit
Select this option if you want to enable non-XA JDBC connections from the data source to participate i processing. With this option, no other resources can participate in the global transaction.
One-Phase Commit
Back Next Finish Cancel

6. Enter the appropriate values for the On-Premise Oracle Database. Use the ohi\_bac\_user as the 'database user name'. Hit 'Next' to continue.

Create a New JDBC Data Source	
Back Next Finish Cancel	
Connection Properties	
Define Connection Properties.	
What is the name of the database you would like to connect to?	
Database Name:	bcimpl01
What is the name or IP address of the database server?	
Host Name:	slc10udv.us.oracle.com
What is the port on the database server used to connect to the database?	
Port:	1521
What database account user name do you want to use to create database connect	tions?
Database User Name:	ohi_bac_user
What is the database account password to use to create database connections?	
Password:	•••••
Confirm Password:	•••••
Additional Connection Properties:	
oracle.jdbc.DRCPConnectionClass:	
Back Next Finish Cancel	

7. Make sure the configuration is correct, then 'Test Connection'. If the connection is successful aliak 'Novt'

Messages								
Connection test succeeded.								
Create a New JDBC Data Source								
Test Configuration Back Next Finish Cancel								
Test Database Connection								
Test the database availability and the connection properties	you provided.							
What is the full package name of JDBC driver class used to cre	ate database connections in the connection pool?							
(Note that this driver class must be in the classpath of any ser	ver to which it is deployed.)							
Driver Class Name:	oracle.jdbc.OracleDriver							
What is the URL of the database to connect to? The format of	the URL varies by JDBC driver.							
URL:	jdbc:oracle:thin:@//slc10udv.us.oracle.com:1521/bcimj							
What database account user name do you want to use to crea	te database connections?							
Database User Name:	ohi_bac_user							
What is the database account password to use to create data	base connections?							
(Note: for secure password management, enter the password in the Password field instead of the Properties field below)								
Password:	•••••							
Confirm Password:	•••••							
What are the properties to pass to the JDBC driver when crea	ting database connections?							

8. On the final configuration screen, select the Target to deploy the JDBC data source. In this case we use the MS\_SVLIMPL01 managed server. Hit 'Finish' to complete the configuration.

Create a New JDBC Data Source
Back Next Finish Cancel
Select Targets
You can select one or more targets to deploy your new JDBC data source. If you don't selec
Servers
AdminServer
MS_SVLIMPL01
Back Next Finish Cancel

9. Activate the changes if the weblogic server is in 'Production' mode.

Change Center	🚹 Home Log Out Preferences 🔤 Record Help				
View changes and restarts	Home >Summary of Deployments >Summary of Servers >Summary of JDBC Data Sources				
Click the <i>Lock &amp; Edit</i> button to modify, add or delete items in this domain.	Messages				
Lock & Edit	Summary of JDBC Data Sources				
Release Configuration	Configuration Monitoring				

## 2.3 Download and deploy public key

Within the Service Console for BICS, Select the 'Database Connections' tab, and then 'Get Public Key'.

Signed In As	
Database Connections	
	Get Public Key
ud database included with your service and othe	er databases that you create
	Signed In As

Save the key on the weblogic server in the following path: \$DOMAIN\_HOME/rdc\_keys/<deployment\_name>

The <deployment\_name> is 'obi-remotedataconnector' by default. In our example, the path is /ohi/envBase/mwdata/domains/OHISVL/rdc\_keys/obi-remotedataconnector-weblogic-v1-2.

🧬 oracle@slc10udv:/ohi/envBase/mwdata/domains/OHISVL/rdc_keys/obi-remotedataconnector-weblogic-v1-2 📃 💻 🗮	
[oracle@slc10udv[BCIMPL01] obi-remotedataconnector-weblogic-v1-2]\$ pwd /ohi/envBase/mwdata/domains/OHISVL/rdc_keys/obi-remotedataconnector-weblogic-v1-2 [oracle@slc10udv[BCIMPL01] obi-remotedataconnector-weblogic-v1-2]\$	*

The name of the 'pem' file is not important. The tool will read all 'pem' files in the directory. If a single on-premise weblogic server is being used for multiple BICS instances (for instance a 'Dev' and 'Production'), then both of the 'pem' keys should be saved here. As long as the file type is left as '.pem', then they will both be read and used, no matter what the file is renamed to.

## 3 Setup RPD

This chapter describes the setup of the RPD and publish the file to BICS.

## 3.1 Setup RPD connection

1. Download the Oracle Business Intelligence Developer Client Tool

http://www.oracle.com/technetwork/middleware/bicloud/downloads/index. html

2. Open the 12c Admin Tool but **Do NOT Open the Existing On-Premise RPD**. Under the 'File' menu, select 'Load Java Datasources'. If this option is not available, the Admin Tool is not the correct version.

ile	Edit	View	Manage	Tools	Diagram	Window Help
N	ew Rep	oository			Ctrl+	(*) 🛃 💼 🚺 N
0	pen					•
М	ultiuse	er				<ul> <li>iness Model an</li> </ul>
So	ource (	Control				• 📦 <u>BI</u>
CI	ose					
Sa	ive				Ctrl +	S E HACI_C
Sa	ive As					•
Co	opy As					•
Cł	hange	Passwo	rd	-	-	
Lo	ad Jav	'a Datas	ources		5	
Pr	int Pre	view				
Pr	int					
Im	nport N	/letadat	a			
C	ompar	e				

3. Enter the Host Name / IP address, port, and user that can connect to the weblogic server where the RDC was installed. NOTE – this hostname or IP does not need to be available externally. This is just used to load the Java Datasource in the RPD for this step.

In this example, the port of the managed server is used.

Connect to J	ava Datasource Server	<u> </u>
<u>H</u> ostname: P <u>o</u> rt: <u>U</u> ser: <u>P</u> assword:	slc10udv.us.oracle.com 6610 weblogic	OK Cancel Help
Oracle BI Adminis	stration Tool	udv.us.oracle.com:6610
		ОК

4. Open the RPD file which is delivered in the patch directory of OHI Back Office.

e oracle@slc10udv:/ohi/envBase/mwdata/domains/0	HISVL/rdc_keys/obi-remotedataconnector-weblogic-v1-2
[oracle@slc10udv[BCIMPL01] obi-remote /ohi/envBase/patch/10.17.1.1.0/report /ohi/envBase/patch/10.17.1.2.0/report /ohi/envBase/patch/10.17.1.3.0/report [oracle@slc10udv[BCIMPL01] obi-remote	dataconnector-weblogic-v1-2]\$ locate BAC_OHI_BI.rpd :/BAC_OHI_BI.rpd :/BAC_OHI_BI.rpd :/BAC_OHI_BI.rpd :/BAC_OHI_BI.rpd :dataconnector-weblogic-v1-2]\$
Oracle BI Administration Tool	of the summer of the state
File Tools Help	
New Repository Ctrl+N	N 📴 📴 📾 🔈 🔊 🗗 🤅
New Repository Ctrl+N Open	V III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
New Repository Ctrl+N Open Multiuser	V III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

Enter the password.

Or	acle BI	Adminis	tration	n Tool					-	-	-		74	1.4	ull I	11.6	a
ile	Tools	Help															
D	iii 🖉	🖻 🖥	8	8	<b>X</b> 🗎	ti i	2 2	8	⊕ ®,	9, 5		1 26					
													_				
											_		_	_	_		
											Open (	Offline B	AC_OHI_	BI.rpd			×
											Repo	sitory Pa	ssword:				ок
																	Cancel
											II '					_	use (
																	нер
																	/

Oracle BI Administration Tool - BAC_OHI_BI.rpd	and servers / he I had 11 had theme -	
File Edit View Manage Tools Diagram Window Help		
📗 🗅 📽 📽 😭 📇 🕌 🚜 🖬 🏥 🔽 🔯 📾 🗞 🖑 倒 🍕	4 9. 5. 5. 5. 11   H	
Presentation	Business Model and Mapping	Physical
⊕	BO Analytics Goud	e 🔋 OHIBO e 🗄 OHIDM

5. Click on the OHIBO physical environment



6. The connection pool setup is opened.

onnection Pool - OHIB		
General Connection Sc	ripts XML Write Back Miscella	neous
Name: OHIBO		Permissions
Call interface:	Default (OCI 10g/11g)	-
Maximum connections:	10 +	
🔲 Require fully qualifie	d table names	
Data source name:	BO	
Shared logon		
User name:	ohi_bac_user Passwo	rd:
Enable connection	pooling	
Timeout:	5	(minutes) 💌
Vse multithreaded of	connections	
Parameters support	ed	
Isolation level:	Default	•
Description:		
		<u> </u>

Change the 'Call interface' to JDBC (JNDI).

nnection Pool - OHIB		
General Connection Sc	rripts XML Write Back Miscellan	eous
Name: OHIBO		Permissions
Call interface:	Default (OCI 10g/11g)	•
Maximum connections:	Default (OCI 10g/11g)	
Require fully qualifie	ODBC 3.5	
Data source name:	OCI 10g/11g	
Shared logon	JDBC (Direct Driver)	
User name:	JDBC (JNDI) JDBC (BIJDBC)	
Enable connection	pooling	
Timeout:	5	(minutes) 💌
Use multithreaded of	connections	
Parameters support	ed	
Isolation level:	Default	-
Description:		
		<b>A</b>

Change the datasource name to:

http://<server>:<port>/obiee/javads/DSBCIMPL01\_BICS

In our example we use: http://slc10udv.us.oracle.com:6610/obiee/javads/DSBCIMPL01\_BICS

Click on the miscellaneous tab. Empty the 'Required Cartridge version' and set 'Use SQL Over HTTP' to 'true'.

Connection Pool - OHIBO	
General Connection Scripts XML Write Back	Miscellaneous
Javads Properties	
Required Cartridge Version	
Use SQL Over HTTP true	

Hit Ok. A password is asked again. This is the password of the Weblogic administrator. Usually Weblogic.

Connection Pool - OHIBO
General Connection Scripts XML Write Back Miscellaneous
Javads Properties Required Cartridge Version
Use SQL Over HTTP true
Confirm Password
Password:
OK Cancel

7. Save the file locally.



## 3.2 Import RPD in BICS

In order to upload the RPD file to BICS. Follow these steps:

1. In the BI Cloud Service Console, select 'Snapshots and Models'



2. Select the 'Replace Data Model' option

ORACL	E Business Int	elligence Cloud S	ervice				*	٩ 0
					0		×	
		VA Projects	Dashboards	Analyses	Catalog	Modeler	Console	Academy
Snapshot Syster	n State 👩							
A Snapshot takes a cop	y of all system state. At a	iny time the system can	be restored to one of th	nese stored Snapshots	. Restoration may imp	act existing user sessi	ons.	
New Snapshot	Upload Snapshot	Replace Data Mode						
Ô	10 Feb 2016 (11:02:1 Description: BeforeRi Username: Callor m	1) PDtest						

3. Browse to the RPD and enter the Repository password. Then click 'OK'.

Replace Data		@ ×	
Data model files Enterprise Editior	(.rpd) include a data model defined an 1.	d saved from O	racle Bl
Data Model File	ON_PREM_CONNECT_DEMO.rpd	Update	
* Password	••••••		
Differences to upload ca the current r	between the current data model and th in break existing reports. Before you pr nodel in case you want to restore it.	ie model that yo oceed, take a si	u are about napshot of
		OF	Cancel

## 4 Setup catalog

This chapter describes the setup of the catalog file to BICS.

## 4.1 Upload catalog

1. Copy the catalog file, which is delivered in the patch directory of OHI Back Office, to a local directory.



2. Login to BICS. Go to the service instance.



3. Click on the service instance



4. Go to catalog.

September 21, 2017				
Welcome				
Recent Favorites				0
Test 1 - pagina 1		VA Projects	Dashboards	Analyses
		Catalog	Modeler	Console
+ Create	<b>O</b> Tour	Academy		

Select 'Company shared'. 5.

Click 'Unarchive'. 

DRACLE' But	siness Intellige	ence Cloud Service		
	VA Projects	Dashboards	Analyses	Catalog
User View 🔻 🎁 🔻 😏 🖻	∎ <b>`</b> ⊂ <b>`</b> ■ •	- ■ / ■ - □	×∎∎	Location /Company S
⊿ Folders	Type All	▼ Sort N	Name A-Z	▼ Show More
My Folders		SampleApp   Last M Expand More ▼	Modified 2-6-2015 8:42:	39 Owner BI Service A
Company Shared				
Tasks				
Company Shared	A			
Expand Archive				
X Delete	e			
Copy NZ Propertie	s			

Click 'Upload the catalog'. Select the locally copied catalog file.

6. Check if the reports are available. Click on dashboards.

## 5 Appendix A – Information

PLEASE NOTE. The Remote Desktop Tool will not work with customer SSL certificates that include a wildcard character '\*' in the Common Name (CN). If HTTPS is being used, and errors are found, then check this is not the cause.

Use this URL: https://www.sslshopper.com/ssl-checker.html and in the 'Server Hostname' enter the full https URL being called in RDC, and then check it. If wildcard characters are being used, then a new certificate without these need to be generated.

There is a fix in the works for RDC, but currently this is not in place.