

Oracle Financial Services Treasury Risk Pack Installation Guide

Version 8.0.4.0.0

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Financial Services

DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
1.0	Created: March 2017	Captured 8.0.4.0.0 Minor Release installation procedure and configuration details.
2.0	Modified: March 2017	<ul style="list-style-type: none"> Modified Update Constraints Utility section based on Bug 25769588 Updated prerequisites for Solaris
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Executive Summary

This document includes the necessary instructions to apply 8.0.4.0.0 Minor Release for OFS Treasury Risk Application Pack and perform the required post install configurations. You can find the latest copy of this document in [OHC Documentation Library](#).

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Preface

This document provides step-by-step instructions to install the Oracle Financial Services Treasury Risk (OFS TR) Application Pack 8.0.4.0.0 Minor Release.

This chapter discusses the following topics:

[Audience](#)

[Prerequisites for the Audience](#)

[How this Guide is Organized](#)

[Recommended Environment](#)

[Related Documents](#)

[Conventions and Acronyms](#)

Audience

The OFS TR Application Pack Installation Guide is intended for administrators and implementation consultants who are responsible for installing and maintaining the application pack components.

Prerequisites for the Audience

The document assumes that you have experience in installing Enterprise components. Additionally, basic knowledge about the following is recommended:

- Oracle Financial Services Treasury Risk Application Pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

How this Guide is Organized

The OFSTR Application Pack Installation Guide includes the following topics:

[OFSTR Release 8.0.4.0.0](#)

[Appendix A – Frequently Asked Questions \(FAQ\)](#)

Recommended Environment

Infrastructure application has been tested with Microsoft Internet Explorer™ browser. For best viewing of pages, set the screen resolution to a minimum resolution of 1024 x 768 pixels.

NOTE: Oracle Financial Services Market Risk application is compatible with MS Internet Explorer 9, 10 (Compatibility Mode) and 11 (Compatibility Mode).

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.

Related Documents

For more information, refer the OFS Treasury Risk Applications Pack 8.0.4.0.0 documents available in the [OHC Documentation Library](#).

- Oracle Financial Services Liquidity Risk Management User Guide
- Oracle Financial Services Liquidity Risk Management Regulatory Calculations User Guide
- Oracle Financial Services Liquidity Risk Management Analytics User Guide
- Oracle Financial Services Market Risk User Guide
- Oracle Financial Services Analytical Applications Infrastructure User Guide ([OHC Documentation Library](#))
- Oracle Financial Services Analytical Applications Infrastructure Installation Guide ([OHC Documentation Library](#))
- Oracle Financial Services Data Foundation Technical Documents (MoS Doc ID: [2170313.1](#)). Refer the relevant version of the metadata sheet available in the MoS document (For CAS refer T2T Metadata Staging, and for SCD components refer SCD Metadata sheet).

Conventions and Acronyms

Conventions	Description
	Actions are indicated in Bold .
	Command or query is indicated in <code>Courier New font</code> .
AIX	Advanced Interactive eXecutive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure

Conventions	Description
OFS AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OFS TR	Oracle Financial Services Treasury Risk Application Pack
RHEL	Red Hat Enterprise Linux
ML	Maintenance Level
R	Third-party open source software. Open source R is governed by GNU General Public License (GPL).
Oracle R Distribution	Oracle R Distribution is Oracle's free distribution of open source R.
Oracle R Enterprise	Oracle R Enterprise integrates R, the open source scripting language and environment, with Oracle Database.
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.
Infodom	Information Domain

1 OFS Treasury Risk Application Pack Minor Release 8.0.4.0.0

This release of OFS TR Application Pack is cumulative and includes all enhancements and bug fixes done since the OFS TR Application Pack v8.0.0.0.0 release.

NOTE: If you have defined any custom run purpose, ensure to take a back up of the tables FSI_LRM_LOOKUP_TL and FSI_LRM_PROCESS_PURPOSE_MAP, before you run the upgrade.

1.1 Pre Installation Requirements

1. You should have installed OFSTR Application Pack version 8.0.0.0.0, OFSTR Application Pack version 8.0.1.0.0, or OFSTR Application Pack version 8.0.2.0.0.

NOTE: You can refer to [Technology Matrix](#) for Hardware and Software Requirements.

2. Replace the \$ATOMIC_DB with the actual ATOMIC schema names and then execute the following grants in the CONFIG Database:
 - grant select on METADATA_LOCALE_MASTER to \$ATOMIC_DB;
 - grant select on REVELEUS_MASTER to \$ATOMIC_DB;
 - grant select on REV_MAST_MAP_ITEMS to \$ATOMIC_DB;
3. To install this release on Oracle Solaris OS, refer to the following list for version specific information:
 - Solaris 11 – Upgrade to Oracle Solaris 11.3 with SRU09 or higher. See https://docs.oracle.com/cd/E60778_01/html/E60743/gouaw.html#scrolltoc to upgrade to SRU09 if you have a lower SRU version. Additionally, install the required runtime libraries. For more information, see [Installing Only the Runtime Libraries on Oracle Solaris 11](#).
 - Solaris 10 – Install the required OS patches. For more information, see [Installing the Required Oracle Solaris 10 Patches](#). Additionally, install the required runtime libraries. For more information, see [Installing Only the Runtime Libraries on Oracle Solaris 10](#).

NOTE: In an OFSAA instance where multiple OFSAA application packs have been installed/ deployed, it is mandatory to upgrade all OFSAA application packs to 8.0.4.0.0 release. You should start the upgrade of OFS TR pack, only after confirming that all of the application packs in your OFSAA instance are available for upgrade to 8.0.4.0.0 version. For information on availability of the required OFSAA Application Packs, see [2246606.1](#).

4. Connect to the database as user with DBA privileges. Execute the following grant statement:

```
GRANT CREATE TYPE TO [<ATOMIC SCHEMA>];
```

NOTE: This grant should be executed for all existing Atomic Schemas.

5. Download the one-off patch **25343603** from My Oracle Support if OFSAA is deployed on Oracle WebLogic Server version 12.2.x.
6. If you are upgrading from OFSTR Application Pack version 8.0.2.0.0 to OFSTR Application Pack version 8.0.4.0.0, ensure that you rename the below tables before proceeding with OFS TR 804 installation.
 - FSI_INTERCOMPANY_CF_TXNS_TR802
 - FSI_BAU_TB_ALLOC_FACTOR_TR802
 - FSI_BAU_ALLOC_FACTOR_TR802
 - FSI_INSURANCE_COV_SEQ_TR802
7. If you are upgrading from OFSTR Application Pack version 8.0.2.0.0 to OFSTR Application Pack version 8.0.4.0.0, and intend to use Oracle Linux/Red Hat Enterprise Linux v7.x, then download and install the one-off patch **22930093** from [My Oracle Support](#).

Additionally, the following configuration is required only if you intend to use Oracle Linux/Red Hat Enterprise Linux v7.x for OFSAAI 8.0.4.0.0 version.

For Oracle Linux/RHEL 7.x, navigate to `OFS_TR_PACK/OFS_AAI/bin/` and modify the value for property `Linux_VERSION` to include 7 in the `VerInfo.txt` file and save the changes.

For example, `Linux_VERSION=5,6,7`

NOTE: If you are executing the Schema Creator Utility on Oracle Linux/Red Hat Enterprise Linux v7.x, then perform the following modification on `osc.sh` file. Change the below command from

```
elif test $myvar = "Linux" ; then machineIP=`/sbin/ifconfig | grep
"inet addr"|head -1|tr -s '\t' ' '|cut -d ' ' -f3|cut -d ':' -f2`
to
```

```
elif test $myvar = "Linux" ; then machineIP=`/sbin/ifconfig | grep
"inet"|head -1|tr -s '\t' ' '|cut -d ' ' -f3|cut -d ':' -f2`
```

8. Download the consolidated one-off patch 25777667 from My Oracle Support.

1.2 Pre Installation Activities

NOTE: When merging lower version of an application with integrated data model, retain the larger size of column length.

Update the configuration file `Params.conf` file before triggering the installation. The file `Params.conf` file is available in the path `/OFS_TR_PACK/OFS_TR/conf`

Following are the input parameters for `Params.conf` file:

Model Upload Process: Input values required are 0/1

- **1** indicates Trigger Model Upload
- **0** indicates Skip Model upload process

If the value is **1**, then next option is to choose the option of type of Model upload

- **0** indicates Released Data Model
- **1** indicates Customized Data Model

If the value of Model upload type is **1**, then provide the inputs for Data Model name and the path of Data Model.

NOTE:

If the LRM one off patches 8.0.2.0.111 or 8.0.2.0.112 has been applied, then follow the below steps:

1. Merge the data model of 8.0.2.0.111 or 8.0.2.0.112 with the 8.0.4.0.0 Data model outside the installer. If the data model is created on Erwin 9.64, then download and apply the patch **23180652** from support.oracle.com, before the model upload is triggered.
 2. Upload this data model xml file choosing the “Sliced” Upload mode through the front end in the Data Model Maintenance screen before proceeding with the 8.0.4 installation.
 3. Post the data model upload, update the `params.conf` file present inside `OFS_TR` with '0' for the `UPLOAD_MODEL` parameter.
 4. Proceed with the TR 8.0.4.0.0 application pack installation (The Erwin files are available as download as part of patch **25754589** in support.oracle.com).
-

NOTE: During the OFSTR Application Pack version 8.0.2.0.0 installation, as part of pre-model activity the following table data is truncated by taking a back-up of the table. It is possible to revert the data to the main table as required, from the backup tables created.

Table Name	Back-up Table Name	Description
FSI_INTERCOMPANY_CASHFLOW_TXNS	FSI_INTERCOMPANY_CF_TXNS_TR802	A new column – <code>N_RESULT_BUCKET_SKEY</code> has been added in 801, and is part of the composite primary key.

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Table Name	Back-up Table Name	Description
FSI_BAU_TB_ALLOCATION_FACTOR	FSI_BAU_TB_ALLOC_FACTOR_TR802	A new column – n_run_skey has been added in 801, and is part of the composite primary key.
FSI_BAU_ALLOCATION_FACTOR	FSI_BAU_ALLOC_FACTOR_TR802	A new column – n_run_skey has been added in 801, and is part of the composite primary key.
FSI_INSURANCE_COVERAGE_SEQ	FSI_INSURANCE_COV_SEQ_TR802	A new column – n_run_skey has been added, and is part of the composite primary key.

1.3 How to Apply This Release?

1.3.1 Installing OFSTR Application Pack

Refer to the following instructions to download, extract, install, and configure this release.

1. Log in to <https://support.oracle.com/> and search for **25650000** under the *Patches & Updates* tab.
2. Download the OFSTR Application Pack v8.0.4.0.0 archive file and copy it to your OFSAA server in **Binary** mode.

NOTE: The archive files are different for every operating system such as AIX, Solaris, and RHEL/Oracle Linux.

3. Log in to the OFSAA Server.
4. Shut down all the OFSAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).

5. Execute the following command:

```
chmod -R 750 $FIC_HOME
```

6. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) and copy it in **Binary** mode to the directory that is included in your PATH variable, typically **\$HOME** path or directory in which you have copied the 8.0.4.0.0 installer.

- Uncompress the unzip installer file using the command:

```
uncompress unzip_<os>.Z
```

NOTE: In case you notice an error message “**uncompress: not found [No such file or directory]**” when the package is not installed, contact your UNIX administrator.

- Give EXECUTE permission to the file using the command:

```
chmod 751 OFS_TR_8.0.4.0.0_<OperatingSystem>.zip.
```

7. Extract the contents of the 8.0.4.0.0 archive file using the command:

```
unzip -a <name of the file to be unzipped>
```

NOTE: Rename or remove the existing OFSAA Application Pack folder from the OFSAA server prior to extracting the contents from the release archive (.zip). For example: For this release when extracted from the archive creates a folder with name *OFS_TR_PACK*. Rename or remove if a folder with the same name exists in the path where the release archive is copied.

NOTE: The above “-a” option is mandatory to unzip the archive file. For example:
`unzip -a OFS_TR_8.0.4.0.0_<OperatingSystem>.zip`

8. Navigate to the path where the folder *OFS_TR_PACK* exists -
OFS_TR_8.0.4.0.0_<OperatingSystem>.zip and execute the command:
9. Complete the steps mentioned in section [1.2 Preinstallation Activities](#)
10. Navigate to the path */OFS_TR_PACK/* and execute the file **OFSAIUpdate.sh** using the following command.

```
./OFSAIUpdate.sh
```

Verify if the patch is applied successfully by checking the log files generated in the installation folder:

- When the patch is applied on 8.0.1 and 8.0.2 the log files are generated in the following location: */OFS_TR_PACK/OFS_TR/logs* and */OFS_TR_PACK/logs*
- When the patch is applied on 8.0.4 (If you have a release 8.0.4 application pack already installed, and TR pack is installed in the set up, then OFS AAI is installed by another pack), the log files are generated in the following location: */OFS_TR_PACK/OFS_TR/logs*

Note:

- You can ignore ORA-00001, ORA-00955, ORA-02260, and ORA-01430, and ORA-01031 errors in the log file.
- You can ignore below errors in the log when TR 8.0.4 is installed over TR 8.0.1 or 8.0.2:
 - Object already exists
 - Table already has a primary key
- In case of any other errors, contact Oracle Support.

11. If OFSAA is deployed on *Oracle WebLogic Server version 12.2.x*, install the one-off patch **25343603**. Refer to the Readme available with the patch for further instructions on installing the patch.

NOTE: Refer to the [Technology Matrix](#) for a list of supported servers for OFSAAI 8.0.4.0.0.

12. Install the consolidated one-off patch **25487272**. Refer to the Readme available with the patch for further instructions on installing the patch.
13. Install the consolidated one-off patch **25777667**. Refer to the Readme available with the patch for further instructions on installing the patch.
14. Verify the `Update.log` file located at `$FIC_HOME/utility/UpdateConstraints/logs` folder which is created by Update Constraint utility.

Execution status information of the utility is available against each Information domain. For success, “*Update successful*” message is displayed. If it is successful, verify the following references for new constraint names:

- `ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml`
- *Constraint scripts under ftpshare/<INFODOM>/erwin/scripts/table*
- *Constraint scripts under ftpshare/<INFODOM>/scripts*
- Object registration tables for constraints, REV_TAB_CONSTRAINTS, REV_TAB_REF_CONSTRAINTS, REV_TAB_CONSTRAINT_COLUMNS.
- Oracle Data Dictionary in respective atomic schema for each Infodom.

If you encounter errors in the `Update.log` file, identify and troubleshoot the failed Infodom. Once you have completed the troubleshooting, execute the standalone utility for the failed Infodom. For more information on executing the update constraints utility, see the section [Update Constraints Utility](#).

15. Secure your OFSAA Infrastructure. For more information on securing your OFSAA Infrastructure, refer to the OFSAA Security Guide in [OHC Documentation Library](#).
16. After successful installation, follow these steps:
 - Clear the application cache. Navigate to the following paths depending on the configured web application server and delete the files.
 - **Tomcat:**
`<Tomcat installation folder>/work/Catalina/localhost/<Application name>/org/apache/jsp`
 - **Weblogic:**
`<Weblogic installation location>/domains/<Domain`

name>/servers/<Server name>/tmp/_WL_user/<Application name>/<auto generated folder>/jsp_servlet

- **Websphere:**

<Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>

- Deploy RPD and webcat file(s)
 - Take a backup of deployed `Treasury_Pack.rpd` and `Treasury_Pack.catalog` files from the OBIEE environment.
 - Navigate to the folder `$FIC_HOME/TR_BI/repository/` which contains `Treasury_Pack.rpd` and `$FIC_HOME/TR_BI/catalog/` which contains `Treasury_Pack.catalog`. Deploy both the files into OBIEE deployment area.
 - Modify the connection pool and set the properties.
 - Any customizations performed on the older rpd and webcatalog files needs to be manually carried over to the newer ones post deployment.
 - Clear OBIEE cache, if enabled.

For more information on deploying RPD and webcat files, refer *Deploying the application* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).

17. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.
18. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the *Post Installation Configuration* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).
19. After the successful installation of the release, restart all the OFSAAI services. For more information, refer to the *Start/Stop Infrastructure Services* section [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#).
20. Perform the following BI Analytics - OBIEE server configuration steps:
 - a. Navigate to the path `<Oracle BI Instance Home>/config/OracleBIPresentationServicesComponent/coreapplication_obips1>`.
 - b. Edit the file "instanceconfig.xml".
 - c. Insert the below code within xml tag `<Views> </Views>`.

```
<Charts>
<MaxVisibleColumns>50000</MaxVisibleColumns>
<MaxVisiblePages>25000</MaxVisiblePages>
<MaxVisibleRows>10000000</MaxVisibleRows>
<MaxVisibleSections>50000</MaxVisibleSections>
<JavaHostReadLimitInKB>10240</JavaHostReadLimitInKB>
</Charts>
```

- d. Save the file, and restart opmn services.

NOTE: Take a backup of the file "instanceconfig.xml" before editing any changes.

21. For Intraday RBI reporting template, ensure that you update the following SQL query in the setup master table:

- a. Name of the Bank:

```
UPDATE SETUP_MASTER SET V_COMPONENT_VALUE = '<<Bank Name>>' WHERE
V_COMPONENT_CODE = 'INTRA_DAY_BANK';
```

- b. Whether the Bank provides Correspondent banking services (Y/N)

```
UPDATE SETUP_MASTER SET V_COMPONENT_VALUE = '<<Y or N>>' WHERE
V_COMPONENT_CODE = 'PROVIDE_CORRESPONDENT_BANKING_SERVICES';
```

22. Perform the following RPD changes, to set the Early Warning Indicators 1 and 2:

- a. Open the Repository in Online or Offline mode.
- b. Select Manage > Variables.
- c. Navigate to hierarchy Repository > Variables > Static.
- d. Modify EARLYWARNIND1 and EARLYWARNIND2 variable values as required.
- e. Save and commit the changes to RPD.

23. For OBIEE reporting, configure the following:

- a. Navigate to the following location <<obiee installation>>/instances/instance1/config/OracleBIJavaHostComponent/coreapplication_obijh1/
- b. Modify the file config.xml.
- c. Increase parameter value for the following tag:

```
<XMLP>
```

```
<InputStreamLimitInKB>40000</InputStreamLimitInKB>
<ReadRequestBeforeProcessing>>true</ReadRequestBeforeProcessing>
</XMLP>
<DVT>
<InputStreamLimitInKB>40000</InputStreamLimitInKB>
</DVT>
```

- d. Save the file.
- e. Navigate to the following location `<<obiee installation>>/instances/instance1/config/OracleBIPresentationServicesComponent/coreapplication_obips1/`
- f. Modify the file `instanceconfig.xml`.
- g. Increase the parameter value for tag if already exists or add the following code

```
<Charts>
<MaxVisibleColumns>50000</MaxVisibleColumns>
<MaxVisiblePages>25000</MaxVisiblePages>
<MaxVisibleRows>100000</MaxVisibleRows>
<MaxVisibleSections>50000</MaxVisibleSections>
<JavaHostReadLimitInKB>10240</JavaHostReadLimitInKB>
</Charts>
```

and

```
<Pivot>
<MaxCells>1920000</MaxCells>
<MaxPagesToRollOutInDelivery>10000</MaxPagesToRollOutInDelivery>
<MaxVisibleColumns>50000</MaxVisibleColumns>
<MaxVisiblePages>100000</MaxVisiblePages>
<MaxVisibleRows>1000000</MaxVisibleRows>
<MaxVisibleSections>50000</MaxVisibleSections>
<DefaultRowsDisplayed>100000</DefaultRowsDisplayed>
</Pivot>
```


under <Views> tag

- h. Save the file.
- i. Restart the Presentation Services.

24. To configure the real time intraday reporting **Auto Refresh Dashboard Interval** perform the following steps:

- a. Log in to the respective server where TRBI is deployed.
- b. After successful log in, select > Liquidity Risk > Intraday Real Time Monitoring.
- c. Select “Edit Dashboard” from Page options in Intraday Real Time Monitoring Dashboard.
- d. In “Intraday Real Time Auto Dashboard Refresh” section from “Edit Dashboard” page, select “Properties” from the text object (which is to the top right corner of the text object).
- e. From the HTML code in the Properties dialog box, edit the auto refresh interval in the “setInterval” method to the required time.

NOTE: This value must be edited in terms of “seconds*1000”. For example, If the required refresh interval is 5 minutes ($5*60 = 300$ seconds), then the refresh time in the set Interval method should be “ $300*1000 = 300000$ ” and the HTML code should be as follows, “setInterval('refreshTheFrame()', '300000');” in the text object properties.

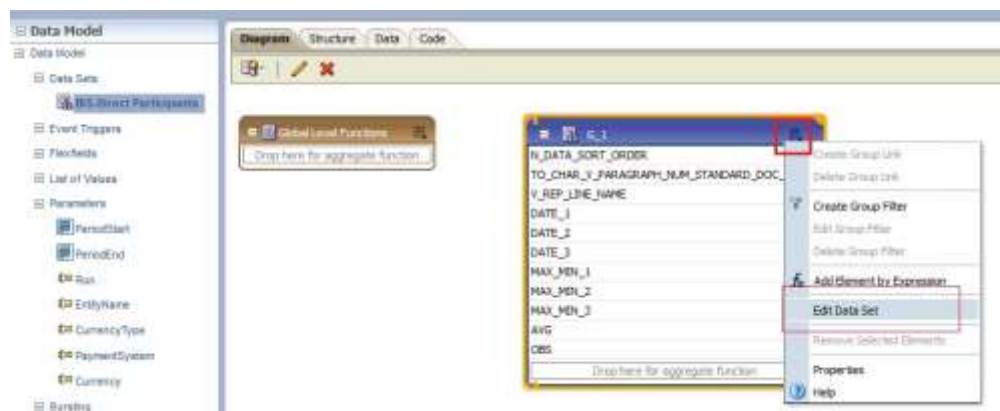
- f. After editing is completed, submit and save the Dashboard.
- g. Open the required dashboard and verify whether the dashboard is refreshed automatically in the given interval.

25. Intraday BIS reports are already configured with new data source “LRM DB”, you can create a new data source “LRM DB” in case it is needed that these reports populate from other database source.

- a. Steps to configure Intraday BIS reports with existing Data source used for other regulatory reports.
 - i. Edit the data model for the report you wish to change the data source.

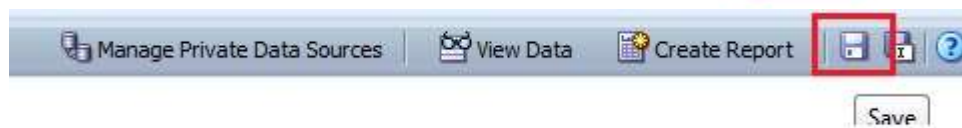
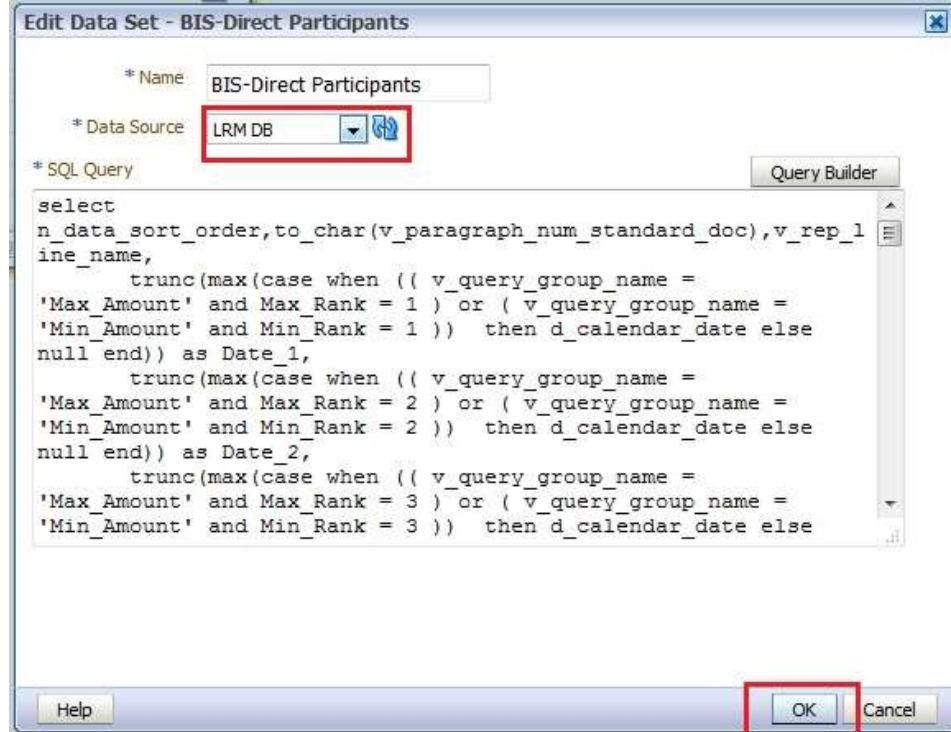
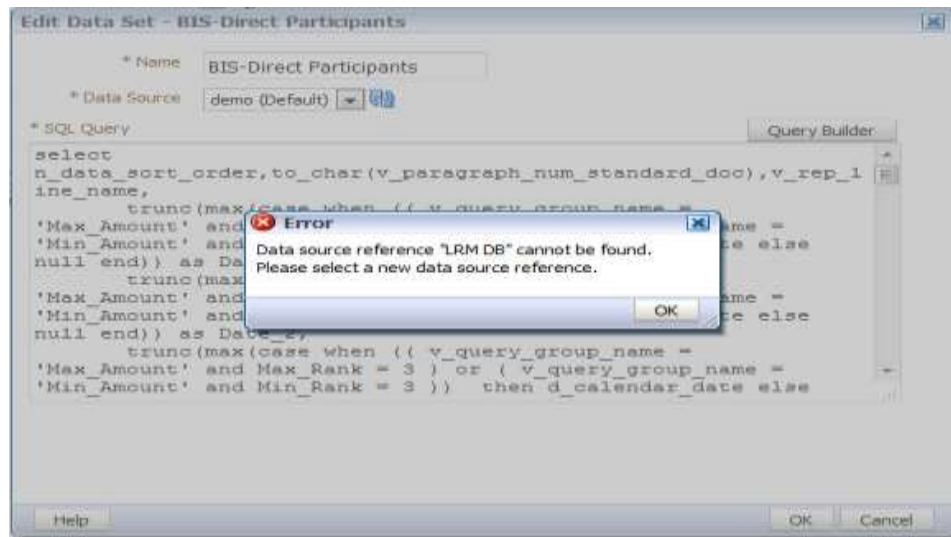


- ii. Click the group present in the data set and edit the dataset properties. The Edit data set dialog box opens.



- iii. Choose the required data source. Click OK and save the Data model.

NOTE: Since these reports are pointing to LRM DB data source by default, an error message appears if the LRM DB data source is not created in the system. This error can be ignored and you can proceed to the next step.



- iv. Perform this step for all the reports you wish to change the data source.
- v. Data model to be changed for Intraday BIS reports at location ***/shared Folders/Intra-day/*** are as follows:

- DM - BIS-Direct Participants
 - DM - BIS-Correspondent Banks
 - DM - BIS-Respondent banks
- b. In order to run the Intraday BIS reports with new data source, create a data source with name “LRM DB” in the system and the report points to that Database automatically.

1.4 Post Installation Modifications Required for Solaris 10

Perform the below modifications if you are using Solaris 10.

- Navigate to the path `.../ftpshare/STAGE/LRM_SRC` and modify the file names as mentioned in the Modified File Name column.

File Name	Modified File Name
RBI_LCR_INCREASED_LIQUIDITY_NEEDS_SUBSTITUTE_NON_HQLA_AMOUNT_POP.pro	RBI_LCR_INCREASED_LIQUIDITY_NEEDS_SUBSTITUTE_NON_HQLA_AMOUNT_POP.properties.xml
RBI_LCR_UNDRAWN_COMMITTED_NON_FINANCIAL_SO V_BNKS_MDB_PSE_O.propertie	RBI_LCR_UNDRAWN_COMMITTED_NON_FINANCIAL_SO V_BNKS_MDB_PSE_O.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAP_FCT_ACCT_LIQ_POP_I.properti	RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAP_FCT_ACCT_LIQ_POP_I.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.propert	RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAP_FCT_ACCT_LIQ_POP_I.properties	RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAP_FCT_ACCT_LIQ_POP_I.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.propertie	RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_INTER_BANK_FCT_ACCT_LIQ_POP_I.properties.xm	RBI_SLR_A2_OFF_BAL_SHEET_INTER_BANK_FCT_ACCT_LIQ_POP_I.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_PUR_FRM_RBI_FCT_ACCT_LIQ_POP_I.properties.x	RBI_SLR_A2_OFF_BAL_SHEET_PUR_FRM_RBI_FCT_ACCT_LIQ_POP_I.properties.xml
RBI_SLR_A2_OFF_BAL_SHEET_SALES_TO_RBI_FCT_ACCT_LIQ_POP_O.properties.	RBI_SLR_A2_OFF_BAL_SHEET_SALES_TO_RBI_FCT_ACCT_LIQ_POP_O.properties.xml
STD_ACCT_HEAD_AND_NSFR_RES_MAT_BAND_RECLASSIFICATION_POP.properties.	STD_ACCT_HEAD_AND_NSFR_RES_MAT_BAND_RECLASSIFICATION_POP.properties.xml
T2T_FUNDING_CONCENTRATION_FUND_SOURCE_SEC	T2T_FUNDING_CONCENTRATION_FUND_SOURCE_SECURITIZ

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File Name	Modified File Name
URITIZATION_POP.properties.	ATION_POP.properties.xml
T2T_INSTRUMENT_TO_FUND_CIS_COMPOSITION_DATA_POPULATION.properties.xml	T2T_INSTRUMENT_TO_FUND_CIS_COMPOSITION_DATA_POPULATION.properties.xml

- Navigate to the path `.../ftpshare/ <<INFODOM_NAME>>/erwin/Sources/LRM_SRC` and modify the file names as mentioned in the Modified File Name column.

File Name	Modified File Name
RBI_LCR_INCREASED_LIQUIDITY_EXCESS_NON_SEG_AMOUNT_POP.mappin	RBI_LCR_INCREASED_LIQUIDITY_EXCESS_NON_SEG_AMOUNT_POP.mapping.xml
RBI_LCR_INCREASED_LIQUIDITY_NEEDS_SUBSTITUTE_NON_HQLA_AMOUNT	RBI_LCR_INCREASED_LIQUIDITY_NEEDS_SUBSTITUTE_NON_HQLA_AMOUNT_POP.mapping.xml
RBI_LCR_INCREASED_LIQUIDITY_NON_LEVEL1_AMOUNT_POP.mapping.xml	RBI_LCR_INCREASED_LIQUIDITY_NON_LEVEL1_AMOUNT_POP.mapping.xml
RBI_LCR_INCREASED_LIQUIDITY_NOT_DEMANDED_AMOUNT_POP.mapping.	RBI_LCR_INCREASED_LIQUIDITY_NOT_DEMANDED_AMOUNT_POP.mapping.xml
RBI_LCR_NET_DERIVATIVE_ACCT_LIQUIDITY_REPORTING_POP.mapping.	RBI_LCR_NET_DERIVATIVE_ACCT_LIQUIDITY_REPORTING_POP.mapping.xml
RBI_LCR_NON_FINANCIAL_FINANCIAL_COUNTERPARTIES_CB_I.mapping.	RBI_LCR_NON_FINANCIAL_FINANCIAL_COUNTERPARTIES_CB_I.mapping.xml
RBI_LCR_UNDRAWN_COMMITTED_NON_FINANCIAL_SOV_BNKS_MDB_PSE_O.m	RBI_LCR_UNDRAWN_COMMITTED_NON_FINANCIAL_SOV_BNKS_MDB_PSE_O.mapping.xml
RBI_LCR_UNDRAWN_COMMITTED_OTH_FINANCIAL_INSTITUTE_O.mapping.	RBI_LCR_UNDRAWN_COMMITTED_OTH_FINANCIAL_INSTITUTE_O.mapping.xml
RBI_LCR_UNSEC_NON_FINANCIAL_CORPORATES_AND_OTHR_O.mapping.xml	RBI_LCR_UNSEC_NON_FINANCIAL_CORPORATES_AND_OTHR_O.mapping.xml
RBI_LCR_UNWEIGHTED_REPORTING_AMOUNT_POP_CASH_INFLOW.mapping.	RBI_LCR_UNWEIGHTED_REPORTING_AMOUNT_POP_CASH_INFLOW.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAP_FCT_ACCT_LIQ_POP_I.	RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAP_FCT_ACCT_LIQ_POP_I.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAPS_FCT_ACCT_LIQ_POP_O	RBI_SLR_A2_OFF_BAL_SHEET_CROSS_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAP_F	RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAP_FCT_ACCT_

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File Name	Modified File Name
CT_ACCT_LIQ_POP_I.ma	LIQ_POP_I.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.m	RBI_SLR_A2_OFF_BAL_SHEET_FOR_CURR_SWAPS_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_INTER_BANK_FCT_ACCT_LIQ_POP_I.mappi	RBI_SLR_A2_OFF_BAL_SHEET_INTER_BANK_FCT_ACCT_LIQ_POP_I.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_INTERBANK_FCT_ACCT_LIQ_POP_O.mappin	RBI_SLR_A2_OFF_BAL_SHEET_INTERBANK_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_MERCHANT_FCT_ACCT_LIQ_POP_I.mapping	RBI_SLR_A2_OFF_BAL_SHEET_MERCHANT_FCT_ACCT_LIQ_POP_I.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_MERCHANT_FCT_ACCT_LIQ_POP_O.mapping	RBI_SLR_A2_OFF_BAL_SHEET_MERCHANT_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_OVERSEAS_FCT_ACCT_LIQ_POP_I.mapping	RBI_SLR_A2_OFF_BAL_SHEET_OVERSEAS_FCT_ACCT_LIQ_POP_I.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_OVERSEAS_FCT_ACCT_LIQ_POP_O.mapping	RBI_SLR_A2_OFF_BAL_SHEET_OVERSEAS_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_PUR_FRM_RBI_FCT_ACCT_LIQ_POP_I.mapp	RBI_SLR_A2_OFF_BAL_SHEET_PUR_FRM_RBI_FCT_ACCT_LIQ_POP_I.mapping.xml
RBI_SLR_A2_OFF_BAL_SHEET_SALES_TO_RBI_FCT_ACCT_LIQ_POP_O.map	RBI_SLR_A2_OFF_BAL_SHEET_SALES_TO_RBI_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_A2_ON_BAL_SHEET_LOC_BAF_FCT_ACCT_LIQ_POP_O.mapping.x	RBI_SLR_A2_ON_BAL_SHEET_LOC_BAF_FCT_ACCT_LIQ_POP_O.mapping.xml
RBI_SLR_TOP_20_P2_DEP_FCT_SLR_PARTY_REPORTING_POP.mapping.xm	RBI_SLR_TOP_20_P2_DEP_FCT_SLR_PARTY_REPORTING_POP.mapping.xml
STD_ACCT_HEAD_AND_NSFR_RES_MAT_BAND_RECLASSIFICATION_POP.map	STD_ACCT_HEAD_AND_NSFR_RES_MAT_BAND_RECLASSIFICATION_POP.mapping.xml
T2T_FUNDING_CONCENTRATION_FUND_SOURCE_SECURITIZATION_POP.map	T2T_FUNDING_CONCENTRATION_FUND_SOURCE_SECURITIZATION_POP.mapping.xml
T2T_FUNDING_CONCENTRATION_SIGNIFICANT_INSTRUMENT_POP.mapping	T2T_FUNDING_CONCENTRATION_SIGNIFICANT_INSTRUMENT_POP.mapping.xml
T2T_FUNDING_CONCENTRATION_TOTAL_LIABILITY_PERCENT_POP.mappin	T2T_FUNDING_CONCENTRATION_TOTAL_LIABILITY_PERCENT_POP.mapping.xml
T2T_INSTRUMENT_TO_FUND_CIS_COMPOSITION_DATA	T2T_INSTRUMENT_TO_FUND_CIS_COMPOSITION_DATA_POPU

File Name	Modified File Name
TA_POPULATION.mappi	LATION.mapping.xml
T2T_MITIGANTS_TO_FUND_CIS_COMPOSITION_DATA_POPULATION.mappin	T2T_MITIGANTS_TO_FUND_CIS_COMPOSITION_DATA_POPULATION.mapping.xml
T2T_STG_STANDARD_ACCT_HEAD_TO_FCT_STD_ACCT_HEAD_POP.mapping.	T2T_STG_STANDARD_ACCT_HEAD_TO_FCT_STD_ACCT_HEAD_POP.mapping.xml

1.5 Post Installation Configuration

NOTE: Download the one-off patch for bug number 30273984 from <http://support.oracle.com/>.

Install the security patch for OFS TR from the MOS Document [2303598.1](#).

Download and install the following one-off patches from Patches & Updates tab of

<https://support.oracle.com/>:

- **25828416**
- **25555593**
- **30667069**

1.5.1 Configure excludeURLList.cfg file

To configure excludeURLList.cfg file, follow these steps:

1. Locate the webserver deployed area *webroot/conf/excludeURLList.cfg file*.
2. Modify the following entries:
 - [SQLIA]../dataIntegrator/ to [ALL]../dataIntegrator/
 - [SQLIA]../ETLExtractionServlet to [ALL]../ETLExtractionServlet
3. Save the changes and restart the webserver.
4. Resave the definition.

1.5.2 Transfer the Ownership of Batches to the Required User

To transfer the ownership of batches to the required User, follow these steps:

1. Log in to config use.
2. Execute the Following anonymous pl/sql block to execute procedure "AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP".

```
begin
AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP
('fromUser','toUser','infodom'); end;
OR
begin AAI_OBJECT_ADMIN.TRANSFER_BATCH_OWNERSHIP
('fromuser','touser'); end;
fromUser: - indicates the user who currently owns the batch,
toUser:-indicated the user to which the ownership has to be
transferred.
Infodom:- optional parameter , if specified the ownership of
batches
pertaining to that Infodom will be changed.
```

NOTE: Henceforth, batches are available in the Batch Maintenance window in the LRM application and the same can be edited.

1.6 Update Constraints Utility

For details, see OFS Advanced Analytical Applications Infrastructure Application Pack Installation and Configuration Guide Release 8.0.4.0.0 on [OHC Documentation Library](#).

This utility applies a new naming convention to constraints (PK and FK) to resolve the following issues:

- For tables with similar names which are relatively long (>27 characters) where initial few characters differ (for example, STG_COMMON_ACCOUNT_SUMMARY, FCT_COMMON_ACCOUNT_SUMMARY), the constraint names get generated as same causing an Oracle error of duplicate constraints.
- When number of foreign keys for a table is more than 100, the length of the constraint name exceeds the permissible limits allowed by Oracle Database.

The new naming convention has the following logic. A Unique ID gets generated for each data model entities. The new constraint name will be generated by appending the unique ID with 'FK' or 'PK' (along with a sequence for FK). For example PK on DIM_ACCOUNT will be formed as PK_101, where 101 is the unique id of DIM_ACCOUNT. Similarly, FKs on FCT_ACCOUNT_SUMMARY will be FK_206_01, FK_206_02, FK_206_03, FK_206_04, where 206 is the unique id of FCT_ACCOUNT_SUMMARY and the table has 4 FKs.

This utility gets executed as part of the OFSAAI 8.0.4.0.0 patch installation. After successful installation of the OFSAAI 8.0.4.0.0 installer patch, verify the Update.log file located at \$FIC_HOME/utility/UpdateConstraints/logs folder that is created by Update

Constraint utility. Else, the value of AAI_MU_UTIL_UPDATE_CONS. V_FLAG_VALUE of the Config Schema table. If its value is 'N' against an Infodom, it is identified as failure.

In case of errors, identify and troubleshoot the failed Infodoms. Once you have completed the troubleshooting, execute the standalone utility for the failed Infodoms.

1.6.1 How to Execute the Utility

Utility performs the backup of the following files under ftpshare/<INFODOM>_encon_bkp but restoration is not done.

- ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml
- Constraint scripts under ftpshare/<INFODOM>/erwin/scripts/table
- Constraint scripts under ftpshare/<INFODOM>/scripts

To execute the utility, perform the following steps:

1. Navigate to \$FIC_HOME/utility/UpdateConstraints/bin/ folder and grant RWX (755) permissions for all executables (.sh files).
2. Execute the utility manually for each of the failed information domains.

```
$FIC_HOME/utility/UpdateConstraints/bin/execute.sh $INFODOM
```
3. If the process is successful, verify the following references for new constraint names:
 - ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml
 - Constraint scripts under ftpshare/<INFODOM>/erwin/scripts/table
 - Constraint scripts under ftpshare/<INFODOM>/scripts
 - Object registration tables for constraints, REV_TAB_CONSTRAINTS, REV_TAB_REF_CONSTRAINTS, REV_TAB_CONSTRAINT_COLUMNS.
 - Oracle Data Dictionary in respective Atomic Schema for each Infodoms.
4. In case of failure, refer the utility's log and identify the cause of the failure. Resolve the issues before proceeding with the re-run of the utility. For more queries, contact Oracle Support Services.

1.6.2 Troubleshooting

Utility goes through six different steps, which can be traced with the below messages.

NOTE: At every stage identify the cause of the failure and resolve the issues before proceeding with the re-run of the utility.

Steps	Description	Action to be taken
1	Generate Scripts and updating DATABASE.XML	<p>Step 1: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 2: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <p>Step 4: Re-run the utility.</p>
2	Triggering Object Registration	<p>Step 1: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 2: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <ul style="list-style-type: none"> • Step 4: Re-run the utility.

Steps	Description	Action to be taken
3	Gathering information about previous constraint names	<p>Step 1: Restore the file backed up at <code>ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.xml</code> to the destination <code>ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml</code>.</p> <p>Step 2: Restore the folders backed up at <code>ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table</code> to the destination folder <code>ftpshare/<INFODOM>/erwin/scripts/table</code>.</p> <p>Step 3: Restore the folders backed up at <code>ftpshare/<INFODOM>_encon_bkp/scripts</code> to the destination folder <code>ftpshare/<INFODOM>/scripts</code>.</p> <p>Step 4: Re-run the utility.</p>

Steps	Description	Action to be taken
4	Alter constraints	<p>Step 1: Execute the following statements to drop the back up tables in Atomic Schema:</p> <pre style="margin-left: 40px;">Drop table REV_TAB_CONSTRAINTS_U; Drop Table REV_TAB_REF_CONSTRAINTS_U ; Drop table REV_TAB_CONSTRAINT_COLUMNS_U;</pre> <p>Step 2: Restore the file backed up at ftpshare/<INFODOM>_encon_bkp/erwin/fipxml/<INFODOM>_DATABASE.xml to the destination ftpshare/<INFODOM>/erwin/fipxml/<INFODOM>_DATABASE.xml.</p> <p>Step 3: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/erwin/scripts/table to the destination folder ftpshare/<INFODOM>/erwin/scripts/table.</p> <p>Step 4: Restore the folders backed up at ftpshare/<INFODOM>_encon_bkp/scripts to the destination folder ftpshare/<INFODOM>/scripts.</p> <p>Step 5: Modify r_rename_cons.sql that is available in the \$FIC_HOME/utility/UpdateConstraints/Scripts/<INFODOM> folder by adding semicolon at the end of each line.</p> <p>Step 6: Execute the file r_rename_cons.sql in the Infodom Atomic Schema.</p> <p>Note: Ignore any ORA errors related to 'constraint does not exist'.</p> <p>Step 7: Re-run the utility.</p>

Steps	Description	Action to be taken
5	Clear data of previous constraints	<p>This can be considered as a successful case. However, user needs to execute the following SQL commands.</p> <p>Step 1: Execute the following statements to drop the back up tables in Atomic Schema:</p> <pre>Drop table REV_TAB_CONSTRAINTS_U; Drop Table REV_TAB_REF_CONSTRAINTS_U ; Drop table REV_TAB_CONSTRAINT_COLUMNS_U;</pre> <p>Step 2 : Execute the statement in Configuration Schema, after replacing <INFODOM> with the respective information domain:</p> <pre>UPDATE aai_mu_util_update_cons SET V_FLAG_VALUE='Y',V_UPDATE_DATE=SYSDATE where DSNID='<INFODOM>'</pre>
6	Update Successful	-

1.7 Sandbox Resave Utility

For details, see OFS Advanced Analytical Applications Infrastructure Application Pack Installation and Configuration Guide Release 8.0.4.0.0 on [OHC Documentation Library](#).

1.8 Model Resave Utility

For details, see OFS Advanced Analytical Applications Infrastructure Application Pack Installation and Configuration Guide Release 8.0.4.0.0 on [OHC Documentation Library](#).

Appendix A

Frequently Asked Questions

Which release version of OFSTR 8.x on OSDC should I choose to install?

You can choose OFSTR 8.0 or higher versions. However, Oracle recommends that you install OFSTR 8.0.2.0.0.

What are the browsers supported for OFSTR?

OFSTR supports web browsers Microsoft Internet Explorer™, Google Chrome™ and Mozilla Firefox™. For detailed information, refer to the [Technology Matrix](#).

NOTE: Oracle Financial Services Market Risk application is compatible with MS Internet Explorer 9, 10 (Compatibility Mode) and 11 (Compatibility Mode).

What is the screen resolution supported for OFSTR?

OFSTR supports screen resolutions of 1024 x 768 and 1280 x 1024 pixels.

Should I select inbuilt browser-based property 'Prevent this page from creating additional dialogs' in Chrome and FireFox?

No, this will block the OFSTR dialogs from displaying on the screen and impact the functionality.

What checks does the 8.0.4.0.0 Release patch perform?

1. Environment Check- As part of environment check, it performs Java validation, Environment Variables validation, OS specific validation, DB specific validation, and it shuts down all OFSAAI Services (Infrastructure Server, ICC Server, and back-end services).
2. Post Install check- As part of Post Installation check, it checks if OFSAAI services can be successfully started.

Which version of ERwin Data Modeler does OFSAAI support?

The references to Data Modeler ERwin versions 70, 71, 72, 90, 92 and 96 are provided for the AAI framework to support these for backward compatibility. However, the data model-slices shipped with OFS AAI 8.0.4.0.0 application packs are compatible with Erwin v9.5 and 9.64.

What should I do for viewing the log files in Debug level for troubleshooting?

By default, the log level is set as INFO. You need to manually change it to Debug to view the log files in debug level. Based on your requirement, you can change the log level to Warn, Error, or Fatal as well.

1. Navigate to `$FIC_HOME/conf` in the APP layer of your OFSAAI installation.

- Change the **priority value** to **Debug** in the *RevLog4jConfig.xml* file.

For example:

```
<root>
  <priority value ="debug" />
  <appender-ref ref="ConsoleAppender1"/>
</root>
```

- Change the value of **LOGGERLEVEL** in the *DynamicServices.xml* file from **20** to **0**. (**20** is the value for Info and **0** for Debug.)

NOTE: For multi-tier installation, you need to change the log level to Debug in the *DynamicServices.xml* and *RevLog4jConfig.xml* files, which are present in *\$FIC_APP_HOME/conf*, *\$FIC_DB_HOME/conf*, and *\$FIC_WEB_HOME/conf* as well.

2. Navigate to *\$FIC_WEB_HOME/webroot/conf* and change the **priority value** to **Debug** in the *ExportLog4jConfig.xml*, *MDBLogger.xml*, and *PR2Logger.xml* files for viewing log files in Debug level for the modules Archive/Restore, Metadata Browser and RRF respectively.
3. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the *Post Installation Configuration* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#)
4. Restart the OFSAAI Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#)

Can I install OFSAA 8.0.0.0.0 release Application Packs on an OFSAA instance which is already upgraded to a higher version say 8.0.4.0.0?

Yes. You can install an OFSAA 8.0.0.0.0 release Application Packs on an OFSAA instance which is already upgraded to a higher version. Refer the *Installer and Installation Prerequisites* table (section *Installer and Installation Prerequisites* >> *Category Others* >> *Sub-Category OFSAA*) in the [Oracle Financial Services Treasury Risk Application Pack Installation Guide – Release 8.0.0.0.0](#) for more details prior to proceeding with the installation.

While executing an ORAAH model created in a Hive sandbox, a message [1] "package 'ORE' not found" is displayed in the log file generated in Remote R server. What should I do?

This has no impact on the model execution. You can ignore the log file message and proceed further. Please verify if the OJDBC6 jar is placed in the lib path of the remote box.

What should I do when model execution fails in ICC?

If model execution fails in ICC, check whether the optional parameter is set to `$MODE=M`. If not, set it to `$MODE=M` and run the model execution.



OFSTR

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