

Oracle® Financial Services

Behavior Detection Installation Guide



Release 8.1.2.9.0
G27176-05
February 2025

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Document Control

Table Document Control

Version Number	Revision Date	Change Log
8.1.2.9.0	February 2025	Initial version for 8.1.2.9.0.

Preface

Using Investigation Hub Administration describes how to configure the case status, actions, and types used in Process Modeling Framework (PMF) to define the case investigation workflow.

Preface

This section provides information on the Oracle Financial Services (OFS) Behavior Detection Installation Guide.

Audience

OFS Behavior Detection Installation Guide is intended for System Engineers who are responsible for installing and maintaining the application.

This document assumes that you have experience in installing Enterprise components and basic knowledge about the following:

- UNIX commands
- Database concepts

Related Resources

This section identifies additional resources to the OFS Behavior Detection. You can access additional documents from the [Oracle Help Center](#).

Abbreviations

The following table lists the abbreviations used in this document.

Table 1 Abbreviations

Abbreviations	Meaning
ML	Maintenance Level Release
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
EAR/WAR	Enterprise Archive / Web Archive
MOS	My Oracle Support.

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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1.1 Introduction

The Oracle Financial Services Behavior Detection (OFS Behavior Detection) 8.1.2.9.0 Installation Guide provides instructions to install the OFS Behavior Detection 8.1.2.9.0 Maintenance Level (ML) release.

The OFS Behavior Detection 8.1.2.9.0 ML release includes all the bug fixes and minor enhancements done since the GA (General Availability) release, 8.1.2.0.0. This ML also contains forward port of all bugs/enhancements and bug fixes from lower OFS Behavior Detection versions (806, 807, and 808). For information on the 8.1.2.0.0 installation, see [Oracle Financial Services Behavior Detection Release 8.1.2.0.0 Installation Guide](#).

2.1 Pre-Installation Steps & How to Apply This Maintenance Level Release?

This chapter describes the pre-installation requirements and how to apply the maintenance release Oracle Financial Services Behavior Detection Application Pack v8.1.2.0.0 Minor Release #9 8.1.2.9.0.

Topics:

- [Pre-Installation Requirements](#)
- [How to Apply This Maintenance Level Release?](#)

2.1.1 Pre-Installation Requirements

This section describes the pre-installation requirements.

① Note

The OFS AAI 8.1.2.5.x release supports Oracle Linux 9 Server in addition to the continued support on Oracle Linux 8 and Oracle Linux 7. For more information see, the [AAI Pre-installation Requirements](#).

① Note

- Before running the patch, perform a backup of the `$FIC_HOME` and `ftpshare` directories and the Atomic and Config schemas.
- Take a backup of CSA area and truncate all the staging tables before the BD8129 ML application.
- OFS Behavior Detection 8.1.2.9.0 uses the BD-AM slice of Oracle FSDF 8.1.2.6.0. Refer to [OFS BD Version Compatibility List](#) for details on OFS BD version compatibility with OFSAAI, FSDF, and OFS ECM.

1. Download the OFS Behavior Detection 8.1.2.9.0 archive file from [My Oracle Support](#) by searching for Patch ID 37025880 under the **Patches & Updates** tab.

Also, ensure that the mandatory patches mentioned in the *Prerequisites* section of the [Oracle Financial Services Behavior Detection Release 8.1.2.9.0 ReadMe](#) are applied before installation.

2. Install OFSBD 8.1.2.0.0 before applying 8.1.2.9.0.

① Note

Ignore this step if OFS BD 8.1.2.1.0, OFS BD 8.1.2.2.0, OFS BD 8.1.2.3.0, 8.1.2.4.0, 8.1.2.5.0, 8.1.2.6.0, 8.1.2.7.0 or 8.1.2.8.0 is already installed.

3. Apply Bug 36420089 - OFSAA 8.1.2.0.0 AAI ML Release #5 (8.1.2.5.0) (OFSAAI).

4. See the following additional prerequisites:
 - a. If CRR 8.1.2.x is not installed in the environment, upgrading from any BD 8.1.2.x version (except for BD 8.1.2.8.x) to BD 8.1.2.9.0 requires the BD patch 8.1.2.0.23 (37538920) to be applied before upgrading to BD 8.1.2.9.0.
 - b. If CRR 8.1.2.8.x is not installed in the environment, upgrading from any BD 8.1.2.8.x version to BD 8.1.2.9.0 requires the BD patch 8.1.2.8.1 (37168150) to be applied before upgrading to BD 8.1.2.9.0.
 - c. If CRR 8.1.2.8.x is installed in the environment, do not install the BD patch 8.1.2.8.1 (37168150) while upgrading from any BD 8.1.2.8.x version to BD 8.1.2.9.0. You must install the CRR patches 8.1.2.8.2 (37073503) and 8.1.2.8.2 (37079344) before upgrading to BD 8.1.2.9.0.
 - d. If CRR 8.1.2.x is installed in the environment, upgrading from any BD 8.1.2.x version (except for BD 8.1.2.8.0) to BD 8.1.2.9.0 requires the BD patch 8.1.2.0.22 (37515870) to be applied before upgrading to BD 8.1.2.9.0.

2.1.1.1 Pre-Installation Requirements for TBAML

This section describes the pre-installation requirements for OFS Trade-Based Anti Money Laundering (TBAML).

To install TBAML, follow these steps:

1. For the new customers:
 - a. Download and install **DLP: Oracle Financial Services Behaviour Detection Application 8.1.1.0** Download Package Template (DLPT) from Oracle Software Delivery Cloud (OSDC).
 - b. Upgrade to BD 8.1.2.0 from My Oracle Support (MOS).
 - c. Apply BD 8.1.2.9 ML to install TBAML.
2. For existing BD customers who are on the BD 8.1.1.0 or BD 8.1.1.x line and newly purchased TBAML license:
 - a. Upgrade to BD 8120 from MOS.
 - b. Apply BD 8.1.2.9 ML to install TBAML.
3. For existing BD customers who are on the BD 8.1.2.0 or BD 8.1.2.x line and newly purchased TBAML license:
 - a. Apply BD 8.1.2.9 ML to install TBAML.

2.1.1.2 PatchConfig.xml

This section lists the Placeholder Values in the PatchConfig.xml File

Table 2 Placeholder Values in the PatchConfig.xml File

OFS BD Version	OFSAAI Version
##SCHEMA_OUT_XML_PATH##	This attribute refers to the path, which needs to be pointed to <i>OFS_BD_SCHEMA_OUTPUT.xml</i> , which was generated at the time of installation. For example: <code><BD812_Installer>/OFS_BD_PACK/schema_creator/OFS_BD_SCHEMA_OUTPUT.xml</code> .

Table 2 (Cont.) Placeholder Values in the PatchConfig.xml File

OFS BD Version	OFSAAI Version
##BIG_DATA_ENABLE##	Placeholder to enable Big Data. Enter <i>FALSE</i> .
##SCORING_PROTOCOL_SERVER_PORT##	This is the URL of the RAOR application till the port number. For example, <i><PROTOCOL://HOSTNAME:WEB_SERVER_PORT></i> .
#FSDF_UPLOAD_MODEL##	Provide the value mentioned in default.properties during BD 812 installation. Path : <i><BD812_Installer>/OFS_BD_PACK/OFS_AML/conf/default.properties</i> .
##EXECUTE_PRE_AND_POST_SCRIPTS##	This attribute is used to execute pre and post-scripts during installation. If you provide the following: • Value = 1: executes the pre and post-scripts. • Value = 0, skips the pre and post-scripts. In BD 8.1.2.9, it is mandatory to set the value as 1 to execute pre and post-scripts.

2.1.2 How to Apply This Maintenance Level Release?

This section describes how apply this maintenance release.

To install this Maintenance Level release:

Note

If the OFS Behavior Detection 8.1.2.9.0 patch is to be installed on OFS Sanctions 8.1.2.0, then follow these steps:

- Create table *KDD_BUS_DMN_SANC* as (select * from *KDD_BUS_DMN*); UPDATE *KDD_BUS_DMN* SET *TF_BUS_DMN_NM*=NULL;
- Commit;
- Restore the *TF_BUS_DMN_NM* column in the *KDD_BUS_DMN* table from *NULL* to the original value after the installation is complete.

1. During OFS Behavior Detection 8.1.2.9.0 patch installation, only the FICServer (*<FIC_HOME>/ficapp/common/FICServer/bin/startofsaai.sh*) can be up and running. Stop all other OFSAAI application services (MANTAS, ICC, BD algorithms dispatcher, etc.).
2. Load the .profile and ensure that *\$FIC_HOME* corresponds to the proper environment where the patch application is required.
3. Download and copy 37025880_LINUX.zip/37025880_SOLARIS_SPARC.zip (in Binary mode) to the server where OFSAA is installed.
4. Navigate to *<USER_PATCH_DIR>* and extract the contents of the patch archive file using the command: *unzip -a <name of the file to be unzipped>*.

For example: *unzip -a 37025880_LINUX.zip/37025880_SOLARIS_SPARC.zip*

Note

<USER_PATCH_DIR> is the location of the <patch>.zip file. The -a option mentioned above is required to unzip the patch. If you encounter the error message *unzip: not found [No such file or directory]* when the package is not installed, contact your UNIX administrator to resolve the issue.

5. Navigate to <USER_PATCH_DIR>/37025880/bin and grant execute (755) permission for all executables: `$ chmod 755*`.
6. Navigate to <USER_PATCH_DIR>/37025880/conf/PatchConfig.xml and provide the following placeholder values:
 - a. `##SCHEMA_OUT_XML_PATH##` - this attribute refers to the path which needs to be pointed to OFS_BD_SCHEMA_OUTPUT.xml, which was generated at the time of installation.
 - b. `##BIG_DATA_ENABLE##` - set the value to `FALSE`.
 - c. `##SCORING_PROTOCOL_SERVER_PORT##` - provide the server host & port. For example: hostIP:PortNumber.
 - d. `##FSDF_UPLOAD_MODEL##` - provide the value mentioned in default.properties during BD 812 installation. Path : /<BD812_Installer>/OFS_BD_PACK/OFS_AML/conf/ default.properties.
 - e. `##EXECUTE_PRE_AND_POST_SCRIPTS##` - attribute value must be set to 1 to execute the prescripts and postscripts. Attribute value 0 skips the prescripts and postscripts.

Note

As part of prescripts, back up tables with the naming convention <TABLE_NAME>_8129_BACKUP.

7. Install the patch by executing the command: `./install.sh`.
8. Check if the patch is applied successfully by verifying the patch install logs under <USER_PATCH_DIR>/37025880/logs.

Note

Contact [My Oracle Support](#) in case of any errors.

3.1 Post-Installation Steps

This chapter describes the post-installation steps.

Topics:

- [Mandatory Post-Installation Steps](#)
- [OFS Know Your Customer \(KYC\)](#)
- [OFS Anti-Money Laundering \(AML\)](#)
- [#unique_32](#)
- [OFS Real Time Fraud \(RTF\)](#)
- [Configuring JIT](#)
- [Configuring Scenario Manager](#)
- [Configuring Watch List Management](#)

3.1.1 Mandatory Post-Installation Steps

This section describes the mandatory post-installation steps.

Perform the following post-installation steps:

1. If the deployment environment is Solaris, follow the these mandatory steps to set gnu bin directory in the *PATH* environment variable. For example: *export PATH=/usr/gnu/bin:\$PATH*.

Note

If the gnu bin directory is different, replace */usr/gnu/bin* with the correct directory path.

2. Check the DB builder logs for successful execution of *mantas8.1.2.9.0_delta.cfg* and *delta_plat8.1.2.9.0.cfg*.
If these did not run, then execute them manually. To do so, navigate to *\$FIC_HOME/database/mantas_schema/delta/oracle/8.0* and execute the following command:


```
$FIC_HOME/database/db_tools/bin/run_dbbuilder_utility.sh $FIC_HOME/database/mantas_schema/delta/oracle/8.0/mantas8.1.2.9.0_delta.cfg
```


When prompted, enter the Atomic user name and password. Then, navigate to *\$FIC_HOME/database/bus_mkt_schema/delta/oracle/8.0* and execute the following command:


```
$FIC_HOME/database/db_tools/bin/run_dbbuilder_utility.sh $FIC_HOME/database/bus_mkt_schema/delta/oracle/8.0/delta_plat8.1.2.9.0.cfg
```


When prompted, enter the Atomic user name and password.
3. Load BD scenarios in the Database from *\$FIC_HOME/Database/db_tools/bin* with the *sm_load.sh* utility. For scenarios that are provided in this patch, see [.Upgrade Scenarios](#)

Note

Contact [My Oracle Support](#) in case of any errors.

4. Downgrade the commons-logging jar file from version 1.3.1 to 1.1.3 to fix the following issues:
 - Bug 37558428 - BD8129: Tomcat Deployed Side Logs Folder is Almost Blank No Log Files Getting Printed Like UMMSERVICELOG.
 - Bug 37590204 - FCCM: Web Server Deployed Side Logs Folder is Almost Blank No Log Files Getting Printed Like UMMSERVICELOG.
- a. After installing the BD 8.1.2.9.0, perform the following steps:
 - i. Copy commons-logging-1.1.3.jar from \$FIC_HOME/database/db_tools/lib to the following folders:
 - \$FIC_HOME/ficweb/webroot/WEB-INF/lib
 - \$FIC_HOME/ficdb/lib
 - ii. Delete commons-logging-1.3.1.jar from the following folders:
 - \$FIC_HOME/ficweb/webroot/WEB-INF/lib
 - \$FIC_HOME/ficdb/lib
5. *Optional step:* If you have a TBAML License, load scenarios in the Database from \$FIC_HOME/ Database/db_tools/bin with the *sm_load.sh* utility. For TBAML-specific scenarios, see [TBAML Scenarios](#).
6. Once the above steps are done, create the following EAR/WAR file and redeploy this new WAR on the Web Application server. Refer to the [Oracle Financial Services Behavior Detection Applications Pack Installation Guide Release 8.1.2.0.0](#) for steps related to deployment.

Note

For using Websphere Server, remove all the jackson* Jars from the following folder before creating the OFSAAI EAR/WAR file:
\$FIC_HOME/ficweb/webroot/externalib/WEB-INF/lib.

7. Restart the OFSAAI services

3.1.2 OFS Know Your Customer (KYC)

This section describes the KYC-related post-installation steps.

Note

- For new BD/KYC installation, follow these steps:
 - Import all assessment (xml) files located in \$FIC_HOME/IPE/KYC, then run the DI batch.
 - Once the DI batch is completed successfully, import all assessments (xml) files located in \$FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation.
 - Start executing the regular batches.

If OFS KYC is installed:

1. Navigate to \$FIC_HOME/ficapp/common/FICServer/bin and execute the following executables after replacing the *INFODOM* placeholder:
 - a. `./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_AcceleratedRereview.xml##AMINFODOM## OFS_KYC false`
 - b. `./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_ChangeInRiskModel.xml##AMINFODOM## OFS_KYC false`
 - c. `./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_ModelBasedAssessment.xml ##AMINFODOM## OFS_KYCfalse`
 - d. `./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_RAOR_ModelBasedAssessment.xml ##AMINFODOM##OFS_KYC false`
 - e. `./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_RAOR_RuleBasedAssessment.xml##AMINFODOM## OFS_KYC false`
 - f. `./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_RuleBasedAssessment.xml ##AMINFODOM## OFS_KYCfalse`
2. *Perform this step only if Oracle Financial Services Compliance Studio is installed. Do not import it if Compliance Studio is not installed.* Navigate to \$FIC_HOME/ficapp/common/FICServer/bin and execute the following executable after replacing the *INFODOM* placeholder.
`./RTIImport.sh $FIC_HOME/IPE/KYC/8.1.2.6.0/Simulation/
OFS_KYC_RTIEExport_AcceleratedRereview_WithAomalyDetectionML.xml ##AMINFODOM## OFS_KYC false`
3. Execute the following utility to synchronize data in SMS tables:
 - a. Go to \$FIC_HOME/utility/AppPckMastSynch/bin.
 - b. Open putty session and run the following commands one by one:
 - i. `ExportPckName=OFS_BD_PACK`
 - ii. `./AppPckMastSynch.sh`
4. Once the above steps are done, create the following EAR/WAR file and redeploy this new WAR on the web application server. See [Oracle Financial Services Behavior Detection Applications Pack Installation Guide Release 8.1.2.0.0](#) for steps related to deployment.
 - a. `JSONToTablePersistenceUtility`
 - b. `TabletoJSONService`
 - c. `InitiateOnboardingService`
 - d. `GenerateCaseInputService`

Note

For using Websphere Server, remove all the jackson* Jars from the following folder before creating OFSAAI EAR/WAR file:
 \$FIC_HOME/ficweb/webroot/externalib/WEB-INF/lib

5. If RAOR deployment is required, navigate to aFIC_HOME/raor_processing and run `./ant.sh` and deploy the RAOR war file.
6. To add a new task in KYC daily batch:
 - a. Log in as an Admin user.

- b. Navigate to the **Common Tasks** section, select the **Rule Run Framework**, and then select **Process**.
 - c. Select **IPEPopulateIP** from the table list and click **Edit**.
 - d. Click **Component** in the new window.
 - e. Expand **Transformation Rules** from **Available Components**.
 - f. Click **Database Functions-Transformations** and expand it.
 - g. Move **POPULATE_CUST_PROCESSING_IP** to the right into Tasks in **ROOT**.
 - h. In the right box, move the new task **POPULATE_CUST_PROCESSING_IP** after **POPULATE_IP_KYC**.
 - i. Click **OK**.
 - j. Click **Precedence**.
 - k. Select **POPULATE_CUST_PROCESSING_IP** from the drop down.
 - l. Select **POPULATE_IP_KYC** in the Available Precedence object and move it to the right.
 - m. Click **OK** and **Save**.
7. To add a new task in KYC daily batch:
 - a. Log in as an Admin user.
 - b. Navigate to the **Common Tasks** section, select the **Rule Run Framework**, and then select **Process**.
 - c. Select **IPEEndBatchProcess** from the table list and click **Edit**.
 - d. Click **Component** in the new window.
 - e. Expand **Transformation Rules** from **Available Components**.
 - f. Click **Database Functions-Transformations** and expand it.
 - g. Move **F_TRUNC_RTI_ASSMNT_TABLES** to the right into Tasks in **ROOT**.
 - h. Click **OK** and **Save**.
8. Execute these following post installation scripts.
 - a. If KYC and ECM are in the same DB, execute the following scripts:
 - i. create or replace synonym FCC_PARTY_PARTY_RLSHP_LOOKUP_ECM for
&&case_schema_owner.FCC_PARTY_PARTY_RLSHP_LOOKUP;
 - ii. create or replace synonym FCC_PARTY_PARTY_RLSHP_ECM for
&&case_schema_owner.FCC_PARTY_PARTY_RLSHP;
 - iii. create or replace synonym FCC_PARTY_PARTY_RLSHP_EVNT_ECM for
&&case_schema_owner.FCC_PARTY_PARTY_RLSHP_EVNT;
 - iv. create or replace synonym CM_BD_PARTY_PARTY_RLSHP_SKEY_ECM for
&&case_schema_owner.CM_BD_PARTY_PARTY_RLSHP_SKEY;
 - v. create or replace synonym kdd_case_party_party_rlsdp_ECM for
&&case_schema_owner.kdd_case_party_party_rlsdp;
 - vi. create or replace synonym FCC_CASE_PRIORITY_ECM for
&&case_schema_owner.FCC_CASE_PRIORITY;
 - vii. create or replace synonym KDD_CASETYPE_PARAM_CONFIG_ECM for
&&case_schema_owner.KDD_CASETYPE_PARAM_CONFIG;

- viii. create or replace synonym KDD_CAL_ECM for &&case_schema_owner..KDD_CAL;
 - ix. create or replace synonym KDD_CASE_INVOLVED_PARTY_LINK_ECM for &&case_schema_owner..KDD_CASE_INVOLVED_PARTY_LINK;
 - x. create or replace synonym KDD_CASE_INVOLVED_PARTY_DETAIL_ECM for &&case_schema_owner..KDD_CASE_INVOLVED_PARTY_DETAIL;
 - b. If KYC and ECM are in different DBs, execute the following scripts:
 - i. create or replace synonym FCC_PARTY_PARTY_RLSHP_LOOKUP_ECM for FCC_PARTY_PARTY_RLSHP_LOOKUP@AMDBLINK;
 - ii. create or replace synonym FCC_PARTY_PARTY_RLSHP_ECM for FCC_PARTY_PARTY_RLSHP@AMDBLINK;
 - iii. create or replace synonym FCC_PARTY_PARTY_RLSHP_EVNT_ECM for FCC_PARTY_PARTY_RLSHP_EVNT@AMDBLINK;
 - iv. create or replace synonym CM_BD_PARTY_PARTY_RLSHP_SKEY_ECM for CM_BD_PARTY_PARTY_RLSHP_SKEY@AMDBLINK;
 - v. create or replace synonym kdd_case_party_party_rlsdp_ECM for kdd_case_party_party_rlsdp@AMDBLINK;
 - vi. create or replace synonym FCC_CASE_PRIORITY_ECM for FCC_CASE_PRIORITY@AMDBLINK;
 - vii. create or replace synonym KDD_CASETYPE_PARAM_CONFIG_ECM for KDD_CASETYPE_PARAM_CONFIG@AMDBLINK;
 - viii. create or replace synonym KDD_CAL_ECM for KDD_CAL@AMDBLINK;
 - ix. create or replace synonym KDD_CASE_INVOLVED_PARTY_LINK_ECM for KDD_CASE_INVOLVED_PARTY_LINK@AMDBLINK;
 - x. create or replace synonym KDD_CASE_INVOLVED_PARTY_DETAIL_ECM for KDD_CASE_INVOLVED_PARTY_DETAIL@AMDBLINK;
- 9. Enter the following values while executing the IPEKYCRun daily batch in the **Parameters** option.
 - a. [MODELID]=PROD
 - b. [VERSION]=0
 - c. [APP_ID]=OFS_KYC
- 10. To add the GathrStats_PRCsNG_TABLES task in the KYC daily batch, follow these steps:
 - a. Navigate to Common Tasks > Rule Run Framework > Process as an Admin user.
 - b. Select **WLS_Process** from the table list and click **Edit**.
 - c. Click **Component** in the new window.
 - d. Expand **Transformation Rules** from the **Available Components**.
 - e. Click **Database Functions-Transformations** and expand it.
 - f. Move **GathrStats_PRCsNG_TABLES** to the right into Tasks in ROOT.
 - g. Click **OK**.
 - h. Click **Precedence**.
 - i. Select **GathrStats_PRCsNG_TABLES** from the drop down.
 - j. Select **UPDATE_WLS_STATUS** in the Available Precedence object and move it to the right.

- k. Click **OK** and **Save**.
11. To add the `SIM_VERIFY_TABLES` task in the KYC daily batch, follow these steps:
 - a. Navigate to Common Tasks > Rule Run Framework > Process as an Admin user.
 - b. Select **IPEPREProcess** from the table list and click **Edit**.
 - c. Click **Component** in the new window.
 - d. Expand **Transformation Rules** from the Available Components.
 - e. Click **DatabaseFunctions-Transformations** and expand it.
 - f. Move **SIM_VERIFY_TABLES** to the right into Tasks in ROOT.
 - g. Move **SIM_VERIFY_TABLES** to the top to make it *task 1*.
 - h. Click **OK**.
 - i. Click **Precedence**.
 - j. Select Customer from the dropdown.
 - k. Select **SIM_VERIFY_TABLES** in the Available Precedence object and move it to the right.
 - l. Click **OK** and **Save**.
 12. To add the `PopulateCustForAccReReview` task in the KYC daily batch, follow these steps:
 - a. Navigate to Common Tasks > Rule Run Framework > Process as an Admin user.
 - b. Select **IPEPREProcess** from the table list and click **Edit**.
 - c. Click **Component** in the new window.
 - d. Expand **Transformation Rules** from the Available Components.
 - e. Click **Database Functions-Transformations** and expand it.
 - f. Move **PopulateCustForAccReReview** to the right into Tasks in ROOT.
 - g. Move **PopulateCustForAccReReview** before Customer.
 - h. Click **OK**.
 - i. Click **Precedence**.
 - j. Select Customer from the dropdown.
 - k. Select **PopulateCustForAccReReview** in the Available Precedence object and move it to the right.
 - l. Click **OK** and **Save**.
 13. To add the `UpdProcessedAccReReviewCust` task in the KYC daily batch, follow these steps:
 - a. Navigate to Common Tasks > Rule Run Framework > Process as an Admin user.
 - b. Select **IPEEndBatchProcess** from the table list and click **Edit**.
 - c. Click **Component** in the new window.
 - d. Expand **Transformation Rules** from the Available Components.
 - e. Click **Database Functions-Transformations** and expand it.
 - f. Move **UpdProcessedAccReReviewCust** to the right into Tasks in ROOT.
 - g. Click **OK** and **Save**.
 14. Execute the following scripts in Compliance Studio schema:

```
insert into mmg_app_menu_mapping(V_APP_ID,V_MENU_CODE) select 'KYC',V_MENU_CODE from
MMG_MENU;
```

15. Execute the following scripts in Behavior Detection schema:

- a. update aai_setup_props set V_PROP_VALUE = 'TRUE' where V_PROP_NAME = 'REFERRER-POLICY-ENABLED';
- b. update aai_setup_props set V_PROP_VALUE = '##Studio Server IP:Port##' where V_PROP_NAME = 'ALLOWED-REFERRER-URLS';
For example:

```
update aai_setup_props set V_PROP_VALUE = 'http://10.34.110.111:8001/' where V_PROP_NAME =
'ALLOWED-REFERRER-URLS';
```

Note

You must enter / after the port number.

- c. Update aai_validator_expression SET v_reg_expression = '[A-Za-z0-9_]*' WHERE V_EXP_TYPE_CODE = 'data_source_exp' AND v_reg_expression = '[A-Za-z0-9_]*';

16. Replace the placeholders and execute following script in Atomic schema:

##JRSDCN_CD## -- Replace with Jurisdiction codes.

##LOOK_BACK_PERIOD##-- No of previous days to review the customers.

- a. Merge into *APPLN_PARAMS T* using:

```
(SELECT 'KYC_SAR_ACTN_CTGRY' V_PARAM_IDENTIFIER, 'KYC' V_PARAM_CATEGORY,
'This parameter lists the actions on which a Risk Assessment on a
Customer has to be created. When a user performs any actions on an alert
which would result in creating a regulatory report for a customer, Risk
Assessments would be created based on the look up period which is
configurable. Note: The actions to be added here needs to be picked up
from kdd_activity_type_cd.actvy_type_cd where actvy_cat_cd = "RR" .
Those actions which are suffixed with R in the action code should not be
added as these are Recommendations which requires approval'
V_PARAM_DESC, 'Y' V_PARAM_VALUE, " V_ATTRIBUTE1_CODE, 'Application -
Business' V_PARAM_CLASSIFICATION, 'CCFSAR' V_ATTRIBUTE1_VALUE, "
V_ATTRIBUTE1_DESC, " V_ATTRIBUTE2_CODE, " V_ATTRIBUTE2_VALUE, "
V_ATTRIBUTE2_DESC, " V_ATTRIBUTE3_CODE, " V_ATTRIBUTE3_VALUE, "
V_ATTRIBUTE3_DESC, " V_ATTRIBUTE4_CODE, " V_ATTRIBUTE4_VALUE, "
V_ATTRIBUTE4_DESC, " V_ATTRIBUTE5_CODE, " V_ATTRIBUTE5_VALUE, "
V_ATTRIBUTE5_DESC, " V_ATTRIBUTE6_CODE, " V_ATTRIBUTE6_VALUE, "
V_ATTRIBUTE6_DESC, " V_ATTRIBUTE7_CODE, " V_ATTRIBUTE7_VALUE, "
V_ATTRIBUTE7_DESC, " V_ATTRIBUTE8_CODE, " V_ATTRIBUTE8_VALUE, "
V_ATTRIBUTE8_DESC, " V_ATTRIBUTE9_CODE, " V_ATTRIBUTE9_VALUE, "
V_ATTRIBUTE9_DESC, " V_ATTRIBUTE10_CODE, " V_ATTRIBUTE10_VALUE, "
V_ATTRIBUTE10_DESC, " V_ATTRIBUTE11_CODE, " V_ATTRIBUTE11_VALUE, "
V_ATTRIBUTE11_DESC, " V_ATTRIBUTE12_CODE, " V_ATTRIBUTE12_VALUE, "
V_ATTRIBUTE12_DESC, " V_ATTRIBUTE13_CODE, " V_ATTRIBUTE13_VALUE, "
V_ATTRIBUTE13_DESC, " V_ATTRIBUTE14_CODE, " V_ATTRIBUTE14_VALUE, "
V_ATTRIBUTE14_DESC, " V_ATTRIBUTE15_CODE, " V_ATTRIBUTE15_VALUE, "
V_ATTRIBUTE15_DESC, 'system' V_CREATED_BY, " V_PARAM_COMMENTS, "
D_CREATED_DATE, " V_ATTRIBUTE1_COMMENTS, " V_MODIFIED_BY, "
V_ATTRIBUTE2_COMMENTS, " D_MODIFIED_DATE, " V_ATTRIBUTE3_COMMENTS, "
V_AUTHORIZED_BY, " V_ATTRIBUTE4_COMMENTS, " D_AUTHORIZED_DATE, "
```

```

V_ATTRIBUTE5_COMMENTS, " F_LATEST_RECORD_IDENTIFIER, "
V_ATTRIBUTE6_COMMENTS, " D_PARAM_DATE, " V_ATTRIBUTE7_COMMENTS, "
FIC_MIS_DATE, " V_ATTRIBUTE8_COMMENTS, " V_ATTRIBUTE9_COMMENTS, "
V_ATTRIBUTE10_COMMENTS, " V_ATTRIBUTE11_COMMENTS, "
V_ATTRIBUTE12_COMMENTS, " V_ATTRIBUTE13_COMMENTS, "
V_ATTRIBUTE14_COMMENTS, 'Risk Parameter' V_ATTRIBUTE15_COMMENTS,
'Regulatory Report Actions' V_PARAM_NAME, '##JRSDCN_CD##' V_JRSDCN_CD,
" N_CNTRY_KEY FROM DUAL) S
ON ( T.V_PARAM_IDENTIFIER = S.V_PARAM_IDENTIFIER AND T.V_JRSDCN_CD =
S.V_JRSDCN_CD)
WHEN MATCHED THEN UPDATE SET T.V_PARAM_CATEGORY = S.V_PARAM_CATEGORY,
T.V_PARAM_DESC = S.V_PARAM_DESC, T.V_PARAM_VALUE = S.V_PARAM_VALUE,
T.V_ATTRIBUTE1_CODE = S.V_ATTRIBUTE1_CODE, T.V_PARAM_CLASSIFICATION =
S.V_PARAM_CLASSIFICATION, T.V_ATTRIBUTE1_VALUE = S.V_ATTRIBUTE1_VALUE,
T.V_ATTRIBUTE1_DESC = S.V_ATTRIBUTE1_DESC, T.V_ATTRIBUTE2_CODE =
S.V_ATTRIBUTE2_CODE, T.V_ATTRIBUTE2_VALUE = S.V_ATTRIBUTE2_VALUE,
T.V_ATTRIBUTE2_DESC = S.V_ATTRIBUTE2_DESC, T.V_ATTRIBUTE3_CODE =
S.V_ATTRIBUTE3_CODE, T.V_ATTRIBUTE3_VALUE = S.V_ATTRIBUTE3_VALUE,
T.V_ATTRIBUTE3_DESC = S.V_ATTRIBUTE3_DESC, T.V_ATTRIBUTE4_CODE =
S.V_ATTRIBUTE4_CODE, T.V_ATTRIBUTE4_VALUE = S.V_ATTRIBUTE4_VALUE,
T.V_ATTRIBUTE4_DESC = S.V_ATTRIBUTE4_DESC, T.V_ATTRIBUTE5_CODE =
S.V_ATTRIBUTE5_CODE, T.V_ATTRIBUTE5_VALUE = S.V_ATTRIBUTE5_VALUE,
T.V_ATTRIBUTE5_DESC = S.V_ATTRIBUTE5_DESC, T.V_ATTRIBUTE6_CODE =
S.V_ATTRIBUTE6_CODE, T.V_ATTRIBUTE6_VALUE = S.V_ATTRIBUTE6_VALUE,
T.V_ATTRIBUTE6_DESC = S.V_ATTRIBUTE6_DESC, T.V_ATTRIBUTE7_CODE =
S.V_ATTRIBUTE7_CODE, T.V_ATTRIBUTE7_VALUE = S.V_ATTRIBUTE7_VALUE,
T.V_ATTRIBUTE7_DESC = S.V_ATTRIBUTE7_DESC, T.V_ATTRIBUTE8_CODE =
S.V_ATTRIBUTE8_CODE, T.V_ATTRIBUTE8_VALUE = S.V_ATTRIBUTE8_VALUE,
T.V_ATTRIBUTE8_DESC = S.V_ATTRIBUTE8_DESC, T.V_ATTRIBUTE9_CODE =
S.V_ATTRIBUTE9_CODE, T.V_ATTRIBUTE9_VALUE = S.V_ATTRIBUTE9_VALUE,
T.V_ATTRIBUTE9_DESC = S.V_ATTRIBUTE9_DESC, T.V_ATTRIBUTE10_CODE =
S.V_ATTRIBUTE10_CODE, T.V_ATTRIBUTE10_VALUE = S.V_ATTRIBUTE10_VALUE,
T.V_ATTRIBUTE10_DESC = S.V_ATTRIBUTE10_DESC, T.V_ATTRIBUTE11_CODE =
S.V_ATTRIBUTE11_CODE, T.V_ATTRIBUTE11_VALUE = S.V_ATTRIBUTE11_VALUE,
T.V_ATTRIBUTE11_DESC = S.V_ATTRIBUTE11_DESC, T.V_ATTRIBUTE12_CODE =
S.V_ATTRIBUTE12_CODE, T.V_ATTRIBUTE12_VALUE = S.V_ATTRIBUTE12_VALUE,
T.V_ATTRIBUTE12_DESC = S.V_ATTRIBUTE12_DESC, T.V_ATTRIBUTE13_CODE =
S.V_ATTRIBUTE13_CODE, T.V_ATTRIBUTE13_VALUE = S.V_ATTRIBUTE13_VALUE,
T.V_ATTRIBUTE13_DESC = S.V_ATTRIBUTE13_DESC, T.V_ATTRIBUTE14_CODE =
S.V_ATTRIBUTE14_CODE, T.V_ATTRIBUTE14_VALUE = S.V_ATTRIBUTE14_VALUE,
T.V_ATTRIBUTE14_DESC = S.V_ATTRIBUTE14_DESC, T.V_ATTRIBUTE15_CODE =
S.V_ATTRIBUTE15_CODE, T.V_ATTRIBUTE15_VALUE = S.V_ATTRIBUTE15_VALUE,
T.V_ATTRIBUTE15_DESC = S.V_ATTRIBUTE15_DESC, T.V_CREATED_BY =
S.V_CREATED_BY, T.V_PARAM_COMMENTS = S.V_PARAM_COMMENTS,
T.D_CREATED_DATE = S.D_CREATED_DATE, T.V_ATTRIBUTE1_COMMENTS =
S.V_ATTRIBUTE1_COMMENTS, T.V_MODIFIED_BY = S.V_MODIFIED_BY,
T.V_ATTRIBUTE2_COMMENTS = S.V_ATTRIBUTE2_COMMENTS, T.D_MODIFIED_DATE =
S.D_MODIFIED_DATE, T.V_ATTRIBUTE3_COMMENTS = S.V_ATTRIBUTE3_COMMENTS,
T.V_AUTHORIZED_BY = S.V_AUTHORIZED_BY, T.V_ATTRIBUTE4_COMMENTS =
S.V_ATTRIBUTE4_COMMENTS, T.D_AUTHORIZED_DATE = S.D_AUTHORIZED_DATE,
T.V_ATTRIBUTE5_COMMENTS = S.V_ATTRIBUTE5_COMMENTS,
T.F_LATEST_RECORD_IDENTIFIER = S.F_LATEST_RECORD_IDENTIFIER,
T.V_ATTRIBUTE6_COMMENTS = S.V_ATTRIBUTE6_COMMENTS, T.D_PARAM_DATE =
S.D_PARAM_DATE, T.V_ATTRIBUTE7_COMMENTS = S.V_ATTRIBUTE7_COMMENTS,
T.FIC_MIS_DATE = S.FIC_MIS_DATE, T.V_ATTRIBUTE8_COMMENTS =
S.V_ATTRIBUTE8_COMMENTS, T.V_ATTRIBUTE9_COMMENTS =

```

```

S.V_ATTRIBUTE9_COMMENTS, T.V_ATTRIBUTE10_COMMENTS =
S.V_ATTRIBUTE10_COMMENTS, T.V_ATTRIBUTE11_COMMENTS =
S.V_ATTRIBUTE11_COMMENTS, T.V_ATTRIBUTE12_COMMENTS =
S.V_ATTRIBUTE12_COMMENTS, T.V_ATTRIBUTE13_COMMENTS =
S.V_ATTRIBUTE13_COMMENTS, T.V_ATTRIBUTE14_COMMENTS =
S.V_ATTRIBUTE14_COMMENTS, T.V_ATTRIBUTE15_COMMENTS =
S.V_ATTRIBUTE15_COMMENTS, T.V_PARAM_NAME = S.V_PARAM_NAME, T.N_CNTRY_KEY
= S.N_CNTRY_KEY
WHEN NOT MATCHED THEN INSERT
(V_PARAM_IDENTIFIER,V_PARAM_CATEGORY,V_PARAM_DESC,V_PARAM_VALUE,V_ATTRI
BUTE1_CODE,V_PARAM_CLASSIFICATION,V_ATTRIBUTE1_VALUE,V_ATTRIBUTE1_DESC,V_
ATTRIBUTE2_CODE,V_ATTRIBUTE2_VALUE,V_ATTRIBUTE2_DESC,V_ATTRIBUTE3_CODE,V_
ATTRIBUTE3_VALUE,V_ATTRIBUTE3_DESC,V_ATTRIBUTE4_CODE,V_ATTRIBUTE4_VALUE
,V_ATTRIBUTE4_DESC,V_ATTRIBUTE5_CODE,V_ATTRIBUTE5_VALUE,V_ATTRIBUTE5_DES
C,V_ATTRIBUTE6_CODE,V_ATTRIBUTE6_VALUE,V_ATTRIBUTE6_DESC,V_ATTRIBUTE7_CO
DE,V_ATTRIBUTE7_VALUE,V_ATTRIBUTE7_DESC,V_ATTRIBUTE8_CODE,V_ATTRIBUTE8_V
ALUE,V_ATTRIBUTE8_DESC,V_ATTRIBUTE9_CODE,V_ATTRIBUTE9_VALUE,V_ATTRIBUTE9
_DESC,V_ATTRIBUTE10_CODE,V_ATTRIBUTE10_VALUE,V_ATTRIBUTE10_DESC,V_ATTRI
BUTE11_CODE,V_ATTRIBUTE11_VALUE,V_ATTRIBUTE11_DESC,V_ATTRIBUTE12_CODE,V_A
TTRIBUTE12_VALUE,V_ATTRIBUTE12_DESC,V_ATTRIBUTE13_CODE,V_ATTRIBUTE13_VAL
UE,V_ATTRIBUTE13_DESC,V_ATTRIBUTE14_CODE,V_ATTRIBUTE14_VALUE,V_ATTRIBUTE
14_DESC,V_ATTRIBUTE15_CODE,V_ATTRIBUTE15_VALUE,V_ATTRIBUTE15_DESC,V_CREA
TED_BY,V_PARAM_COMMENTS,D_CREATED_DATE,V_ATTRIBUTE1_COMMENTS,V_MODIFIE
D_
BY,V_ATTRIBUTE2_COMMENTS,D_MODIFIED_DATE,V_ATTRIBUTE3_COMMENTS,V_AUTHO
RI
ZED_BY,V_ATTRIBUTE4_COMMENTS,D_AUTHORIZED_DATE,V_ATTRIBUTE5_COMMENTS,F_
L
ATEST_RECORD_IDENTIFIER,V_ATTRIBUTE6_COMMENTS,D_PARAM_DATE,V_ATTRIBUTE7_
COMMENTS,FIC_MIS_DATE,V_ATTRIBUTE8_COMMENTS,V_ATTRIBUTE9_COMMENTS,V_ATT
R
IBUTE10_COMMENTS,V_ATTRIBUTE11_COMMENTS,V_ATTRIBUTE12_COMMENTS,V_ATTRIB
U
TE13_COMMENTS,V_ATTRIBUTE14_COMMENTS,V_ATTRIBUTE15_COMMENTS,V_PARAM_N
AME
,V_JRSDCN_CD,N_CNTRY_KEY)
VALUES
(S.V_PARAM_IDENTIFIER,S.V_PARAM_CATEGORY,S.V_PARAM_DESC,S.V_PARAM_VALUE,
S.V_ATTRIBUTE1_CODE,S.V_PARAM_CLASSIFICATION,S.V_ATTRIBUTE1_VALUE,S.V_AT
TRIBUTE1_DESC,S.V_ATTRIBUTE2_CODE,S.V_ATTRIBUTE2_VALUE,S.V_ATTRIBUTE2_DE
SC,S.V_ATTRIBUTE3_CODE,S.V_ATTRIBUTE3_VALUE,S.V_ATTRIBUTE3_DESC,S.V_ATTR
IBUTE4_CODE,S.V_ATTRIBUTE4_VALUE,S.V_ATTRIBUTE4_DESC,S.V_ATTRIBUTE5_CODE
,S.V_ATTRIBUTE5_VALUE,S.V_ATTRIBUTE5_DESC,S.V_ATTRIBUTE6_CODE,S.V_ATTRIB
UTE6_VALUE,S.V_ATTRIBUTE6_DESC,S.V_ATTRIBUTE7_CODE,S.V_ATTRIBUTE7_VALUE,
S.V_ATTRIBUTE7_DESC,S.V_ATTRIBUTE8_CODE,S.V_ATTRIBUTE8_VALUE,S.V_ATTRIBU
TE8_DESC,S.V_ATTRIBUTE9_CODE,S.V_ATTRIBUTE9_VALUE,S.V_ATTRIBUTE9_DESC,S_
V_ATTRIBUTE10_CODE,S.V_ATTRIBUTE10_VALUE,S.V_ATTRIBUTE10_DESC,S.V_ATTRIB
UTE11_CODE,S.V_ATTRIBUTE11_VALUE,S.V_ATTRIBUTE11_DESC,S.V_ATTRIBUTE12_CO
DE,S.V_ATTRIBUTE12_VALUE,S.V_ATTRIBUTE12_DESC,S.V_ATTRIBUTE13_CODE,S.V_A
TTRIBUTE13_VALUE,S.V_ATTRIBUTE13_DESC,S.V_ATTRIBUTE14_CODE,S.V_ATTRIBUTE
14_VALUE,S.V_ATTRIBUTE14_DESC,S.V_ATTRIBUTE15_CODE,S.V_ATTRIBUTE15_VALUE
,S.V_ATTRIBUTE15_DESC,S.V_CREATED_BY,S.V_PARAM_COMMENTS,S.D_CREATED_DATE
,S.V_ATTRIBUTE1_COMMENTS,S.V_MODIFIED_BY,S.V_ATTRIBUTE2_COMMENTS,S.D_MOD
IFIED_DATE,S.V_ATTRIBUTE3_COMMENTS,S.V_AUTHORIZED_BY,S.V_ATTRIBUTE4_COMM
ENTS,S.D_AUTHORIZED_DATE,S.V_ATTRIBUTE5_COMMENTS,S.F_LATEST_RECORD_IDENT
IFIER,S.V_ATTRIBUTE6_COMMENTS,S.D_PARAM_DATE,S.V_ATTRIBUTE7_COMMENTS,S.F

```

```
IC_MIS_DATE,S.V_ATTRIBUTE8_COMMENTS,S.V_ATTRIBUTE9_COMMENTS,S.V_ATTRIBU
E10_COMMENTS,S.V_ATTRIBUTE11_COMMENTS,S.V_ATTRIBUTE12_COMMENTS,S.V_ATTRI
BUTE13_COMMENTS,
S.V_ATTRIBUTE14_COMMENTS,S.V_ATTRIBUTE15_COMMENTS,S.V_PARAM_NAME,S.V_JRS
DCN_CD,S.N_CNTRY_KEY);
```

b. Merge into *APPLN_REREVIEW_PARAMS T* using:

```
(SELECT '1070' N_RULE_ID, '##LOOK_BACK_PERIOD##' N_LOOK_BACK_PERIOD, "
N_PRIORITY, " N_COUNT_OF_ALERTS, " N_ALERT_SCORE, 'Regulatory Report
action/s on a Customer Case' V_RULE_NAME, 'Reviews a customer who has
been impacted due to a change in case status to be closed' V_RULE_DESC,
'Customer' V_RULE_FOCUS, " N_RULE_FRQUNCY, 'AR' V_RULE_TYPE, "
N_COUNT_OF_CHANGES, " V_CREATED_BY, " F_ALERT_FOCUSED_TRIGR_FLAG, "
V_COMMENTS, " D_CREATED_DATE, " V_MODIFIED_BY, " D_MODIFIED_DATE, "
V_AUTHORIZED_BY, " D_AUTHORIZED_DATE, " F_LATEST_RECORD_IDENTIFIER, "
FIC_MIS_DATE, 'Y' F_ENABLE, 'Reviews a customer who has been impacted due
to a change in case status to be closed' V_RULE_DISPY_NAME,
'##JRSDCN_CD##' V_JRSDCN_CD, " V_CUST_TYPE_CD, " V_STATUS, "
V_ACTION, " V_COMMENT, " N_SRC_CNTRY_KEY, '0' N_RULE_SCORE, "
V_PARAM_RULE_CODE FROM DUAL) S
ON ( T.N_RULE_ID = S.N_RULE_ID AND T.V_JRSDCN_CD = S.V_JRSDCN_CD )
WHEN MATCHED THEN UPDATE SET T.N_LOOK_BACK_PERIOD =
S.N_LOOK_BACK_PERIOD, T.N_PRIORITY = S.N_PRIORITY, T.N_COUNT_OF_ALERTS =
S.N_COUNT_OF_ALERTS, T.N_ALERT_SCORE = S.N_ALERT_SCORE, T.V_RULE_NAME =
S.V_RULE_NAME, T.V_RULE_DESC = S.V_RULE_DESC, T.V_RULE_FOCUS =
S.V_RULE_FOCUS, T.N_RULE_FRQUNCY = S.N_RULE_FRQUNCY, T.V_RULE_TYPE =
S.V_RULE_TYPE, T.N_COUNT_OF_CHANGES = S.N_COUNT_OF_CHANGES,
T.V_CREATED_BY = S.V_CREATED_BY, T.F_ALERT_FOCUSED_TRIGR_FLAG =
S.F_ALERT_FOCUSED_TRIGR_FLAG, T.V_COMMENTS = S.V_COMMENTS,
T.D_CREATED_DATE = S.D_CREATED_DATE, T.V_MODIFIED_BY = S.V_MODIFIED_BY,
T.D_MODIFIED_DATE = S.D_MODIFIED_DATE, T.V_AUTHORIZED_BY =
S.V_AUTHORIZED_BY, T.D_AUTHORIZED_DATE = S.D_AUTHORIZED_DATE,
T.F_LATEST_RECORD_IDENTIFIER = S.F_LATEST_RECORD_IDENTIFIER,
T.FIC_MIS_DATE = S.FIC_MIS_DATE, T.F_ENABLE = S.F_ENABLE,
T.V_RULE_DISPY_NAME = S.V_RULE_DISPY_NAME, T.V_CUST_TYPE_CD =
S.V_CUST_TYPE_CD, T.V_STATUS = S.V_STATUS, T.V_ACTION = S.V_ACTION,
T.V_COMMENT = S.V_COMMENT, T.N_SRC_CNTRY_KEY = S.N_SRC_CNTRY_KEY,
T.N_RULE_SCORE = S.N_RULE_SCORE, T.V_PARAM_RULE_CODE =
S.V_PARAM_RULE_CODE
WHEN NOT MATCHED THEN INSERT
(N_RULE_ID,N_LOOK_BACK_PERIOD,N_PRIORITY,N_COUNT_OF_ALERTS,N_ALERT_SCORE
,V_RULE_NAME,V_RULE_DESC,V_RULE_FOCUS,N_RULE_FRQUNCY,V_RULE_TYPE,N_COUN
T
_OF_CHANGES,V_CREATED_BY,F_ALERT_FOCUSED_TRIGR_FLAG,V_COMMENTS,D_CREATE
D
_DATE,V_MODIFIED_BY,D_MODIFIED_DATE,V_AUTHORIZED_BY,D_AUTHORIZED_DATE,F_
LATEST_RECORD_IDENTIFIER,FIC_MIS_DATE,F_ENABLE,V_RULE_DISPY_NAME,V_JRSDC
N_CD,V_CUST_TYPE_CD,V_STATUS,V_ACTION,V_COMMENT,N_SRC_CNTRY_KEY,N_RULE_S
CORE,V_PARAM_RULE_CODE)
VALUES
(S.N_RULE_ID,S.N_LOOK_BACK_PERIOD,S.N_PRIORITY,S.N_COUNT_OF_ALERTS,S.N_A
LERT_SCORE,S.V_RULE_NAME,S.V_RULE_DESC,S.V_RULE_FOCUS,S.N_RULE_FRQUNCY,S
.V_RULE_TYPE,S.N_COUNT_OF_CHANGES,S.V_CREATED_BY,S.F_ALERT_FOCUSED_TRIGR
_FLAG,S.V_COMMENTS,S.D_CREATED_DATE,S.V_MODIFIED_BY,S.D_MODIFIED_DATE,S.V_A
UTHORIZED_BY,
```

```
S.D_AUTHORIZED_DATE,S.F_LATEST_RECORD_IDENTIFIER,S.FIC_M  
IS_DATE,S.F_ENABLE,S.V_RULE_DISPY_NAME,S.V_JRSDCN_CD,S.V_CUST_TYPE_CD,S.  
V_STATUS,S.V_ACTION,S.V_COMMENT,S.N_SRC_CNTRY_KEY,S.N_RULE_SCORE,S.V_PARAM  
_RULE_CODE);
```

3.1.3 OFS Anti-Money Laundering (AML)

This section describes the AML-related post-installation steps.

If OFS AML is installed:

1. Delete the list of class files inside the \$FIC_HOME/bdf/classes directory.
2. Steps to execute DQ scripts in different FSDF INFODOMs are as follow:
 - a. Navigate to FIC_HOME/database/db_tools/bin path and execute the file Replace_FSDF_Placeholder.sh with FSDF infodom and FSDF segments as arguments. For example : ./Replace_FSDF_Placeholder.sh FSDFINFODOM FSDFSEGMENT.
 - b. Copy \$FIC_HOME/database/DQScripts to a local folder.
 - c. Log in to FSDF schema and Run the following command in SQL developer.
 - define dir="DQFiles_PATH"
DQFiles_PATH - The directory path DQ files were copied in step above.
For example: define dir="C:\DQScripts".
 - Execute Execution_Order_DQ.sql
For example: @&dir\Execution_Order_DQ.sql.
3. Execute the below SQL script in BD atomic schema if BD and FSDF are in the same Infodom. If FSDF is in a different Infodom, execute the below SQL script in FSDF atomic schema:

```
ALTER TABLE STG_RETIREMENT_ACCOUNTS_TXNS MODIFY D_POSTING_TIME TIMESTAMP WITH  
TIME ZONE  
  
/  
  
ALTER TABLE STG_ANNUITY_TXNS MODIFY D_POSTING_TIME TIMESTAMP WITH TIME ZONE  
  
/
```

3.1.4 OFS Real Time Fraud (RTF)

This section describes the RTF-related post-installation steps.

If OFS RTF is installed:

1. Redeploy the war files - RTFWIRE.ear and RTFCARD.ear. Do not deploy RTFRAUD.war.

Note

RTF CARD and WIRE are not supported on Tomcat in OFS BD 8129 ML.

2. Execute steps a and b only if migration is not done as part of 8124 patch.
 - a. Follow these steps to migrate existing Fraud data to the new UI. This step must be performed only once. During reinstallation, skip this step.

- i. Execute the command from SYS DB: GRANT CREATE JOB TO \$ATOMIC_SCHEMA.
- ii. In Real Time Fraud PMF Migration.sql [Real Time Fraud PMF Migration.sql](#), replace all \$ATOMIC_SCHEMA with current atomic schema name.

Note

- The atomic schema name is case sensitive and must be in Capital letters.
- During upgrade from OFS BD 8123, remove the following from the Migration.sql file. This must be performed only when upgrading directly from OFS BD 812.

```
CREATE TABLE FCC_FR_RULE_ID_MAP ( "N_OLD_RULE_ID" NUMBER(28,0)
DEFAULT NULL,
"V_TRXN_TYPE" VARCHAR2(50) DEFAULT NULL,
"N_NEW_RULE_ID" NUMBER(28,0) DEFAULT NULL NOT NULL ENABLE
)
/
```

- b. If Oracle Financial Services Real Time Fraud (RTF) CARD or WIRE version <= 8.1.2.3 is installed, follow these steps for PMF migration.

Note

Before installation close all pending alerts in the system. Before running the PMF migration steps, do not click on any old alerts from the UI post installation.

From OFS RTF 8.1.2.4, Jurisdiction and Business Domain are mandatory fields. In the migration script, update the first query for WIRE_MIG_TASK in post installation section under *--WIRE FCC_FR_ALERTS* with the correct jurisdiction and business domain code for the old alerts. Provide the values with double single quotes ("").

For example: For giving value of 'a' for business domain and 'AMEA' for jurisdiction (values must be from *BUS_DMN_CD* in *KDD_BUS_DMN* and *JRSDCN_CD* in *KDD_JRSDCN* tables respectively).

```
l_sql_stmt := ' INSERT INTO FCC_FR_ALERTS ( N_ALERT_ID, T_ACTION_TAKEN, V_STATUS,
JRSDCN_CD, BUS_DOMAIN_CD, V_ASSIGNEE, RUNTIMESTAMP, V_ACTION, V_DECISION_CD,
V_TRANS_TYPE ) SELECT FCC_FR_ALERT_ID_MAP.N_NEW_ALERT_ID, T_ACTION_TAKEN,
FCC_FR_TRANSACTIONS_8124_BACKUP.V_STATUS, "AMEA", "a", V_ASSIGNEE, RUNTIMESTAMP,
V_ACTION, CASE WHEN T_ACTION_TAKEN IS NULL THEN NULL ELSE V_ACTION END, "WIRE"
FROM FCC_FR_TRANSACTIONS_8124_BACKUP INNER JOIN FCC_FR_ALERT_ID_MAP ON
FCC_FR_ALERT_ID_MAP.N_TRANSACTIONSEQID =
FCC_FR_TRANSACTIONS_8124_BACKUP.N_TRANSACTIONSEQID WHERE
FCC_FR_TRANSACTIONS_8124_BACKUP.ROWID BETWEEN :start_id AND :end_id AND
FCC_FR_ALERT_ID_MAP.V_TRXN_TYPE="WIRE";
```

PMF Migration

- Execute in ATOMIC_SCHEMA. Replace \$CONFIG_SCHEMA with Config Schema name.

GRANT SELECT, UPDATE on FCC_FR_ALERT_ID_MAP to \$CONFIG_SCHEMA

/

- Execute in CONFIG_SCHEMA. Replace \$ATOMIC_SCHEMA with Atomic Schema name.
CREATE OR REPLACE SYNONYM ALERT_ID_MAP
FOR \$ATOMIC_SCHEMA.FCC_FR_ALERT_ID_MAP
/
- Ensure that PMF matches value before update.
For example: If L1 PMF had OFS ECM enabled for CARD for OFS BD version < 8124, enable it. Then restart FICServer and App server before calling the command.
- Execute the updated Real Time Fraud PMF Migration.sql in the atomic schema.
- The PMF POST request is a long running process (~1100-1200 alerts/min at 10 threads, 10,000 step size). When the total number of records is very large, performing the migration in one go can be avoided by updating V_STATUS in FCC_FR_ALERT_ID_MAP to 'SKIP' for records that are not to be processed at the time. Change this back to NULL before resuming.
- Migration POST request:

Address: hostname:port/\$BDCONTEXT/rest-api/FRAUDREST/RealTimeFraudPMFMigration

Request body for Card:

```
{ "transactionType": "CARD", (Required) "Threads": 10, (Optional param, default value 10 if not provided)
  "Stepsize": 10000 (Optional param, default value 10000 if not provided) }
```

Request body for Wire:

```
{ "transactionType": "WIRE", (Required) "Threads": 10, (Optional param, default value 10 if not provided)
  "Stepsize": 10000 (Optional param, default value 10000 if not provided) }
```

Note

Generally, increasing parallelization does not increase throughput as bottleneck is in the PMF API which is serialized. So, default values are preferred. The number of threads does not increase unless a high config box (The API was tested with 8 CPU LINUX KVM (64 total)) is used. If thread size is increased, make sure to increase the number of connections for FICMASTER in WebLogic console. This must at minimum be 5 more than the number of threads. Stepsize must be 500-1000x the number of threads.

- Status of migration can be monitored using logs or by manually checking the tables in DB.
 - For alerts which have migrated successfully/error/no update for card:
SELECT COUNT(*) FROM FCC_FR_ALERT_ID_MAP WHERE V_STATUS IS NOT NULL
AND V_TRXN_TYPE = 'CARD'
 - For alerts which are yet to migrate and are being processed for card:
SELECT COUNT(*) FROM FCC_FR_ALERT_ID_MAP WHERE V_STATUS IS NULL AND
V_TRXN_TYPE = 'CARD'
 - For alerts which have migrated successfully/error/no update for wire:

- SELECT COUNT(*) FROM FCC_FR_ALERT_ID_MAP WHERE V_STATUS IS NOT NULL AND V_TRXN_TYPE = 'WIRE'
- For alerts which are yet to migrate and are being processed for card:
SELECT COUNT(*) FROM FCC_FR_ALERT_ID_MAP WHERE V_STATUS IS NULL AND V_TRXN_TYPE = 'WIRE'

3.1.5 Configuring JIT

This section describes how to configure JIT.

The purpose of JIT is to manage users from LDAP/SSO. JIT is a one-way sync from LDAP/SSO source to the application. Hence all application users must be synced through JIT.

To configure JIT:

1. Log in as SYSADMN and make the changes to the System Configuration Details:
 - a. Select **Authentication Type** as **LDAP Authentication and SMS Authorization**.
 - b. Click **Add** and provide your LDAP Server Details and click **Save**.
 - c. Check the JIT Provisioning Enabled option.
2. If a new user is added to a group or existing user is removed from a group, in the next login, remapping of the security attributes will be done only if *JIT_IS_SYNC_GRP_ENABLED* is set to Y. Execute the following statement to enable JIT sync.
 UPDATE CONFIGURATION set paramvalue = 'Y' where paramname='JIT_IS_SYNC_GRP_ENABLED';
 COMMIT;
3. In the Authentication Server (for example, SAML , LDAP etc.), Application User Groups and User Mappings must be created.
4. In the Atomic Schema a new table *FCC_GROUP_SEC_ATTR_MAP* is introduced to configure the Security attributes mapping to the Application User Groups. Login to Atomic Schema and configure security attributes to the User groups.
 - a. V_GROUP_CD column must be populated with the User groups mapped to User.
 - b. For OFSBD, valid values for V_SEC_ATTR_CD column are JRSDCN, ORG, BUSDMN, CORR_ID, SCNRO_GRP_ID.
 - c. For OFSBD, valid values for V_SEC_ATTR_VAL column are Jurisdiction, Organization, Business domain, Correlation and Scenario Group. These are available in KDD_JRSDCN, KDD_ORG, KDD_BUS_DMN, KDD_CORR_RULE and KDD_SCNRO table respectively.
5. For Configuring Security Mapping for the Pool Users, *FCC_GROUP_SEC_ATTR_MAP* table in Atomic Schema has been used.
 - a. V_GROUP_CD column must be populated with the LORG group created.
 - b. For OFS BD, valid values for V_SEC_ATTR_CD column are JRSDCN, ORG, BUSDMN, CORR_ID, SCNRO_GRP_ID.
 - c. For OFS BD, valid values for V_SEC_ATTR_VAL column are Jurisdiction, Organization, Business domain, Correlation and Scenario Group. These are available in KDD_JRSDCN, KDD_ORG , KDD_BUS_DMN, KDD_CORR_RULE and KDD_SCNRO table respectively.
6. Additional User Attributes:

- a. Alert Own Flag: Create *ALERTOWNFLUG* group in Authentication Server and map to the User. If Alert Own Flag for a User needs to be Y, then map this group to the User. If Alert Own Flag for a User needs to be N, then make sure it is not mapped to the User.
- b. Reporting/Line Organization: Create a User group with Prefix as *ORG_CD* (from *KDD_ORG* table) and suffix as *LORG*.
For example: If *TestOrgA* is the Line organization then create a User group as *TESTORGALORG*.

Note

The above User group is to be created and mapped to Infodom/Segment and *LINEORG* role in the OFSAA Application. It also needs to be created in Authentication Server (For example, SAML , LDAP etc.) and mapped to the User. Make sure for any User only one *LORG* group is mapped. If the *LORG* group is mapped as part of any other Application, then there is no need to map again.

7. Log in with the New User in the Application and observe that the Security attributes mapping is done.
8. If User group mapping does not have any change and there are only Security attribute mapping changes to be done, then log in as Admin user and navigate to Batch Maintenance and create a Batch. For OFSBD, add the BD task *FN_FCC_JIT_SYNCH* to it.
9. To disable a user/users disabled on Authentication Server, login with Admin user and navigate to Batch Maintenance and create a Batch.
 - a. For OFSBD, add the BD task *FN_FCC_DISABLE_USR* to it.
 - b. Edit the Task, mention the User or User IDs comma separated in the Parameter section. It must be enclosed in Single Quotes.
For example: 'AMSUP,KYCADMN' where AMSUP,KYCADMN are users that need to be disabled in the *KDD_REVIEW_OWNER* table.

3.1.6 Configuring Scenario Manager

This section describes how to configure the Scenario Manager.

For details on configuring the Scenario Manager, see [Oracle Financial Services Behavior Detection Installation Guide Release 8.1.2.0.0](#).

3.1.7 Configuring Watch List Management

This section describes configuring Watch Lists.

The table *KDD_PRCNSG_BATCH_JRSDCN_MAP* has two columns *PRCSNG_BATCH_NM* and *JRSDCN_CD*. This contains mapping between the columns for use by the Watch List Management UI. Ensure that the relevant data is available in this table.

For Example:

```
INSERT INTO KDD_PRCNSG_BATCH_JRSDCN_MAP (PRCSNG_BATCH_NM, JRSDCN_CD)
VALUES ('FR', 'EMEA');
INSERT INTO KDD_PRCNSG_BATCH_JRSDCN_MAP (PRCSNG_BATCH_NM, JRSDCN_CD)
```

```
VALUES ('SG', 'APAC');  
COMMIT;
```

4.1 Deploying FCCM Analytic Reports

This section describes how to deploy Analytics on Oracle Business Intelligence Enterprise Edition (ORACLE ANALYTIC SERVER (OAS) version 24.0) and integrate FCCM Analytic Reports in the OFSBD UI.

Installing OAS Version 24.0

To install the ORACLE ANALYTIC SERVER (OAS) version 24.0:

1. Download the software from [ORACLE ANALYTIC SERVER \(OAS\) 24.0 server](#).
2. After installation, get the Enterprise Manager URL, User name, Password, and ORACLE ANALYTIC SERVER (OAS) version 24.0 installed directory from your System Administrator.

Installing OAS Version 24.0 Windows Administration Client

Download and install [OAS Client](#) tool for 24.0.

Disabling Cache Feature in OAS Version 24.0

This section describes how to disable the Cache feature in the Oracle Analytic Server (OAS) version

- To disable the Cache feature:
 1. Login to the Enterprise Manager.
 2. Click the **Target Navigation** icon.
 3. Expand the **Business Intelligence** section and then click **bi instance**.
 4. Click the **Configuration** tab.
 5. Click the **Lock** icon and then click **Lock & Edit** to enable the **Cache Enabled** check-box.
 6. Under the **Performance** tab, in the **Enable Bi Server Cache** section, reselect the **Cache Enabled** check-box and make the required changes.
 7. Click the **Lock** icon and then click **Release Configuration** to save the changes made.

Change Default Repository Password

Copy the FCCM8129.rpd from \$FIC_HOME/ORACLE ANALYTIC SERVER (OAS)24.0/Repository to the Windows machine where the Oracle Analytic Server (OAS) 24.0 Windows Administration Client is installed.

To change the default password for the repository:

1. Open the Repository using the OAS Windows Administration client from Windows machine.
2. From the **File** menu, select **Open**, and click **Off line**.
3. Browse to the Repository on Windows machine.
The **Oracle BI Administration Tool - FCCM8129.rpd** window is displayed.
4. Enter default Repository password: **FCCM\$8129**.
To change the default password:
 - a. From the **File** menu, choose **Change Password**.

- b. Enter the new password and click **OK**.

Configuring OAS Version 24.0 Connection Pool

This section describes how to configure the Oracle Analytic Server (OAS) version 24.0 Connection Pool.

To configure the Connection Pool of the repository:

1. Open the same Repository (as in the previous step) on the Windows machine. The **Oracle BI Administration Tool - FCCM8129.rpd** window is displayed.
2. Expand the FCCM folder in the **Physical** section.
3. Double-click **Connection Pool** to open the **Connection Pool Properties** window.
4. Enter the following in the **Data Source Name** text box of the **Connection Pool Properties** window after modifying <Database Server Host Name> and <Database Name> Data Source Name = (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=<Database Server HostName>)(PORT=1521))(CONNECT_DATA=(SERVER=DEDICATED)(SERVICE_NAME=<DatabaseName>))).
5. Enter the Atomic Schema **user name** and **password** in respective fields.
6. Click **OK**.
7. Expand the folder.
8. Right-click on any one table name and select **View Data**.
9. Perform similar changes in the **Connection Pools** for all remaining folders in the **Physical Layer** by providing the following schema details for all Connection Pools:
 - a. KYC Analytics > Atomic Schema

Note

Both the initial block and the connection pool must point to the Atomic Schema.

- b. UIC_73 > CaseMng Connection Pool > Atomic Schema
- c. TA > Atomic Schema
- d. CTRBI > Atomic Schema
- e. ORCL > Atomic Schema
- f. FCCM > Atomic Schema
10. From the **File** menu, select **Save**.
A confirmation message is displayed.
11. Click **Yes**.
The message: *Consistency check didn't find any errors, warning or best practices violations.* is displayed.
12. Click **OK**.

Deploying OFS FCCM Report Analytics

To deploy Reports Analytics:

1. Login to System Settings using the URL:
`http://<oas server name>:<oas analytics port number>/analytics/systemsettings/`

Example link for reference: <http://testserver:9502/analytics/systemsettings/>

2. Search for Evaluate in the search box.
3. Select Level 2 from the Evaluate Support Level drop-down.
4. Search for HTML in the search box.
5. Enable Allow Malcontent.
6. Click Restart.
7. Update the `instanceconfig.xml` file present in `<Oracle Analytic Server (OAS) 24.0_home>/user_projects/domains/bi/config/fmwconfig/biconfig/OBIPS` location as detailed here.
8. Replace the following script:

```
<Security>
This Configuration setting is managed by Oracle Enterprise Manager Fusion
Middleware Control-->
<ClientSessionExpireMinutes>210</ClientSessionExpireMinutes>
</Security>
```

With the following:

```
<Security>
<!--This Configuration setting is managed by Oracle Enterprise Manager Fusion
Middleware Control-->
<ClientSessionExpireMinutes>210</ClientSessionExpireMinutes>
<InIFrameRenderingMode>allow</InIFrameRenderingMode>
</Security>
```

9. Deploy *BAR(CATALOG)*.
 - a. Navigate to `$FIC_HOME/OBIEE/catalog`.
 - b. Copy `FCCM_ANALYTICS.bar` to the working location of OAS server.
 - c. Copy `FCCM8129.rpd` into the working location of OAS server.
 - d. Go to: `<OAS 24.0 Home directory>/Oracle_Home/user_projects/domains/bi/bitools/bin`.
 - e. Execute the command: `./importarchive.sh ssi <working location>/FCCM_ANALYTICS.bar. encryptionpassword='<pwd>'`

Note

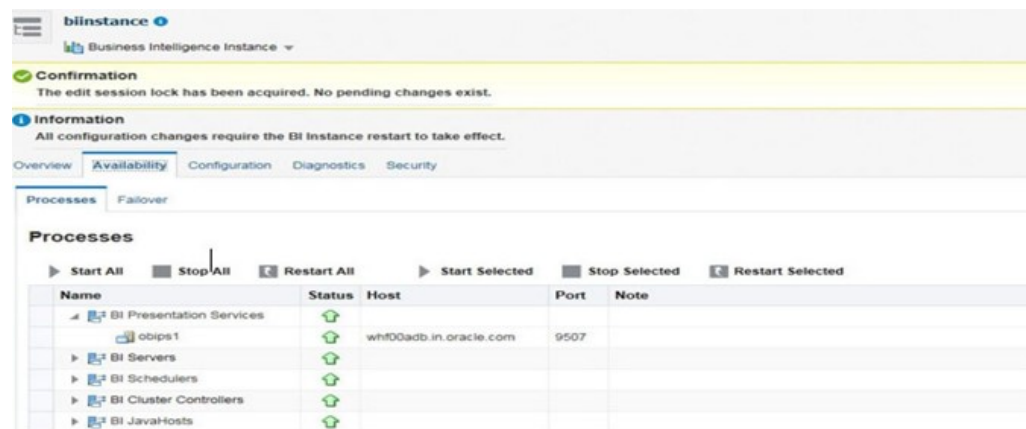
`pwd` is the same as RPD (Repository) password.

10. Deploy `FCCM8129.rpd`.
 - a. Navigate to the working directory and execute the following script:


```
<Oracle Analytic Server (OAS) 24.0_home>/user_projects/domains/bi/bitools/bin/datamodel.sh uploadrpd -I FCCM8129.rpd -SI ssi -U <user> -P <password>
```
 - b. Restart the Oracle Analytic Server (OAS) 24.0 from Enterprise Manager by following these steps:
 - i. Click the **Target Navigation** icon.
 - ii. Expand the **Business Intelligence** section and then click bi instance.

- iii. Click the **Availability** tab.
- iv. Click **Stop All**.
- v. Click **Start All**.

Figure 1 Restarting Oracle Analytic Server (OAS) 24.0



Configuring TreeMap Graph

To configure the TreeMap Graph:

1. Log into Oracle Analytic Server (OAS)24.0.
2. Navigate to ORACLE ANALYTIC SERVER (OAS) 24.0 Home.

Note

ORACLE ANALYTIC SERVER (OAS) 24.0 Home is the ORACLE ANALYTIC SERVER (OAS) 24.0 installed path.

3. Execute the command:

```
cd <Oracle Analytic Server (OAS)24.0_home>
```

.

4. Execute the command to find the available treemap-canvas.js:

```
find -nametreemap- canvas.js
```

.

Four different files (all named treemap-canvas.js) are displayed.

5. Take back-up of these files.
6. Edit the **.top.console** window to console in these four files and save.

Disabling Single Sign On

To disable Single Sign On:

1. Execute the following command:

```
<Oracle Analytics Server 24.0_Home>/commemoration/common/bin/wlst.sh disableBISingleSignOn('<Oracle Analytics Server 24.0_Home>/ user_projects/domains/bi')
```

2. Update the instanceconfig.xml file available in <Oracle Analytics Server 24.0_Home>/user_projects/domains/bi/config/fmwconfig/biconfig/OBIPS location as:

Add or replace the following script inside <ServerInstance> </ServerInstance>

For example:

```
<ServerInstance>
<Security>
<InIFrameRenderingMode>allow</InIFrameRenderingMode>
</Security>
</ServerInstance>
```

Note

While accessing the Statement View report, ensure that the protocol is the same as the one used in OAS.

Enabling Table Authentication in OAS Version 24.0

To enable the Table Authentication feature:

1. Navigate to <DOMAIN_HOME(OAS Server Domainhome)>/config/fmwconfig/ biconfig/OBIPS/incubation.properties (if this file does not exist, create it).
2. Add/update the incubation.properties file with the following line:

```
oracle.bips.auth.nextGenAuth=false
```

3. Restart the OBIPS process(es).
For example:

- <DOMAIN_HOME>/bitools/bin/stop.sh -iobips1
- <DOMAIN_HOME>/bitools/bin/start.sh -iobips1

Viewing KYC Reports as an Investigation User

To view KYC reports as an Investigation User:

1. Log into Application as sysadmin.
2. Navigate to **Function-Role Map**.
3. For *KYCINGATOR* role, map the function Reports.

For more information Function-Role Mapping see the *Function - Role Map* section in [Oracle Financial Services Analytical Applications Infrastructure User Guide](#).

5.1 Performance Tuning of Scenarios

This section describes the Performance Tuning of Scenarios.

Customers can enable Performance Tuning of Scenarios using custom hints in the Customer's environment depending on Customer data volume. Currently this feature is offered for the following seven scenarios:

- 114000122-(ML/AC) Terrorist Financing
- 114000123-(ML/EN) Terrorist Financing
- 115200003-(ML/AC) Large Depreciation of Account Value
- 115400007-(ML/EN) Large Reportable Transactions
- 114000078-(ML/CU) Patterns of Funds Transfers Between Customers and External Entities
- 114000082-(ML/EN) Patterns of Recurring Originators/Beneficiaries in FundsTransfers
- 116000079-(ML/CU) Rapid Movement of Funds - All Activity
- 118860005 - (ML/CU) Hub and Spoke
- 118860014 - (ML/EN) Hub and Spoke

To configure this feature:

1. Run the scenario job with TRACE ON.
2. Read the log of job and identify SQL that took more time and needs to be tuned. It could be Primary Rule's SQL or SQL from any Sub-Rule.
3. This SQL will be having QB_NAME keywords with names in used subqueries. For example: Take scenario ML-RapidMvmtFundsAllActivity.116000079.xml for analyzing. Assume this Primary Rule's dataset takes time to execute.

```
<COLUMN NAME="DATASET_ID" TYPE="NUMBER" PK="YES" NULL="NO">114012498</COLUMN>  
<COLUMN NAME="DATASET_NM" TYPE="CHAR"  
PK="NO"NULL="NO">ML_RapidMvmtFundsAll_CU_Pri_Rem1</COLUMN>
```

And Sub Rules dataset takes time to execute:

```
<COLUMN NAME="DATASET_ID" TYPE="NUMBER" PK="YES" NULL="NO">114012544</COLUMN>  
<COLUMN NAME="DATASET_NM" TYPE="CHAR" PK="NO"  
NULL="NO">ML_RapidMvmtFundsAll_CU_Wi1m1</COLUMN>
```

In SQL, the following subqueries are named by QB_NAME.

For example:

- a. Primary Rule SQL blocks are as the following:
wires as

```
(  
select /*+ QB_NAME(WIRE) */ w.FO_TRXN_SEQ_ID, w.BENEF_ACCT_ID,  
w.SCND_BENEF_ACCT_ID, w.ORIG_ACCT_ID ...
```

```

from @MINER@.WIRE_TRXN w
...
---

mitrxn as

(
select /*+ QB_NAME(MI) */ m.FO_TRXN_SEQ_ID, m.BENEF_ACCT_ID,
m.SCND_BENEF_ACCT_ID, m.REM_ACCT_ID ...
from @MINER@.MI_TRXN m
...
---

```

Cust_Accounts as

```

(SELECT /*+ QB_NAME(ACCT) */ c.CUST_SEQ_ID,
ac.PRMRY_CUST_INTRL_ID as CUST_INTRL_ID, ac.ACCT_INTRL_ID,
c.CUST_EFCTV_RISK_NB, ac.ACCT_OPEN_DT FROM
@MINER@.ACCT ac, @MINER@.CUST c
...
---

```

b. Sub Rule SQL blocks are as the following:

```

SELECT /*+ QB_NAME(WIRE_ORG) */
c.CUST_INTRL_ID as CUST_INTRL_ID,
w.FO_TRXN_SEQ_ID
FROM
@MINER@.WIRE_TRXN w,
@MINER@.ACCT ac,
@MINER@.CUST c
...
---

SELECT /*+ QB_NAME(WIRE_BEN) */
c.CUST_INTRL_ID as CUST_INTRL_ID,
w.FO_TRXN_SEQ_ID
FROM
@MINER@.WIRE_TRXN w,
@MINER@.ACCT ac,
@MINER@.CUST_ACCT ca,
@MINER@.CUST c,
@MINER@.CUST_ACCT_ROLE car
...
---

```

These names allow us to set the hints for used tables by parameter in *KDD_INSTALL_PARAM*. For example:

- Based on analysis of Explain plan of the tuned SQL, some hints can significantly improve the performance.
- Say it was concluded after due analysis that hint *PARALLEL* for *ACCT* table and *FULL* hint for *WIRE_TRXN* should be used in both Primary and Sub-Rule SQL.
- Insert parameter which will add needed hints to code of the dataset.

- The names of subqueries where hints need to be added are /*+ QB_NAME(ACCT) */ and /*+ QB_NAME(WIRE) */ for primary and /*+ QB_NAME(WIRE_ORG) */ and /*+ QB_NAME(WIRE_BEN) */ for Sub-Rule.

Add following parameter to *KDD_INSTALL_PARAM*.

For example: Sample insert query to insert values in *KDD_INSTALL_PARAM*.

```
Insert into KDD_INSTALL_PARAM (PARAM_ID, PARAM_NM,ATTR_1_CD,
ATTR_1_VALUE_TX,ATTR_2_CD, ATTR_2_VALUE_TX)values (449, 'DLY',
're_rule_matcher.primaryrule.hint.116000079', '/*+ PARALLEL(@ACCT, ac) FULL(@WIRE, w) */'
,'rule_matcher.subrule.hint.116000079','/*+ PARALLEL(@WIRE_ORG, ac) FULL(@WIRE_BEN,
w) */');
commit;
```

Note

The above used hints are for illustrative purpose only.

4. When these jobs are run again, these hints will be added to scenario SQL. This can be checked in scenario log.

Note

Continue this tuning process till the desired result is achieved.

6.1 JAVA Upgrade

This section describes the Java upgrade.

Note

- From BD 8.1.1.1.0 onwards, JAVA11 is supported with the following web servers:
 - Weblogic 14.1.x.x
 - Apache Tomcat 9.0.xx
- Existing web servers must be re-configured/re-installed with JAVA11.

Configuring Existing JAVA8 Environments

To upgrade from JAVA8 to JAVA11:

1. Install the JAVA11 in the server.
2. Use the following command to list the files and note the file names:

```
grep -r -l '/scratch/jdk1.8.0_161'
```

(Change the JAVA path accordingly).

Note

The above command must be executed in the *\$FICHOME*.

3. Modify the listed files from JAVA8 to JAVA11.
4. Use the following command to change from JAVA8 to JAVA11.

```
grep -r -l 'OLDPATH/jdk1.8.0_161' . | sed "s/^\|\"|g" | sed "s/$\"|g" | xargs sed -i "s|OLDPATH/jdk1.8.0_161|NEWPATH/jdk-11.0.11|g"
```

(Change the JAVA path accordingly)

5. Update the JAVA8 path with JAVA11 in the *.profile*.
6. Re-create and re-deploy the OFSAA EAR/WAR file and Restart the OFSAA App Server and Web Server.

Configuring New JAVA11 Environments

To create new environment with JAVA11:

1. Configure and complete the installation of BD 8.1.2.0.0 with JAVA11.

Note

Do not bring up the environment until BD 8.1.2.9.0 is applied and configured.

2. Follow the steps described in [Pre-Installation Steps & How to Apply This Maintenance Level Release?](#) for applying BD 8.1.2.9.0.

A.1 Files Packed in This Patch

This chapter describes the files modified and files impacting database due to this Patch. It also provides additional information that supports the installation activity.

Topics:

- [Files Modified Due to This Patch](#)
- [Files Impacting Database](#)
- [Files Impacted by This Patch](#)

A.1.1 Files Modified Due to This Patch

This section lists the files modified due to this Patch.

The following files are modified due to this Patch:

CTR.jar
ojctrSolution.js
kycSolution.js
aai-ctr.js
aai-ctr.html
downloadMessageXml.sh
DownloadAckFromSDTM.sh
TransferEfileToSDTM.sh
tbaml_data_migration.sh
create_migschema_data_import.sh
OBIEEReports.jsp
ML-AnomATMBBCForeignTrans.116000054.xml
ML-AnticipateProfileIncome.116000090.xml
ML-HRTransHRGeography.115000049.xml
ML-RapidMvmtFundsAllActivity.116000080.xml
ML-StructuringAvoidReportThreshold.116000063.xml
ML-CashTransPossibleCTR.116000073.xml
ML-LargeReportableTrans.115400007.xml
ML-StructuringDepWDMixedMIs.118860016.xml
ML-HubAndSpoke.118860014.xml
ML-HubAndSpoke.118860005.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-LgDeprecAcctValue.115200003.xml
ML-RapidMvmtFundsAllActivity.116000079.xml
ML-TerroristFinancing.114000122.xml
ML-TerroristFinancing.114000123.xml
ML-AnomATMBBCForeignTrans.116000055.xml
ML-HRTransFocalHRE.114000060.xml
ML-CIBPreviousAverageActivity.116000083.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBPreviousPeakActivity.118860024.xml
ML-DepWDSameAmts.118860020.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-HRTransHRGeography.118860022.xml

ML-RoutingMultiLocations.118860012.xml
ML-DPGTotalActivity.114697019.xml
ML-AnticipateProfileSOF.116000059.xml
ML-EnWithMultId-fEN.115000004.xml
ML-HRTransFocalHRE.114000073.xml
ML-RoundAmounts.114590030.xml
ML-StoredValueCards.114000125.xml
ML-StoredValueCards.114000126.xml
ML-StructuringAvoidReportThreshold.116000062.xml
ML-CIBPreviousAverageActivity.116000084.xml
ML-DPGTotalActivity.115690004.xml
ML-PolicieswithRefunds-dNSR.114690107.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
AdminToolsHTMLComponentModel.xml
ML-CashTransPossibleCTR.116000037.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-CIBHRGActivity.116000087.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
TBML-AnticipatoryProfileExpectedGoodServices.118880002.xml
TBML-ChginCommPrice.118860008.xml
TBML-CIBCommodityShift.118860006.xml
TBML-CIBHighRiskCountryShift.118860011.xml
TBML-CIBRegionShift.118860007.xml
TBML-DPGCommodityPrice.118860009.xml
TBML-HighRiskGeographyParties.118860003.xml
TBML-InconsistentShipping.118860010.xml
TBML-SignfNumOfAmndmnts.118860002.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-AnomATMBCExcessiveWD.116000065.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-HRTransHRCounterParty.114000083.xml
ML-NetworksOfAcEn.114697025.xml
ML-AnomATMBBCStructuredCash.116000057.xml

Note

Take a backup of the files mentioned above as a precautionary measure; any customizations performed to these files must be re-applied.

A.1.2 Files Impacting Database

This section lists the files impacting the database.

The following files impact the database:

FCC_UI_MODULE_CONF.sql
PR_8.1.2.1.0_34012573.miner.sql
PR_8.1.2.3.30_36008428.business
CR_8.1.2.7.0_35363987.miner.sql
FCC_UI_MODULE_CONF_8121ML.sql
BD_FSDM.xml
P_FCC_JIT_SEC_MAP.sql
P_JIT_SYNCH_ADHOC_BATCH.sql
P_JIT_USER_DISABLE.sql
FN_JIT_SYNCH_ADHOC_BATCH.sql
FN_JIT_USER_DISABLE.sql
PLC_FN_JIT_SYNCH_ADHOC_BATCH.sql
PLC_FN_JIT_USER_DISABLE.sql
34332109_MESSAGES_EN_US.sql
34332109_FCC_UI_MODULE_CONF
PKG_KYC_ACTIONS.sql
PKG_KYC_ACTIONS_BODY.sql
PKG_PTC_MANUAL_OKYC_BODY.sql
PKG_PTC_MANUAL_OKYC.sql
LOAD_FCT_CUST_REVIEW_REASONS.sql
FN_POPULATE_PRCNG_KYC.sql
F_RA_TO_CASE_MNUL.sql
CUST_IP_SNAPHSOT.sql
34637484_APPLN_INSTALL_PARAMS.sql
APPLN_REREVIEW_PARAMS_8123.sql
MAP_EVAL_RISK_ASSMNT_MODEL_8123.sql
FN_POPULATE_IP_KYC.sql
MAP_EVAL_RISK_ASSMNT_MODEL_8124.sql
8125_FCC_UI_MODULE_CONF.sql
P_UPDATE_MPTC_DUEDT.sql
8126_FCC_UI_MODULE_CONF.sql
FCT_RA_RISK_DETAILS.sql
FCT_RA_RISK_REASONS.sql
FCT_RA_RISK_SUMMARY.sql
KDD_CASE_LINKS_MPTC_INS_HIST.sql
REV_BIHIER_KYC_SIMULATION.sql
F_VAL_RA_FOR_CASE.sql
P_SW_TESTING_SCENARIO_BODY.sql
35680852_KDD_INSTALL_PARAM.sql
35680852_KDD_KDD_CTR_ACTVY_TYPE_RVW_STATUS.sql
35680852_KDD_CTR_ROLE_ACTIVITY_TYPE.sql
35895028_AAI_MENU.sql
OJF_CTREncrypt.sql
CTR_OJET_MENU.sql
34637484_MESSAGES_EN_US.sql
35189486_CSSMS_START_PAGE_MASTER.sql
35624897_MESSAGES_EN_US.sql
35482609_MESSAGES_EN_US.sql
35624897_KDD_INSTALL_PARAM.sql
35624897_KDD_QUEUE_MASTER.sql
35252946_MESSAGES_EN_US.sql
OJF_CTR_CreateCTR.sql
OJF_CTR_CreateTrxnG.sql
OJF_CTR_Action.sql

OJF_CTR_AttchmntG.sql
OJF_CTR_AttchmntP.sql
OJF_CTR_Attchmnt_Add.sql
OJF_CTR_AuditG.sql
OJF_CTR_AuditP.sql
OJF_CTR_CommentG.sql
OJF_CTR_CommentP.sql
OJF_CTR_Comment_Add.sql
OJF_CTR_CrtDOEPEfileG.sql
OJF_CTR_CrtDOEPEfileP.sql
OJF_CTR_CrtEfileG.sql
OJF_CTR_CrtEfileP.sql
OJF_CTR_DEFL_Context.sql
OJF_CTR_DEFL_Details.sql
OJF_CTR_Det_Action.sql
OJF_CTR_DOEPAuditG.sql
OJF_CTR_DOEPAuditP.sql
OJF_CTR_DOEPEFile_CTR.sql
OJF_CTR_DOEPEFile_ErrG1.sql
OJF_CTR_DOEPEFile_ErrG2.sql
OJF_CTR_DOEPEFile_ErrP.sql
OJF_CTR_DOEPEFL_ListG.sql
OJF_CTR_DOEPEFL_ListP.sql
OJF_CTR_EFile_CTR.sql
OJF_CTR_EFile_ErrG1.sql
OJF_CTR_EFile_ErrG2.sql
OJF_CTR_EFile_ErrP.sql
OJF_CTR_EFL_Context.sql
OJF_CTR_EFL_Details.sql
OJF_CTR_EFL_ListG.sql
OJF_CTR_EFL_ListP.sql
OJF_CTR_EvidenceP.sql
OJF_CTR_GenDOEPEfile.sql
OJF_CTR_GenEfile.sql
OJF_CTR_Inc_CtrsG.sql
OJF_CTR_Inc_ExmG.sql
OJF_CTR_ListG.sql
OJF_CTR_ListP.sql
OJF_CTR_ReportContext.sql
OJF_CTR_ReportDetails.sql
OJF_CTR_Show_AtchmntG.sql
OJF_CTR_Show_AtchmntP.sql
OJF_CTR_View_AtchmntG.sql
OJF_CTR_View_AtchmntP.sql
OJF_MIT_AddRep.sql
OJF_MIT_AuditG.sql
OJF_MIT_DeleteComments.sql
OJF_MIT_EditRep.sql
OJF_MIT_ListG.sql
OJF_MIT_ListP.sql
OJF_CTR_DOEPEvidenceP.sql
OJF_CTR_DOEPAttchmntP.sql
OJF_CTR_DOEPCommentG.sql
OJF_CTR_DOEPAttchmntG.sql
OJF_CTR_AccountG.sql
OJF_CTR_AccountP.sql

OJF_CTR_CashInG.sql
OJF_CTR_CashInP.sql
OJF_CTR_CashOutG.sql
OJF_CTR_CashOutP.sql
OJF_CTR_CTRAuditP.sql
OJF_CTR_DOEPCCommentP.sql
OJF_CTR_EXE_ListG.sql
OJF_CTR_EXE_ListP.sql
OJF_CTR_FinCen_AknlP.sql
OJF_CTR_FinCen_Aknl_PrmG.sql
OJF_CTR_FinCen_Aknl_SecG.sql
OJF_CTR_Init_VaditP.sql
OJF_CTR_Init_Vadit_ErrG.sql
OJF_CTR_Init_Vadit_WrnG.sql
OJF_CTR_PerAddressG.sql
OJF_CTR_PerAddressP.sql
OJF_CTR_PerAddToCTRG.sql
OJF_CTR_PerAddToCTRP.sql
OJF_CTR_PersonsG.sql
OJF_CTR_PersonsP.sql
OJF_CTR_Persons_Dtls.sql
OJF_CTR_Person_TranG.sql
OJF_CTR_Person_TranP.sql
OJF_CTR_Per_AcctInG.sql
OJF_CTR_Per_AcctOutG.sql
OJF_CTR_Per_AcctP.sql
OJF_CTR_Per_Addr_Add.sql
OJF_CTR_Per_Addr_Edit.sql
OJF_CTR_Per_Inv_edit.sql
OJF_CTR_Per_Inv_ListB.sql
OJF_CTR_Per_Inv_ListE.sql
OJF_CTR_PI_Edit.sql
OJF_CTR_PmtFI_G.sql
OJF_CTR_PmtFI_P.sql
OJF_CTR_RepFinG.sql
OJF_CTR_RepFinP.sql
OJF_CTR_TransactionG.sql
OJF_CTR_TransactionP.sql
OJF_CTR_Trans_Summary.sql
OJF_CTR_Trxn_AddG.sql
OJF_CTR_Trxn_AddP.sql
OJF_CTR_Trxn_Edit.sql
OJF_CTR_Xsd_VaditG.sql
OJF_CTR_Xsd_VaditP.sql
OJF_CTR_EXE_Create
OJF_CTR_EXE_Tin_Cust
OJF_CTR_CustTIN_DET.sql
OJF_CTR_Cust_DET_P.sql
OJF_CTR_EXE_AccD.sql
OJF_CTR_EXE_AccG.sql
OJF_CTR_EXE_AccP.sql
OJF_CTR_EXE_Acctin.sql
OJF_CTR_EXE_Acctin_EX.sql
OJF_CTR_EXE_Act.sql
OJF_CTR_EXE_Action.sql
OJF_CTR_EXE_Context.sql

OJF_CTR_EXE_CustG.sql
OJF_CTR_EXE_CustP.sql
OJF_CTR_EXE_Cust_AcG.sql
OJF_CTR_EXE_Cust_AcP.sql
OJF_CTR_EXE_Cust_Adr_Add.sql
OJF_CTR_EXE_Cust_Edit.sql
OJF_CTR_EXE_Cust_Ph_Add.sql
OJF_CTR_EXE_Cu_Adr_Edit.sql
OJF_CTR_EXE_Cu_Eml_Add.sql
OJF_CTR_EXE_Cu_Eml_Edit.sql
OJF_CTR_EXE_Cu_Ph_Edit.sql
OJF_CTR_EXE_Details.sql
OJF_CTR_EXE_Info_AddG.sql
OJF_CTR_EXE_Info_EmlG.sql
OJF_CTR_EXE_Info_Phng.sql
OJF_CTR_EXE_Rel_CTRG.sql
OJF_CTR_EXE_Rel_CTRP.sql
OJF_CTR_EXE_TIN_CustG.sql
OJF_CTR_EXE_TransG.sql
OJF_CTR_EXE_TransP.sql
OJF_CTR_EXM_Acc_Dtl.sql
OJF_CTR_EXM_CONT_INFOP.sql
OJF_CTR_EXM_Cust_Dtl.sql
OJF_CTR_PmtFI_Edit.sql
OJF_CTR_RepFinDetails.sql
OJF_CTR_RepFinEdit.sql
OJF_CTR_RepFin_DTL.sql
OJF_CTR_RepFin_Edit.sql
OJF_CTR_EXE_CustCmtG.sql
OJF_CTR_EXE_CustCmtAdd.sql
OJF_CTR_EXE_CustAtcmntG.sql
OJF_CTR_EXE_CustAtcmntAdd.sql
OJF_CTR_EXE_CreateP.sql
OJF_CTR_EXE_CreateCustG.sql
OJF_CTR_EXE_AcctCustG.sql
OJF_CTR_EXE_CustAccG.sql
OJF_CTR_EXE_CreateAccG.sql
OJF_CTR_EXE_AccCmtG.sql
OJF_CTR_EXE_AccCmtAdd.sql
OJF_CTR_EXE_AccAtcmntG.sql
OJF_CTR_EXE_AccAtcmntAdd.sql
OJF_CTR_PICmtAdd.sql
OJF_CTR_PICmtG.sql
OJF_CTR_PIAcmntG.sql
OJF_CTR_PIAcmntAdd.sql
OJF_CTR_Eml_Act.sql
OJF_CTR_EFL_RejActn.sql
OJF_CTR_EFL_Action.sql
OJF_CTR_EFL_AckRcvd.sql
OJF_CTR_DOEPEvidenceP.sql
OJF_CTR_DOEPEFL_RejActn.sql
OJF_CTR_DOEPEFL_Action.sql
OJF_CTR_DOEPEFL_AckRcvd.sql
OJF_CTR_DOEPCommentG.sql
OJF_CTR_DOEPComment_Add.sql
OJF_CTR_DOEPAttchmntG.sql

OJF_CTR_DOEPatchmt_Add.sql
OJF_CTR_EFL_Actn.sql
OJF_CTR_DOEPEFL_Actn.sql
OJF_CTR_EFL_Actns.sql
OJF_CTR_DOEPEFL_Actns.sql
CTR_AAI_OJFF_MASKING_VIEW_MAPPING.sql
CTR_AAI_OJFF_MASKING_RULE_DETAILS.sql
CTR_AAI_OJFF_MASKING_ATTR_VAL_MAP.sql
CTR_AAI_OJFF_FUNCTION_MASKING_MAP.sql
CTR_AAI_OJFF_COMP_FUNC_CODE_MAP.sql
CTR_AAI_AOM_APP_COMP_ATTR_MAPPING_IR.sql
CTR_AAI_AOM_COMPONENT_INFO.sql
CTR_AAI_AOM_APP_INFO.sql
P_CTR_STP.sql
PKG_WORKFLOW.sql
PKG_WORKFLOW_BODY.sql
PKG_MITCTR.sql
PKG_MITCTR_BODY.sql
OJF_AlertListN.sql
OJF_Aml_Tab_Cu_Dt_Al.sql
OJF_Aml_Ad_Bot_Ml.sql
OJF_Aml_Ad_Ct1.sql
OJF_AM_Ad_MitTC.sql
OJF_AM_RelAlrt_HistP.sql
OJF_Aml_Lk_Ml_Bot.sql
OJF_Aml_Review_Act.sql
OJF_Aml_Lk_Eft_Det.sql
OJF_Aml_Lk_Mit_Det.sql
OJF_AM_Ad_OrdEvnt_FX1.sql
OJF_Aml_Ad_Ct.sql
OJF_Aml_Ad_Cu.sql
OJF_Aml_Ad_Svt.sql
OJF_AM_Ad_OrdEvnt.sql
812_Config.sql
8111_ATOMIC.sql
PKG_AMUIACTIONWORKFLOW.sql
PKG_AMUIACTIONWORKFLOW_BODY.sql
CR_8.1.2.8_36146973.miner.sql
CR_8.1.2.8_36495785.miner.sql

Menu-related Files:

OJFF_CONV_AAI_MENU_B.sql
OJFF_CONV_AAI_FF_FORMS_B.sql
OJFF_CONV_AAI_FF_FORMS_TL.sql
OJFF_CONV_AAI_FF_FORMS_CONTAINERS_B.sql
OJFF_CONV_AAI_FF_FORMS_CONTAINERS_TL.sql
OJFF_CONV_AAI_FF_FORM_CONTROLS_B.sql
OJFF_CONV_AAI_FF_FORM_CONTROLS_TL.sql
OJFF_CONV_AAI_FF_CONTROL_PROPERTIES.sql
OJFF_CONV_AAI_FF_CONTROL_PARAMS.sql
Horizontal_Menu_Remove_List.sql
34637484_CSSMS_GROUP_MAST.sql
34637484_CSSMS_GROUP_ROLE_MAP.sql
34637484_CSSMS_ROLE_FUNCTION_MAP.sql

34637484_CSSMS_ROLE_MAST.sql
34637484_CSSMS_USR_GROUP_DSN_SEG_MAP.sql
CSSMS_GROUP_MAST_PACK.sql
CSSMS_GROUP_ROLE_MAP_PACK.sql
CSSMS_ROLE_FUNCTION_MAP_PACK.sql
CSSMS_ROLE_MAST_PACK.sql
CSSMS_GRP_ROLE_MAP_UNAUTH_PACK.sql
34633835_ACCT_SNAPHSOT.sql
34633835_CUST_CUST_SNAPHSOT.sql
34633835_CUST_ID_DOC_SNAPHSOT.sql
34633835_CUST_IP_SNAPSHOT.sql
34827060_CUST_IP_SNAPSHOT.sql
34633835_CUST_SNAPSHOT.sql
34633835_FCT_TP_WLS_RESULTS_SNAPHSOT.sql
34633835_PARTY_ID_DOC_SNAPHSOT.sql
34633835_PARTY_PARTY_RLSHP_SNAPHSOT.sql
F_RA_TO_CASE_MNUL.sql
F_CUST_RA_HISTORY_MNUL.sql
34637484_ALTER_CUST_SNAPSHOT.sql
FCT_CUST_RA_HISTRY_INDX.sql
/Atomic_Schema/Functions/FN_POPULATE_PRCNSG_KYC.sql
/Config_Schema/DT/FN_POPULATE_PRCNSG_KYC.sql
AAI_DMT_DEFINITION_34637484
34637484_AAI_DMT_MAPPING_DETAILS.sql
34637484_AAI_DMT_DEF_SOURCE_ENTITY.sql
Remove_Backup_Tables_34913083.sql
F_PROCESS_RISK_DETAILS.sql
FCC_KYC_MODEL_SIMULATION_SEQ.sql
RTI_ASSMNT_RESULT_INDX.sql
KYC_APP_ID_SIMULATION_SEQ.sql
OVERLAYS.sql
34637484_ALTER_CUST_IP_SNAPSHOT.sql
KYC_Batch_Performance.sql
EXCEL_MAPPING_MASTER.sql
/OB/FCC_TPG_TABLE_JSON_MAPPING_CS_BULK.sql
/OB/FCC_TPG_TABLE_JSON_QUERY_CS_BULK.sql
/OB/FCC_TPG_TABLE_JSON_QUERY_PARAM_CS_BULK.sql
/OB/FCC_TPG_TABLE_JSON_MAPPING_EDQ_BULK.sql
/OB/FCC_TPG_TABLE_JSON_QUERY_EDQ_BULK.sql
/OB/FCC_TPG_TABLE_JSON_QUERY_PARAM_EDQ_BULK.sql
/OB/FCC_OB_SETUP_PARAMS_SERVICES_8128.sql
34913083_AAI_MENU_B.sql
34913083_AAI_MENU_TL.sql
34913083_AAI_MENU_TREE.sql
34913083_MENU_ITEMS.sql
34913083_AAI_FF_FORMS_B.sql
34913083_AAI_FF_FORMS_TL.sql
34913083_AAI_FF_FORMS_CONTAINERS_B.sql
34913083_AAI_FF_FORMS_CONTAINERS_TL.sql
34913083_AAI_FF_FORM_CONTROLS_B.sql
34913083_AAI_FF_FORM_CONTROLS_TL.sql
34913083_AAI_FF_CONTROL_PROPERTIES.sql
34913083_AAI_FF_CONTROL_PARAMS.sql

PMF Scripts:

OB/AAI_WF_ACTIVITY_B_34637484.sql
OB/AAI_WF_ACTIVITY_TL_34637484.sql
OB/AAI_WF_APPLICATION_API_B_34637484.sql
OB/AAI_WF_APPLICATION_API_TL_34637484.sql
OB/AAI_WF_TRANSITION_B.sql
OB/AAI_WF_TRANSITION_TL.sql

Simulation Parallel Batch Scripts

DM_Populate_Acct_Prcng_8126.sql
DM_Populate_Cust_Acct_Prcng_8126.sql
DM_Populate_Cust_Addr_Prcng_8126.sql
DM_Populate_Cust_Cntry_Prcng_8126.sql
DM_Populate_Cust_Id_Doc_Prcng_8126.sql
DM_Populate_Cust_Mkt_Served_Prcng_8126.sql
DM_Populate_Cust_Phon_Prcng_8126.sql
DM_Populate_Cust_Prod_Prcng_8126.sql
DM_Populate_Cust_Prcng_8126.sql
DM_Populate_Cust_to_Cust_Prcng_8126.sql
DM_Populate_Customer_Reasn_Prcng_8126.sql
DM_t2t_FCT_CUST_RA_HISTRY_8126.sql
DM_t2t_FCT_CUST_RVWDTLS_8126.sql
DM_t2t_FCT_RA_RISK_RATING_HISTORY_8126.sql
DM_t2t_FCT_TP_WLS_REQUESTS_8126.sql
DM_t2t_FCT_TP_WLS_REQUESTS_PRCNG_8126.sql
DM_t2t_FCT_TP_WLS_RESULTS_8126.sql
DM_t2t_FCT_TP_WLS_RESULTS_PRCNG.sql
DM_t2t_PARTY_ADDRESS_PRCNG_BO_EXT_8126.sql
DM_t2t_PARTY_ADDRESS_PRCNG_BO_INT_8126.sql
DM_t2t_PARTY_ADDRESS_PRCNG_IP_8126.sql
DM_t2t_PARTY_DETAILS_PRCNG_BO_EXT_8126.sql
DM_t2t_PARTY_DETAILS_PRCNG_BO_INT_8126.sql
DM_t2t_PARTY_DETAILS_PRCNG_IP_8126.sql
DM_t2t_PARTY_ID_DOC_PRCNG_BO_EXT_8126.sql
DM_t2t_PARTY_ID_DOC_PRCNG_BO_INT_8126.sql
DM_t2t_PARTY_ID_DOC_PRCNG_IP_8126.sql
DM_t2t_PARTY_PARTY_RLSHP_PRCNG_BO_8126.sql
DM_t2t_POPULATE_FCT_RA_8126.sql
DM_t2t_POPULATE_FCT_RA_RISK_DETAILS_8126.sql
DM_t2t_POPULATE_FCT_RA_RISK_REASONS_8126.sql
DM_t2t_POPULATE_FCT_RA_RISK_SUMMARY_8126.sql
PLC_F_CLOSURE_UPDATES_8126.sql
PLC_F_NEW_ACCT_RAS_8126.sql
PLC_LOAD_FCT_CUST_REVIEW_REASONS_8126.sql
PLC_POPULATE_CUST_PROCESSING_IP_8126.sql
PLC_POPULATE_IP_KYC_8126.sql
PLC_POPULATE_PRCNG_KYC_8126.sql
PLC_TRUNCATE_PRCNG_RUN_KYC_8126.sql
PLC_UPDATE_WLS_STATUS_8126.sql
PLC_BD_POPULATE_LAST_RUN_BATCH_8126.sql
PLC_F_TRUNC_RTI_ASSMNT_TABLES_8126.sql
PLC_KYC_PURGE_LAST_RUN_TAB_8126.sql
KYC_PURGE_LAST_RUN_TAB_DI_8126.sql

POPULATE_IP_KYC_DI_8126.sql
t2t_FCT_RA_RISK_DETAILS_DI_8126.sql
t2t_POPULATE_FCT_RA_RISK_REASONS_DI_8126.sql
t2t_POPULATE_FCT_RA_RISK_SUMMARY_DI_8126.sql
UPDATE_WLS_STATUS_DI_8126.sql
Update_DI_Tasks_8126.sql
PLC_PopulateCustForAccReReview.sql
PLC_UpdProcessedAccReReviewCust.sql
FN_POPULATE_IP_KYC_8126.sql
LOAD_FCT_CUST_REVIEW_REASONS_8126.sql
FN_POPULATE_PRCNG_KYC_8126.sql
FN_TRUNCATE_PRCNG_RUN_KYC_8126.sql
F_CLOSURE_UPDATES_8126.sql
F_NEW_ACCT_RAS_8126.sql
FN_POPULATE_CUST_PROCESSING_IP_8126.sql
FN_UPDATE_WLS_STATUS_8126.sql
F_EXTRACTPARAM.sql
FN_IPE_LAST_BATCH_RUN_8126.sql
FN_PURGE_IPE_LAST_BATCH_RUN_8126.sql
F_TRUNC_RTI_ASSMNT_TABLES_8126.sql
FN_POPULATE_IP_KYC_DI_8126.sql
FN_POPULATE_PRCNG_KYC_DI_8126.sql
FN_PURGE_IPE_LAST_BATCH_RUN_DI_8126.sql
FN_UPDATE_WLS_STATUS_DI_8126.sql
FN_POPULATE_CUST_PROCESSING_IP_DI.sql
POPULATE_ASSMNT_MODE_TABLES.sql
PLC_GathrStats_PRCNG_TABLES.sql
F_GATHER_STATS_DLY_BATCH.sql
FN_TRUNCATE_PRCNG_RUN_KYC_8126.sql
FCC_KYC_WSPACE_META_OBJECTS.sql
PLC_FN_SIM_VERIFY_TABLES_8126.sql
FN_SIM_VERIFY_TABLES.sql
VW_KYC_SIM_AGGREGATE_REPORT.sql
VW_KYC_SIM_DETAILED_REPORT.sql
DROP_TABLE_SUBPARTITION_DLY_8126.sql
F_CHG_LOG_CAPTURE_8126.sql
F_IPE_CRT_PARTITION_DLY_8126.sql
KDD_CODE_SET_TRNLN_36425526.sql
35975902_Config.sql
APPLN_PARAMS_36347060.sql
F_INS_ACC_RVW_CUST.sql
F_UPDT_ACC_RVW_CUST.sql
F_ACC_RULE_VALUE_DISP.sql

Note

Take a backup of the files mentioned above as a precautionary measure; any customizations performed to these files must be re-applied.

A.1.3 Files Impacted by This Patch

This section lists the files impacted by this patch.

The following is the list of files which impact ficweb due to this patch:

- HTML
- JS Files
- JSP Files
- CSS Files
- Images
- Fonts
- Datamodel
- JAR Files
- Database Script Files
- SH Files
- DAT Files
- XML Files
- Datamap Files
- Queries (Ingestion)
- KYC Lookup tables
- Infodom Files
- Build-related Files
- BD Algorithm-related Files
- Real Time Fraud Files

HTML

The following are the HTML files are impacted:

kyc_onboarding/js/views/algorithmBasedView.html
kyc_onboarding/js/views/ConfigureServiceParameters.html
kyc_onboarding/js/views/ConfigureTPGServiceParameters.html
kyc_onboarding/js/views/fccGrid.html
kyc_onboarding/js/views/fccGridDialog.html
kyc_onboarding/js/views/fccGridMessagePopup.html
kyc_onboarding/js/views/kycOnboardingAssessmentSummary.html
kyc_onboarding/js/views/kycOnboardingAssessmentSummarySearch.html
kyc_onboarding/js/views/KYCRelationshipType_AssmntMode.html
kyc_onboarding/js/views/mapEvaluationView.html
kyc_onboarding/js/views/mapSourceDestination.html
kyc_onboarding/js/views/riskAssessmentBasedView.html
kyc_onboarding/js/views/RiskAssessmentCategory.html
kyc_onboarding/js/views/riskScoreDefinition.html
kyc_onboarding/js/views/kycCustomerBasicInfo.html
kyc_onboarding/js/views/kycCustomerEntity.html
kyc_onboarding/js/views/obInputJSON.html
kyc_onboarding/js/views/kycAssessmentContext.html
kyc_onboarding/js/views/kycRiskScoreRBAAndMBGuage.html
kyc_onboarding/js/views/kycObRiskScoreView.html
kyc_onboarding/js/views/kycCustScoreTabular.html
kyc_onboarding/js/views/kycCustFilmStrip.html

kyc/js/views/ECM_KYC_AccReviewRules.html
kyc/js/views/ECM_KYC_ApplnParams.html
kyc/js/views/ECM_KYC_ManageInstall.html
kyc/js/views/ECM_KYC_RuleBased.html
kyc/js/views/ECM_KYC_RiskValue.html
kyc/js/views/KYC_Map_Eval.html
kyc/js/views/ECM_KYC_RiskCategory.html
kyc/js/views/ECM_KYC_AccountCustRole.html
kyc/js/views/ECM_KYC_ModelBased.html
kyc/js/views/ECM_KYC_RAORCategory.html
kyc/js/views/fccGrid.html
kyc/js/views/fccGridDialog.html
kyc/js/views/fccGridMessagePopup.html
kyc/js/views/gridView.html
kyc/js/views/CMG_KYC_RA_SearchNList.html
kyc/js/views/KYCRelationshipType_AssmntMode.html

JS Files

The following are the JS files impacted:

kyc_onboarding/js/viewModels/fccGrid.js
kyc_onboarding/js/viewModels/fccGridDialog.js
kyc_onboarding/js/viewModels/fccGridMessagePopup.js
kyc_onboarding/js/viewModels/riskScoreDefinition.js
kyc_onboarding/js/viewModels/riskAssessmentBasedView.js
kyc_onboarding/js/viewModels/kycOnboardingAssessmentSummarySearch.js
kyc_onboarding/js/viewModels/ConfigureServiceParameters.js
kyc_onboarding/js/viewModels/ConfigureTPGServiceParameters.js
kyc_onboarding/js/viewModels/KYCRelationshipType_AssmntMode.js
kyc_onboarding/js/viewModels/RiskAssessmentCategory.js
kyc_onboarding/js/viewModels/algorithmBasedView.js
kyc_onboarding/js/viewModels/kycOnboardingAssessmentSummary.js
kyc_onboarding/js/viewModels/mapEvaluationView.js
kyc_onboarding/js/viewModels/mapSourceDestination.js
kyc_onboarding/js/viewModels/riskScoreDefinition.js
kyc_onboarding/js/main.js
kyc_onboarding/js/main_OBUI.js
kyc_onboarding/js/libs/jquery/*
kyc_onboarding/js/libs/underscore/*
kyc_onboarding/js/libs/require/*
kyc/js/main.js
kyc/js/viewModels/ECM_KYC_AccReviewRules.js
kyc/js/viewModels/ECM_KYC_ApplnParams.js
kyc/js/viewModels/ECM_KYC_ManageInstall.js
kyc/js/viewModels/ECM_KYC_RuleBased.js
kyc/js/viewModels/ECM_KYC_RiskValue.js
kyc/js/viewModels/KYC_Map_Eval.js
kyc/js/viewModels/ECM_KYC_RiskCategory.js
kyc/js/viewModels/ECM_KYC_AccountCustRole.js
kyc/js/viewModels/ECM_KYC_ModelBased.js
kyc/js/viewModels/ECM_KYC_RAORCategory.js
kyc/js/viewModels/fccGrid.js
kyc/js/viewModels/fccGridDialog.js
kyc/js/viewModels/fccGridMessagePopup.js
kyc/js/viewModels/gridView.js

kyc/js/viewModels/CMG_KYC_RA_SearchNList.js
kyc/js/viewModels/KYCRelationshipType_AssmntMode.js
kyc/js/appCommon/appSolution.js
kyc/js/libs/knockout-postbox/knockout-postbox.js
kyc/js/libs/knockout-postbox/knockout-postbox.min.js
\$FIC_HOME/ficweb/webroot/RealTimeFraud/js/main.js
\$FIC_HOME/ficweb/webroot/RealTimeFraud/js/RTFraudAdmin.js
\$FIC_HOME/ficweb/webroot/RealTimeFraud/js/RTFCardAdmin.js
\$FIC_HOME/ficweb/webroot/RealTimeFraud/js/RTFraud.js
\$FIC_HOME/ficweb/webroot/RealTimeFraud/js/RTFraudCard.js

JSP Files

The following are the JSP files impacted:

kyc_onboarding/ConfigureServiceParameters.jsp
kyc_onboarding/ConfigureTPGServiceParameters.jsp
kyc_onboarding/KYCAlgorithmBasedView.jsp
kyc_onboarding/KYCRelationshipType_AssmntMode.jsp
kyc_onboarding/KYCRiskBasedView.jsp
kyc_onboarding/KYCRiskScoreDefinition.jsp
kyc_onboarding/KYCMAPEvaluation.jsp
kyc_onboarding/KYCMAPSourceDestination.jsp
kyc_onboarding/RiskAssessmentCategory.jsp
kyc_onboarding/KYC_OnBoarding.jsp
kyc_onboarding/KYCOBMessageConstants.jsp
kyc/ECM_KYC_AccReviewRules.jsp
kyc/ECM_KYC_AppInParams.jsp
kyc/ECM_KYC_ManageInstall.jsp
kyc/ECM_KYC_RuleBased.jsp
kyc/KYCMMessageConstants.jsp
kyc/KYCMMessageConstantsUI.jsp
kyc/ECM_KYC_RiskValue.jsp
kyc/KYC_Map_Eval.jsp
kyc/ECM_KYC_RiskCategory.jsp
kyc/ECM_KYC_ModelBased.jsp
kyc/ECM_KYC_RiskCategory.jsp
kyc/ECM_KYC_AccountCustRole.jsp
kyc/ECM_KYC_RAORCategory.jsp
kyc/CMG_KYC_RA_SearchNList.jsp
adminToolsRenderer.jsp
alertscores_scores_edit.jsp
alert_assigner_incl_addexception.jsp
kyc/KYCRelationshipType_AssmntMode.jsp
kyc/index.sim.jsp
kyc/IPE_index.jsp

CSS Files

The following are the CSS files impacted:

kyc_onboarding/css/newwave.css
kyc_onboarding/css/newwave_global.css
kyc_onboarding/css/newwave_kyc.css
kyc_onboarding/css/fonts/ojuxiconFont_Rg.woff

kyc_onboarding/css/fonts/ojuxiconFont_Rg.ttf
kyc_onboarding/css/fonts/ojuxiconFont_Rg.svg
kyc_onboarding/css/fonts/ojuxiconFont_Rg.eot
kyc_onboarding/css/images/progress_bar_alta_onpremise.gif
kyc/css/kycob-min.css
kyc/css/newwave.css
kyc/css/newwave_global.css
kyc/css/newwave_kyc.css
kyc/css/override.css
kyc/css/iconclass.css
ojff/OFS_KYC.css
ojff/OFS_KYC_newwave.css

Images

The following are the image files impacted:

avatar_24px.png
avatar_24px_2x.png
bank-icon-color.png
favicon.ico
helpIconBlack.png
minus.png
multicombo.png
oracle_logo.svg
plus.png
progress_bar_alta.gif
standing-user-icon-color.png

Fonts

The following are the fonts impacted:

AAI_iconfont.woff
AaiFont.ttf
AaiFont.woff
App_iconfont.woff
FontAwesome.otf
fontawesome-webfont.eot
fontawesome-webfont.ttf
fontawesome-webfont.woff
fontawesome-webfont.woff2
iconclass.css
IM2.svg
IM2.ttf
IM2.woff
JetFW_iconfont.eot
JetFW_iconfont.ttf
JetFW_iconfont.woff
override.css
override.css.map

Datamodel

The following are the datamodel files impacted:

BD_FSDM.xml
KYC_DataModel.xml
BD_EXTN.xml

JAR Files

The following are the Jar files impacted:

alert_mgmt.jar
commons-codec-1.16.1.jar
commons-compress-1.26.1.jar
commons-fileupload-1.5.jar
commons-logging-1.3.1.jar
curvesapi-1.08.jar
tp_dataload.jar
kyc.jar
log4j-api-2.23.1.jar
log4j-core-2.23.1.jar
log4j-web-2.23.1.jar
spring-aop-5.3.39.2.jar
spring-aspects-5.3.39.2.jar
spring-beans-5.3.39.2.jar
spring-context-5.3.39.2.jar
spring-context-support-5.3.39.2.jar
spring-core-5.3.39.2.jar
spring-expression-5.3.39.2.jar
spring-integration-kafka-5.5.13.jar
spring-jdbc-5.3.39.2.jar
spring-jms-5.3.39.2.jar
spring-messaging-5.3.39.2.jar
spring-oxm-5.3.39.2.jar
spring-tx-5.3.39.2.jar
spring-web-5.3.39.2.jar
spring-webmvc-5.3.39.2.jar
jackson-annotations-2.18.2.jar
jackson-core-2.18.2.jar
jackson-databind-2.18.2.jar
jackson-jaxrs-base-2.18.2.jar
jackson-jaxrs-json-provider-2.18.2.jar
jackson-module-jaxb-annotations-2.18.2.jar
slf4j-api-2.0.13.jar
xerces.jar
kycOnboarding.jar
common.jar
datamap.jar
actionframework.jar
admintools.jar
kddcore.jar
serializer-2.10.0.jar
activation-1.1.1.jar
createCaseInput.jar

OFSSWatchList.jar
OnboardingServiceUI.jar
InitiateOnboarding.jar
guava-32.1.2.jar
TabletoJSON.jar

Database Script Files

The following are the Database Script files impacted:

delta_plat8.1.2.1.0.cfg
delta_plat8.1.2.8.0.cfg
delta_plat8.1.2.9.0.cfg
CR_8.1.2.9_37025880.business.sql
CR_8.1.2.1.0_33981210.mantas.sql
mantas8.1.2.1.0_delta.cfg
mantas8.1.2.9.0_delta.cfg
CR_8.1.2.9.0_37025880.mantas.sql
CR_8.1.2.1.0_34047483.business.sql
CR_8.1.2.2.0_bitmap_index.sql
CR_8.1.2.3.0_34745349.business.sql
CR_8.1.2.3.0_34803629.mantas.sql
PR_8.1.2.7.0_35943727.mantas.sql
CR_8.1.2.7.0_36158550.business.sql
CR_MIGRATION_TABLES_8128.sql
CR_PKG_TBAML_MIGRATION.sql
KYC/33981210_MESSAGES_EN_US.sql
KYC/34107704_CUST_SNAPSHOT.sql
KYC/34107704_FCC_TPG_CUST.sql
KYC/MESSAGES_EN_US_8124.sql
KYC/AAI_DMT_DEFINITION_8124_34913083.sql
KYC/AAI_DMT_DEFINITION_8126.sql
KYC/APPLN_LOGS_MSGS_ALTER.sql
KYC/KYC_CASE_CUST_MNUL_INDX.sql

SH Files

The following are the SH files impacted:

execute.sh
run_hdc.ksh
run_hdcTBAML.ksh
tp_configurator.sh
tp_dataload.sh
alsup_configurator.sh
alsup_dataload.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8121ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8122ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8123ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8124ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8125ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8126ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8127ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8128ML.sh
\$FIC_HOME/BD_Duplicate_Jar_Removal_8129ML.sh

\$FIC_HOME/OFS_BD_8.1.2.9.0_installer.sh
\$FIC_HOME/ficdb/bin/WLS_FuzzyMatch.sh

DAT Files

message.dat is the only file impacted.

XML Files

The following are the XML files impacted:

tpconfig.xml
OFS_KYC_RTIEExport_AcceleratedRereview_WithAomalyDetectionML.xml
AdminToolsHTMLComponentModel.xml
HDC_DataBagsTBAML.xml
KeysByTableNameTBAML.xml

Datamap Files

The following are the Datamap files impacted:

Customer.xml
Account.xml
AccountAddress.xml
AccountPhone.xml
AccountEmailAddress.xml
FrontOfficeTransaction.xml
FrontOfficeTransactionParty.xml
FrontOfficeTransactionParty_HoldingInstnSeqID.xml
WireTransaction_FrontOfficeTransaction.xml
SettlementInstruction.xml
DerivedAddress_FrontOfficeTransactioPartyStageUpd.xml
DerivedAddress_FrontOfficeTransactioPartyStageInsert.xml
AccountToCustomer.xml
PartytoPartyRelationship.xml
ExternalEntityProfile.xml
CustomerAddress.xml
CashTransaction_FrontOfficeTransaction.xml
DerivedAddress_ExternalOrganizationStageInsert.xml
DerivedAddress_ExternalOrganizationStageUpd.xml
DerivedEntity_ExtrlOrgInsert.xml
DerivedEntity_ExtrlOrgUpd.xml
ExternalParty.xml
ExternalPartyAddress.xml
ExternalPartyAddress_DerivedAddress.xml
ExternalPartyStage.xml
ExternalParty_DerivedAddress.xml
ExternalParty_ExternalEntitySeqUpd.xml
LinkStaging_ExtrlOrg.xml
AccountToCustomer.xml
AccountPeerGroupMonthlyTransactionProfile.xml
CorrespondentBankPeerGroupTransactionProfile.xml
AccountDailyProfile-Transaction.xml
AccountProfile_Transaction.xml
CorrespondentBankProfile.xml
AnticipatoryProfile.xml

CustomerPhone.xml
Customer_KYCRiskUpd.xml
LoanProfile_LoanProfileStage.xml
LoanDailyActivity.xml
CorrespondentBankListMembership_WatchListStage2Upd.xml
ChangeLog_AcctProfileInactivity.xml
Account_EffRiskUpdAfterWLRiskRemoval.xml
DerivedEntity_WatchListStage2EffectiveRisk.xml
DerivedEntityListMembership_WatchListStage2Upd.xml
FinancialInstitution_FOTPSPopulation.xml
WatchListStagingTable2_WatchListStage2CBExistence.xml
Account_AccountCustRiskUpd.xml
Account_EffectiveRiskFactorTxtUpd.xml
Account_EffRiskUpdAfterWLRiskRemoval.xml
Account_OverallEffectiveRiskUpd.xml
Account_WatchListStage2EffectiveRisk.xml
FinancialInstitution_AIIMSPopulation.xml
FinancialInstitution_AnticipatoryProfile.xml
FinancialInstitution_BrokerageDistribution.xml
FinancialInstitution_FOTPSPopulation.xml
FinancialInstitution_InstNameUpd.xml
FinancialInstitution_InsuranceTransaction.xml
FinancialInstitution_SettlementInstruction.xml
FinancialInstitution_ThomsonDataInstitutionInsert.xml
FinancialInstitution_TradeFinanceParty.xml
YearEndBalanceUpd.xml

Queries (Ingestion)

The following are the list of Ingestion Queries impacted:

CustomerIdentificationDocument.STG_CUSTOMER_IDENTIFCTN_DOC.sql
FrontOfficeTransaction.STG_TRUSTS_TXNS.sql
FrontOfficeTransaction.STG_TRADING_ACCOUNT_TXNS.sql
FrontOfficeTransaction.STG_TERMDEPOSITS_TXNS.sql
FrontOfficeTransaction.STG_SWAP_ACCOUNT_TXNS.sql
FrontOfficeTransaction.STG_RETIREMENT_ACCOUNTS_TXNS.sql
FrontOfficeTransaction.STG_REPO_TRANSACTIONS.sql
FrontOfficeTransaction.STG_OD_ACCOUNTS_TXNS.sql
FrontOfficeTransaction.STG_MM_TXNS.sql
FrontOfficeTransaction.STG_MERCHANT_CARDS_TXNS.sql
FrontOfficeTransaction.STG_LOAN_CONTRACT_TXNS.sql
FrontOfficeTransaction.STG_LEASES_TXNS.sql
FrontOfficeTransaction.STG_CORRESPONDENT_ACCT_TXNS.sql
FrontOfficeTransaction.STG_CASA_TXNS.sql
FrontOfficeTransaction.STG_ANNUITY_TXNS.sql
BackOfficeTransaction.STG_TRUSTS_TXNS.sql
BackOfficeTransaction.STG_TRADING_ACCOUNT_TXNS.sql
BackOfficeTransaction.STG_TERMDEPOSITS_TXNS.sql
BackOfficeTransaction.STG_SWAP_ACCOUNT_TXNS.sql
BackOfficeTransaction.STG_RETIREMENT_ACCOUNTS_TXNS.sql
BackOfficeTransaction.STG_REPO_TRANSACTIONS.sql
BackOfficeTransaction.STG_OD_ACCOUNTS_TXNS.sql
BackOfficeTransaction.STG_MM_TXNS.sql
BackOfficeTransaction.STG_MERCHANT_CARDS_TXNS.sql
BackOfficeTransaction.STG_LOAN_CONTRACT_TXNS.sql

BackOfficeTransaction.STG_LEASES_TXNS.sql
BackOfficeTransaction.STG_CORRESPONDENT_ACCT_TXNS.sql
BackOfficeTransaction.STG_CASA_TXNS.sql
BackOfficeTransaction.STG_ANNUITY_TXNS.sql
AnticipatoryProfile.STG_CUST_ANTICIPATORY_PROFILE.sql
AnticipatoryProfile.STG_ACCT_ANTICIPATORY_PROFILE.sql
Customer.STG_PARTY_MASTER.sql
Account.STG_ANNUITY_CONTRACTS.sql
Account.STG_CARDS.sql
Account.STG_CASA.sql
Account.STG_CORRESPONDENT_ACCOUNT.sql
Account.STG_LEASES_CONTRACTS.sql
Account.STG_LOAN_CONTRACTS.sql
Account.STG_MERCHANT_CARDS.sql
Account.STG_MM_CONTRACTS.sql
Account.STG_OD_ACCOUNTS.sql
Account.STG_REPO_CONTRACTS.sql
Account.STG_RETIREMENT_ACCOUNTS.sql
Account.STG_SWAPS_CONTRACTS.sql
Account.STG_TD_CONTRACTS.sql
Account.STG_TRADING_ACCOUNT.sql
Account.STG_TRUSTS.sql
Loan.STG_CARDS.sql
TradeExecution.sql
TradeExecutionStage.STG_TRADE_EXECUTION.sql
CustomerIdentificationDocument.STG_CUSTOMER_IDENTIFCTN_DOC.sql
PartytoPartyRelationship.STG_PARTY_PARTY_RELATIONSHIP.sql
ExternalPartyStage.STG_PARTY_MASTER.sql
AccountToCustomer.STG_PARTY_ACCOUNT_ROLE_MAP.sql
Security.STG_INSTRUMENT_CONTRACT_MASTER.sql
CurrencyTransaction.STG_ANNUITY_TXNS.sql
CurrencyTransaction.STG_CARDS_PAYMENT_TXNS.sql
CurrencyTransaction.STG_CASA_TXNS.sql
CurrencyTransaction.STG_LOAN_CONTRACT_TXNS.sql
CurrencyTransaction.STG_RETIREMENT_ACCOUNTS_TXNS.sql
CurrencyTransaction.STG_SWAP_ACCOUNT_TXNS.sql
CurrencyTransaction.STG_TERMDEPOSITS_TXNS.sql
CurrencyTransaction.STG_TRADING_ACCOUNT_TXNS.sql
CustomerPhone.STG_PARTY_PHONE_MAP.sql
AccountPhone.STG_ACCOUNT_PHONE_MAP.sqlCountryTradeList.STG_COUNTRY_TRADE_MAP.sql
DocCollectionContractAcknowledgementStage.STG_DOC_COLLCTN_CNTRCT_ACK.sql
DocumentaryCollectionContractAcceptanceStage.STG_DOC_COLLCTN_CNTRCT_ACC.sql
DocumentaryCollectionContractEvent.STG_DOC_COLLCTN_CNTRCT_EVENT.sql
DocumentaryCollectionDiscrepancyDetail.STG_DOC_COLLCTN_DISCPNT_DTL.sql
GoodsorService.STG_TRADE_FIN_GOODS_MASTER.sql
TradeFinanceContractAmendmentStatusStage.STG_TRD_FIN_CNTRCT_AMD_STATUS.sql
TradeFinanceContractEvent.STG_TRADE_FIN_CNTRCT_EVENT.sql
TradeFinanceContractEventAcknowledgementStage.STG_TRD_FIN_CNTRCT_EVENT_ACK.sql
TradeFinanceDocument.STG_TRADE_FINANCE_DOCUMENT.sql
TradeFinanceGoodorService.STG_TRADE_FINANCE_GOODS.sql
TradeFinanceParty.STG_TRADE_FINANCE_PARTY_EVENT.sql
TradeFinancetoAccount.STG_TRADE_FINANCE_ACCT.sql

KYC Lookup Tables

The following are the list of Excel files at FTPSHARE -- STAGE -- ExcelUpload -- KYCLookupTables ---> EXCEL:

HIST_APPLN_RB_PROCESSING.xls
HIST_APPLN_REREVIEW_PARAMS.xls
HIST_APPLN_RISK_RATING_PARAMS.xls
HIST_DIM_RISK_CATEGORY.xls
HIST_DIM_ACCT_CUST_ROLE_TYPE.xls
HIST_DIM_RAORRISK_CATEGORY.xls
HIST_PARAM_RISK_SCORE_JRSDN.xls
FCC_OB_RISK_PRMS_CODE_SCRE_MAP.xls
FCC_OB_RISK_PRMS_CODE_VAL_MAP.xls
FCC_OB_RSKPRMS_CODEVAL_MAP_ST.xls
APPLN_PARAMS.xls
HIST_APPLN_INSTALL_PARAMS.xls
HIST_APPLN_PARAMS.xls

Infodom Files

The following are the list of XML files at FTPSHARE -- STAGE -- ExcelUpload -- INFODOM ---> XML:

HIST_APPLN_RB_PROCESSING.xml
HIST_APPLN_REREVIEW_PARAMS.xml
HIST_APPLN_RISK_RATING_PARAMS.xml
HIST_DIM_RISK_CATEGORY.xml
HIST_DIM_ACCT_CUST_ROLE_TYPE.xml
HIST_DIM_RAORRISK_CATEGORY.xml
HIST_PARAM_RISK_SCORE_JRSDN.xml
FCC_OB_RISK_PRMS_CODE_SCRE_MAP.xml
FCC_OB_RISK_PRMS_CODE_VAL_MAP.xml
FCC_OB_RSKPRMS_CODEVAL_MAP_ST.xml
HIST_APPLN_INSTALL_PARAMS.xml
HIST_APPLN_PARAMS.xml

Build-related Files

The following are the list of Build-related files impacted:

DB_Install.xml
INSERT_INFODOM_PATCHES.sql

Note

The following files are required for the patch utility to work:

```
merge_wsdd.xml
merge_Persistence.xml
merge_web.xml
merge_Menu.xml
```

BD Algorithm-related Files

The following are the list of BD Algorithm-related files impacted:

```
{FCCM_HOME}/behavior_detection/algorithms/lib
{FCCM_HOME}/behavior_detection/algorithms/bin
{FCCM_HOME}/behavior_detection/algorithms/MTS/bin
```

Note

Take a backup of above algorithms lib and bin folders.

Real Time Fraud Files

The following are the list of Real Time Fraud files impacted:

```
$FIC_HOME/RTFWireFraudIPEProcessing
$FIC_HOME/RTFCardFraudIPEProcessing
$FIC_HOME/RealTimeFraudCommonScripts
$FIC_HOME/ficweb/webroot/RealTimeFraud folder
$FIC_HOME/ficweb/webroot/WEB-INF/lib/RealTimeFraudWire.jar
$FIC_HOME/ficweb/webroot/WEB-INF/lib/RealTimeFraudCommon.jar
$FIC_HOME/ficweb/webroot/WEB-INF/lib/RealTimeFraudCard.jar
```

A.2 OFS BD Version Compatibility List

This appendix describes the OFS BD version compatibility list.

Table 3 OFS BD Version Compatibility List

OFS BD Version	OFSAAI Version	FSDf Version	OFS ECM Version
8.1.2.9	8.1.2.5	8.1.2.7	8.1.2.9
8.1.2.8	8.1.2.4	8.1.2.6	8.1.2.8
8.1.2.7	8.1.2.4	8.1.2.4	8.1.2.7
8.1.2.6	8.1.2.3	8.1.2.4	8.1.2.6
8.1.2.5	8.1.2.3	8.1.2.3	8.1.2.5
8.1.2.4	8.1.2.2	8.1.2.3	8.1.2.4
8.1.2.3	8.1.2.2	8.1.2.2	8.1.2.3
8.1.2.2	8.1.2.1	8.1.2.2	8.1.2.2
8.1.2.1	8.1.2.1	8.1.2.1	8.1.2.1
8.1.2	8.1.2	8.1.2.1 (includes all changes in FSDf 81201)	8.1.2
8.1.1.1	8.1.1.2	8.1.2.0.1	8.1.1.1
8.1.1	8.1.1	8.0.8	8.1.1
8081	8.0.8.6	8.0.8	8.0.8.x
8.0.8	8.0.8 to 8.0.8.6	8.0.8	8.0.8
8072	8.0.7.8	8.0.7	8.0.7.x
8071	8.0.7.4 to 8.0.7.8	8.0.7	8.0.7.x
8.0.7	8.0.7 to 8.0.7.8	8.0.7	8.0.7

A.3 Upgrade Scenarios

This appendix describes the upgrade scenarios.

Topics:

- [Upgrade from OFS BD 8.1.2.0.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.1.0 to OFS BD 8.1.2.9.0](#)
- [Upgrade from OFS BD 8.1.2.2.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.3.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.4.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.5.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.6.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.7.0 to OFS BD 8.1.2.8.0](#)
- [Upgrade from OFS BD 8.1.2.8.0 to OFS BD 8.1.2.9.0](#)

A.3.1 Upgrade from OFS BD 8.1.2.0.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.0.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.0.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-CIBPreviousAverageActivity.116000083.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-CIBPreviousAverageActivity.118860023.xml (New scenario)
ML-CIBPreviousPeakActivity.118860024.xml (New scenario)
ML-HRTransHRGeography.118860022.xml (New scenario)
ML-DepWDSameAmts.118860020.xml
ML-RoutingMultiLocations.118860012.xml
ML-AnomATMBCForeignTrans.116000054.xml
ML-HRTransHRGeography.115000049.xml
ML-RapidMvmtFundsAllActivity.116000080.xml
ML-StructuringAvoidReportThreshold.116000063.xml
ML-CashTransPossibleCTR.116000073.xml
ML-LargeReportableTrans.115400007.xml
ML-StructuringDepWDMixedMis.118860016.xml
ML-HubAndSpoke.118860014.xml
ML-HubAndSpoke.118860005.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-AnticipateProfileIncome.116000090.xml
ML-LgDeprecAcctValue.115200003.xml
ML-RapidMvmtFundsAllActivity.116000079.xml
ML-TerroristFinancing.114000122.xml
ML-TerroristFinancing.114000123.xml
ML-AnomATMBCForeignTrans.116000055.xml
ML-HRTransFocalHRE.114000060.xml
ML-DPGTotalActivity.114697019.xml

ML-AnticipateProfileSOF.116000059.xml
ML-EnWithMultId-fEN.115000004.xml
ML-RoundAmounts.114590030.xml
ML-HRTransFocalHRE.114000073.xml
ML-StoredValueCards.114000125.xml
ML-StoredValueCards.114000126.xml
ML-StructuringAvoidReportThreshold.116000062.xml
ML-CIBPreviousAverageActivity.116000084.xml
ML-DPGTotalActivity.115690004.xml
ML-PolicieswithRefunds-dNSR.114690107.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
ML-CashTransPossibleCTR.116000037.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)
ML-CIBProductUtilization.116000069.xml
ML-CIBForeignActivity.116000053.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-CIBHRGActivity.116000087.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-HRTransHRCounterParty.114000083.xml
ML-HRTransHRGeography.118860022.xml

A.3.2 Upgrade from OFS BD 8.1.2.1.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.1.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.0.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-AnomATMBBCForeignTrans.116000054.xml
ML-HRTransHRGeography.115000049.xml
ML-RapidMvmtFundsAllActivity.116000080.xml
ML-StructuringAvoidReportThreshold.116000063.xml
ML-CashTransPossibleCTR.116000073.xml
ML-LargeReportableTrans.115400007.xml
ML-StructuringDepWDMixedMIs.118860016.xml
ML-HubAndSpoke.118860014.xml
ML-HubAndSpoke.118860005.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-AnticipateProfileIncome.116000090.xml
ML-LgDeprecAcctValue.115200003.xml
ML-RapidMvmtFundsAllActivity.116000079.xml
ML-TerroristFinancing.114000122.xml

ML-TerroristFinancing.114000123.xml
ML-AnomATMBBCForeignTrans.116000055.xml
ML-HRTransFocalHRE.114000060.xml
ML-DPGTotalActivity.114697019.xml
ML-AnticipateProfileSOF.116000059.xml
ML-EnWithMultId-fEN.115000004.xml
ML-RoundAmounts.114590030.xml
ML-HRTransFocalHRE.114000073.xml
ML-StoredValueCards.114000125.xml
ML-StoredValueCards.114000126.xml
ML-StructuringAvoidReportThreshold.116000062.xml
ML-CIBPreviousAverageActivity.116000084.xml
ML-DPGTotalActivity.115690004.xml
ML-PolicieswithRefunds-dNSR.114690107.xml
ML-HRTransHRGeography.118860022.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
ML-CashTransPossibleCTR.116000037.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)
ML-CIBProductUtilization.116000069.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBForeignActivity.116000053.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-CIBHRGActivity.116000087.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-HRTransHRCounterParty.114000083.xml

A.3.3 Upgrade from OFS BD 8.1.2.2.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.2.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.2.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-LgDeprecAcctValue.115200003.xml
ML-RapidMvmtFundsAllActivity.116000079.xml
ML-TerroristFinancing.114000122.xml
ML-TerroristFinancing.114000123.xml
ML-AnomATMBBCForeignTrans.116000055.xml
ML-HRTransFocalHRE.114000060.xml
ML-HubAndSpoke.118860014.xml
ML-DPGTotalActivity.114697019.xml

ML-AnticipateProfileSOF.116000059.xml
ML-EnWithMultId-fEN.115000004.xml
ML-RoundAmounts.114590030.xml
ML-HRTransFocalHRE.114000073.xml
ML-StoredValueCards.114000125.xml
ML-StoredValueCards.114000126.xml
ML-StructuringAvoidReportThreshold.116000062.xml
ML-CIBPreviousAverageActivity.116000084.xml
ML-DPGTotalActivity.115690004.xml
ML-PolicieswithRefunds-dNSR.114690107.xml
ML-HRTransHRGeography.115000049.xml
ML-HRTransHRGeography.118860022.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
ML-CashTransPossibleCTR.116000037.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-FTNCuEnExternal.114000078.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)
ML-HubAndSpoke.118860005.xml
ML-CIBProductUtilization.116000069.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBForeignActivity.116000053.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-CIBHRGActivity.116000087.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-AnticipateProfileIncome.116000090.xml
ML-CIBHRGActivity.116000087.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-FTNRecurringOrBe.114000082.xml
ML-HRTransHRCounterParty.114000083.xml
ML-StructuringAvoidReportThreshold.118860030.xml

A.3.4 Upgrade from OFS BD 8.1.2.3.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.3.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.3.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-StructuringAvoidReportThreshold.116000062.xml
ML-CIBPreviousAverageActivity.116000084.xml
ML-DPGTotalActivity.115690004.xml
ML-PolicieswithRefunds-dNSR.114690107.xml

ML-HRTransHRGeography.115000049.xml
ML-HRTransHRGeography.118860022.xml
ML-HubAndSpoke.118860014.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
ML-CashTransPossibleCTR.116000037.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-FTNCuEnExternal.114000078.xml
ML-RoundAmounts.114590030.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)
ML-HubAndSpoke.118860005.xml
ML-CIBProductUtilization.116000069.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBForeignActivity.116000053.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-AnticipateProfileSOF.116000059.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-CIBHRGActivity.116000087.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-EnWithMultiId-fEN.115000004.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-AnticipateProfileIncome.116000090.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-FTNRecurringOrBe.114000082.xml
ML-HRTransHRCounterParty.114000083.xml
ML-RapidMvmtFundsAllActivity.116000079.xml

A.3.5 Upgrade from OFS BD 8.1.2.4.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.4.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.4.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-HRTransHRGeography.115000049.xml
ML-HRTransHRGeography.118860022.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
ML-CashTransPossibleCTR.116000037.xml
ML-HubAndSpoke.118860014.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-FTNCuEnExternal.114000078.xml
ML-RoundAmounts.114590030.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)

ML-HubAndSpoke.118860005.xml
ML-CIBProductUtilization.116000069.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBForeignActivity.116000053.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-AnticipateProfileSOF.116000059.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-CIBHRGActivity.116000087.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-EnWithMultId-fEN.115000004.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-AnticipateProfileIncome.116000090.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-HRTransHRCounterParty.114000083.xml
ML-HRTransHRGeography.118860022.xml
ML-RapidMvmtFundsAllActivity.116000079.xml

A.3.6 Upgrade from OFS BD 8.1.2.5.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.5.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.5.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-EarlyPOCCreditProducts.115400011.xml
ML-HubAndSpoke.118860005.xml
ML-CIBProductUtilization.116000069.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBForeignActivity.116000053.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-AnticipateProfileSOF.116000059.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-CIBHRGActivity.116000087.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-EnWithMultId-fEN.115000004.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-AnticipateProfileIncome.116000090.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-FTNCuEnExternal.114000078.xml

ML-FTNRecurringOrBe.114000082.xml
ML-HRTransHRCounterParty.114000083.xml
ML-HRTransHRGeography.118860022.xml
ML-HubAndSpoke.118860014.xml
ML-RapidMvmtFundsAllActivity.116000079.xml

A.3.7 Upgrade from OFS BD 8.1.2.6.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.6.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.6.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-AnomATMBCExcessiveWD.116000065.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-AnticipateProfileIncome.116000090.xml
ML-CIBHRGActivity.116000087.xml
ML-CIBProductUtilization.116000069.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-HRTransHRCounterParty.114000083.xml
ML-HRTransHRGeography.118860022.xml
ML-HubAndSpoke.118860005.xml
ML-HubAndSpoke.118860014.xml
ML-RapidMvmtFundsAllActivity.116000079.xml
ML-StructuringAvoidReportThreshold.118860030.xml

A.3.8 Upgrade from OFS BD 8.1.2.7.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.7.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.7.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-AnticipateProfileIncome.116000090.xml
ML-CIBHRGActivity.116000087.xml
ML-CIBProductUtilization.116000069.xml
ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.118860035.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-HRTransHRCounterParty.114000083.xml
ML-HRTransHRGeography.118860022.xml
ML-HubAndSpoke.118860005.xml
ML-HubAndSpoke.118860014.xml

ML-RapidMvmtFundsAllActivity.116000079.xml
ML-StructuringAvoidReportThreshold.118860030.xml

A.3.9 Upgrade from OFS BD 8.1.2.8.0 to OFS BD 8.1.2.9.0

This section lists the required scenarios while upgrading from OFS BD 8.1.2.8.0 to OFS BD 8.1.2.9.0.

In case of upgrade from OFS BD 8.1.2.8.0 to OFS BD 8.1.2.9.0, load the following scenarios:

ML-AnomATMBBCForeignTrans.116000054.xml
ML-AnticipateProfileIncome.116000090.xml
ML-HRTransHRGeography.115000049.xml
ML-RapidMvmtFundsAllActivity.116000080.xml
ML-StructuringAvoidReportThreshold.116000063.xml
ML-CashTransPossibleCTR.116000073.xml
ML-LargeReportableTrans.115400007.xml
ML-StructuringDepWDMixedMIs.118860016.xml
ML-HubAndSpoke.118860014.xml
ML-HubAndSpoke.118860005.xml
ML-FTNCuEnExternal.114000078.xml
ML-FTNRecurringOrBe.114000082.xml
ML-LgDeprecAcctValue.115200003.xml
ML-RapidMvmtFundsAllActivity.116000079.xml
ML-TerroristFinancing.114000122.xml
ML-TerroristFinancing.114000123.xml
ML-AnomATMBBCForeignTrans.116000055.xml
ML-HRTransFocalHRE.114000060.xml
ML-CIBPreviousAverageActivity.116000083.xml
ML-CIBPreviousAverageActivity.118860023.xml
ML-CIBPreviousPeakActivity.118860024.xml
ML-DepWDSameAmts.118860020.xml
ML-EarlyPOCreditProducts.115400010.xml
ML-EarlyPOCreditProducts.115400011.xml
ML-HRTransHRGeography.118860022.xml
ML-RoutingMultiLocations.118860012.xml
ML-DPGTotalActivity.114697019.xml
ML-AnticipateProfileSOF.116000059.xml
ML-EnWithMultId-fEN.115000004.xml
ML-HRTransFocalHRE.114000073.xml
ML-RoundAmounts.114590030.xml
ML-StoredValueCards.114000125.xml
ML-StoredValueCards.114000126.xml
ML-StructuringAvoidReportThreshold.116000062.xml
ML-CIBPreviousAverageActivity.116000084.xml
ML-DPGTotalActivity.115690004.xml
ML-PolicieswithRefunds-dNSR.114690107.xml
ML-StructuringAvoidReportThreshold.118860028.xml
ML-StructuringAvoidReportThreshold.118860029.xml
ML-CashTransPossibleCTR.116000037.xml
ML-EarlyRemoval-dNSR.114690106.xml
ML-AnticipateProfileExpectedActivity.116000107.xml
ML-StructuringAvoidReportThreshold.118860030.xml
ML-AnomATMBBCStructuredCash.116000056.xml
ML-CIBHRGActivity.116000087.xml

ML-ChkMIRecurringReBeKnown.116000074.xml
ML-ExtMatchedNames.114590002.xml
ML-ExtMatchedNames.114590003.xml
ML-LargeReportableTrans.116000060.xml
ML-PotStructuringCashAndEquiv.118860031.xml
ML-TerroristFinancing.118860004.xml
ML-HRTransHRCounterParty.114000083.xml
ML-NetworksOfAcEn.114697025.xml
ML-AnomATMBBCStructuredCash.116000057.xml

A.4 TBAML Scenarios

This appendix describes the TBAML-specific scenarios that you can load based on your requirement.

Table 4 TBAML-specific Scenarios

Scenario ID	Scenario Name
118880002	(TBML/CU) Anticipatory Profile - Expected Goods/ Services
118860006	(TBML/CU) CIB: Commodity Shift
118860008	(TBML/CU) CIB: Significant change in Commodity Price
118860011	(TBML/CU) Change In Behavior: High Risk Country Shift
118860007	(TBML/CU) Change In Behavior: Region Shift
118860003	(TBML/CU) Customer Involved with Parties in High Risk Geography
118860009	(TBML/CU) Deviation from Peer Group - Commodity Price Change
118860010	(TBML/CU) Inconsistent Shipping
118860002	(TBML/CU) Significant Number of Amendments