

**Oracle Financial Services**  
**Behavior Detection**  
**Installation Guide**  
**Release 8.1.2.2**  
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**ORACLE**  
Financial Services

## OFS Behavior Detection Installation Guide

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# Document Control

Table 1 lists the document control.

**Table 1: Revision History**

Revision Number	Revision Date	Change Log
8.1.2.2.0	September 2022	Captured Installation and Configuration steps for 8.1.2.2.0 Release.

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## Table of Contents

<b>1</b>	<b>About This Guide.....</b>	<b>6</b>
1.1	How This Guide is Organized .....	6
1.2	Acronyms.....	6
1.3	Conventions .....	6
<b>2</b>	<b>Pre-Installation Steps &amp; How to Apply This Maintenance Level Release?.....</b>	<b>8</b>
2.1	Pre-Installation Requirements.....	8
2.1.1	<i>PatchConfig.xml</i> .....	9
2.2	How to Apply This Maintenance Level Release?.....	9
<b>3</b>	<b>Post-Installation Steps .....</b>	<b>13</b>
3.1	Post-Installation Steps .....	13
3.2	Configuring JIT .....	15
3.3	Configuring Scenario Wizard and Scenario Manager .....	17
<b>4</b>	<b>JAVA Upgrade .....</b>	<b>18</b>
4.1	Configuring Existing JAVA8 Environments.....	18
4.2	Configuring New JAVA11 Environments .....	18
<b>5</b>	<b>APPENDIX A: Files Packed in This Patch .....</b>	<b>19</b>
5.1	Files Modified Due to This Patch .....	19
5.2	Files Impacting Database.....	20
5.3	Files Impacted by This Patch .....	26
5.3.1	<i>HTML</i> .....	27
5.3.2	<i>JS Files</i> .....	28
5.3.3	<i>JSP Files</i> .....	28
5.3.4	<i>CSS Files</i> .....	29
5.3.5	<i>Images</i> .....	30
5.3.6	<i>Fonts</i> .....	30
5.3.7	<i>Datamodel</i> .....	31
5.3.8	<i>JAR Files</i> .....	31
5.3.9	<i>Database Script Files</i> .....	32
5.3.10	<i>SH Files</i> .....	32
5.3.11	<i>XML Files</i> .....	32

---

5.3.12	<i>Datamap Files</i> .....	32
5.3.13	<i>Queries (Ingestion)</i> .....	33
5.3.14	<i>Build-related Files</i> .....	34
5.3.15	<i>BD Algorithm-related Files</i> .....	34
<b>6</b>	<b>APPENDIX B: OFS BD Version Compatibility List</b> .....	<b>35</b>
<b>7</b>	<b>OFSAA Support Contact Details</b> .....	<b>36</b>
<b>8</b>	<b>Send Us Your Comments</b> .....	<b>37</b>

# 1 About This Guide

The Oracle Financial Services Behavior Detection (OFS Behavior Detection) 8.1.2.2.0 Installation Guide provides instructions to install the OFS Behavior Detection 8.1.2.2.0 Maintenance Level (ML) release.

The OFS Behavior Detection 8.1.2.2.0 ML release includes all the bug fixes and minor enhancements done since the GA (General Availability) release, 8.1.2.0.0.

For information on the 8.1.2.0.0 installation, see [Oracle Financial Services Behavior Detection Release 8.1.2.0.0 Installation Guide](#).

## 1.1 How This Guide is Organized

This guide includes the following chapters:

- [Pre-Installation Steps & How to Apply This Maintenance Level Release?](#) details the pre-installation requirements and the steps to install this ML release.
- [Post-Installation Steps](#) details the post Installation procedure.
- [Performance Tuning of Scenarios](#) to enable performance tuning of Scenarios using custom hints.
- [JAVA Upgrade](#) describes the procedure to upgrade from JAVA8 to JAVA11.
- [APPENDIX A: Files Packed in This Patch](#) describes the Files Packed in this Patch.
- [APPENDIX B: OFS BD Version Compatibility List](#) provides compatible versions of OFSAAI, FSDF, and OFS ECM for OFS BD.

## 1.2 Acronyms

[Table 2](#) lists the Acronyms used in this guide.

**Table 2: Acronyms**

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

## 1.3 Conventions

[Table 3](#) lists the conventions used in this document

**Table 3: Convention Used in this Guide**

Conventions	Meaning
<i>Italics</i>	<ul style="list-style-type: none"><li>• Names of books as references</li><li>• Emphasis</li><li>• Substitute input values</li></ul>

**Table 3: Convention Used in this Guide**

Conventions	Meaning
<b>Bold</b>	<ul style="list-style-type: none"> <li>• Menu names, field names, options, button names</li> <li>• Commands typed at a prompt</li> <li>• User input</li> </ul>
Monospace	<ul style="list-style-type: none"> <li>• Directories and subdirectories</li> <li>• File names and extensions</li> <li>• Process names</li> <li>• Code sample, including keywords and variables within the text and as separate paragraphs, and user-defined program elements within the text</li> </ul>
Hyperlink	<ul style="list-style-type: none"> <li>• Hyperlink type indicates links to the external websites and internal document links to sections</li> </ul>
Asterisk (*)	<ul style="list-style-type: none"> <li>• Mandatory fields in User Interface</li> </ul>
<Variable>	<ul style="list-style-type: none"> <li>• Substitute input value</li> </ul>

## 2 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 #2 8.1.2.2.0.

### Topics:

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

### 2.1 Pre-Installation Requirements

This section describes the pre-installation requirements. Refer to the following pre-installation prerequisites:

#### 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 BD8122 ML application.
- Refer to [APPENDIX B: OFS BD Version Compatibility List](#) for details on OFS BD Version compatibility with OFSAAI, FSDF, and OFS ECM.

1. Download the OFS Behavior Detection 8.1.2.2.0 archive file from [My Oracle Support](#) by searching for Patch ID 34332109 under the Patches & Updates tab. Also, ensure that the mandatory patches mentioned in the Pre-installation Requirements section of the [Oracle Financial Services Behavior Detection Release 8.1.2.2.0 Readme](#) are applied before installation.
2. Install OFSBD 8.1.2.0.0 before applying 8.1.2.2.0.

#### NOTE

Ignore this step if OFS BD 8.1.2.1.0 is already installed.

3. Apply patch for Bug 33865657. This is the OFSAAI 8.1.2.0.0 RELEASE #1 (8.1.2.1.0).
4. Apply patch for Bug 34278179. This is the consolidated fixes of all issues identified in AAI on 8121 ML.



## 2.1.1 PatchConfig.xml

Table 4 lists the Placeholder Values in the PatchConfig.xml File.

**Table 4: 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 OFS_BD_SCHEMA_OUTPUT.xml, which was generated at the time of installation. For example: /scratch/ofsaaapp/Installer/OFS_BD_PACK/schema_creator/OFS_BD_SCHEMA_OUTPUT.xml.
##BIG_DATA_ENABLE##	Placeholder to enable Big Data. Enter FALSE.

## 2.2 How to Apply This Maintenance Level Release?

This section describes how to apply this maintenance release.

To install this Maintenance Level release, follow these steps:

### NOTE

If the OFS Behavior Detection 8.1.2.2.0 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;

1. During OFS Behavior Detection 8.1.2.2.0 patch installation, only the FICServer (<FIC\_HOME>/ficapp/common/FICServer/bin/startofsaai.sh) must be up and running. Stop all other OFSAAI application services (MANTAS, ICC, BD algorithms dispatcher, etc.).
2. Load the .profile and make sure that \$FIC\_HOME corresponds to the proper environment where the patch application is required.
3. Download and copy 34332109\_LINUX.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 34332109_LINUX.zip`

The following are the contents of the folder when the folder is unzipped:

- PatchConfig.xml
- install.sh
- Setup.bin
- validateXMLInputs.jar
- Readme\_OFSBD\_8.1.2.2.0.txt
- BD\_FSDM\_DataModel.xml

- KYC\_DataModel.xml

**NOTE** <USER\_PATCH\_DIR> is the directory containing the <patch>.zip file. The above "-a" option is mandatory to unzip the patch. In case of error message "unzip: not found [No such file or directory]" is observed when the package is not installed, contact your UNIX administrator to resolve this issue.

5. Navigate to <USER\_PATCH\_DIR>/34332109/bin and grant execute (755) permission for all executables: `$ chmod 755 *`.
6. Navigate to <USER\_PATCH\_DIR>/34332109/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.
7. Before Patch installation, execute the statement in Atomic Schema: `DROP INDEX DRVD_ADDR_NVL_IDX`.
8. Check if the patch is applied successfully by verifying the patch install logs under <USER\_PATCH\_DIR>/34332109/logs.

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

9. Replace the parameter `@ORION_DB_DBTOOLS_PATH@` with `$FIC_HOME/database/db_tools` in the file: `$FIC_HOME/database/db_tools/log4j2.xml`.

**NOTE** When replacing the param `$FIC_HOME`, provide the complete FICHOME path in the app server.

10. Delete all files inside the `$FIC_HOME/bdf/classes` and `$FIC_HOME/bdf/src` directories.

**NOTE** As a precautionary measure, take a backup of files mentioned above.

11. Perform the following configuration to improve performance of Refresh Temp Utility for Scenarios. These new parameters in the `kdd_install_param` table are used in the `refreshtemptable` job to add HINT in the SQL code. Add the following entries in the `kdd_install_param` table.
  - `PARAM_ID`: Unique number in the range of 100000 to 199999.
  - `PARAM_NM` : Name of the View for which the hint must be added.
  - `PARAM_VALUE_TX` : NULL
  - `PARAM_VALUE_TYPE_TX` : NULL
  - `PARAM_CAT_CD` : RefreshTempTable (Hardcoded value)
  - `ATTR_1_CD`: Batch\_name (Hardcoded value)
  - `ATTR_1_VALUE_TX`: <batch\_name>

For example: DLY

- ATTR\_2\_CD: Select\_Hint (Hardcoded value)
- ATTR\_2\_VALUE\_TX: <hint> that would be used in the query format `/*+ <hint> */`  
For example: `/*+ PARALLEL(8) */`
- ATTR\_3\_CD: Insert\_Hint (Hardcoded value)
- ATTR\_3\_VALUE\_TX: <hint> hint to be used in the insert statement format `/*+ <hint> */`  
For example: `/*+ APPEND */`

**Sample Insert Statement:**

```
insert into KDD_INSTALL_PARAM (PARAM_ID, PARAM_NM, PARAM_CAT_CD,
ATTR_1_CD, ATTR_1_VALUE_TX, ATTR_2_CD,
ATTR_2_VALUE_TX, ATTR_3_CD, ATTR_3_VALUE_TX)
values
(100001, 'TMP_NETACENCU_NT_ACCTADDR_VW', 'RefershTempTable',
'Batch_name',
'DLY', 'Select_Hint', '/*+ PARALLEL(8) */', 'Insert_Hint', '/*+ APPEND
*/');
commit;
```

12. Perform this step only if Oracle Financial Services Compliance Studio is 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/
OFS_KYC_RTIEExport_AcceleratedRereview_WithAomalyDetectionML.xml
##AMINFODOM## OFS_KYC false
```

13. Check the DB builder logs for successful execution of `mantas8.1.2.2.0_delta.cfg` and `delta_plat8.1.2.2.0.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:

**NOTE** Replace the `PR_8.1.1.9_34155076.mantas.sql` file in the in the following folder before executing DB builder. This Wrapper Dataset Addendum file is available in [My Oracle Support](#):  
`$FIC_HOME/database/mantas_schema/delta/oracle/8.0.`

```
$FIC_HOME/database/db_tools/bin/run_dbbuilder_utility.sh $FIC_HOME/
database/mantas_schema/delta/oracle/8.0/mantas8.1.2.2.0_delta.cfg
```

This will prompt for Atomic user name and password. Provide the same. 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_plat8.1.2.2.0.cfg
```

Provide the Atomic user name and password when prompted.

14. Once the patch is applied successfully, navigate to FIC\_HOME and execute the file *BD\_Duplicate\_Jar\_Removal\_8122ML.sh*.
15. 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.
16. For OFS Real Time fraud (RTF) execute the following:

**NOTE**

- RTF CARD is not supported on Tomcat in OFS BD 8122 ML.
- Add below entries only if you are using RTF. Else, comment the below out.

Path (<Deployed Area>/<BD Context Name.ear>/<BD Context Name.war>/WEB-INF/web.xml

Command:

```
<servlet>
    <servlet-name>RealTimeFraudCronJobServlet</servlet-name>
<servlet-class>com.ofss.fccm.fraud.service.RealTimeFraudCronJobServlet</servlet-class>
    <load-on-startup>5</load-on-startup>
</servlet>

<servlet>
    <servlet-name>RealTimeCardFraudCronJobServlet</servlet-name>
<servlet-class>com.ofss.fccm.fraud.card.service.RealTimeCardFraudCronJobServlet</servlet-class>
    <load-on-startup>5</load-on-startup>
</servlet>
```

17. Restart OFSAAI services.

## 3 Post-Installation Steps

This chapter describes the post-installation steps.

### Topics:

- [Post-Installation Steps](#)
- [Configuring JIT](#)
- [Configuring Scenario Wizard and Scenario Manager](#)

### 3.1 Post-Installation Steps

Refer to the following post-installation steps:

1. To execute the DQ scripts in different FSDF infodoms, follow these steps:
  - a. Navigate to `FIC_HOME/database/db_tools/bin` and execute the file `Replace_FSDF_Placeholder.sh` with FSDF infodoms 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 where you have copied the DQ files in step b above.  
For example: `define dir="C:\DQScripts"`
    - Execute `Execution_Order_DQ.sql`  
For example: `@&dir\Execution_Order_DQ.sql`
2. Load scenarios in the Database from the `/FIC_HOME/Database/db_tools/bin` with `sm_load.sh` utility.

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

The following scenarios are provided in the patch:

- In case of Upgrade from OFS BD 8.1.2.0.0 to OFS BD 8.1.2.2.0, apply mandatory patch 34726273 from [My Oracle Support](#). Once this is completed, 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-StructuringAvoidReportThreshold.116000062.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-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)

■ In case of Upgrade from OFS BD 8.1.2.1.0 to OFS BD 8.1.2.2.0, load the following scenarios

- 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-StructuringAvoidReportThreshold.116000062.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-RoutingMultiLocations.118860012.xml (Before loading and executing the scenario, add it to the scnro.cfg file)

3. For OFS KYC, execute the following post installation scripts:

- a. If KYC and ECM are in the 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;
- b. If KYC and ECM are in different DB, execute the following scripts and then and replace the AMDBLINK mentioned below with the DB link of the current setup. @AMDBLINK is a placeholder:
  - 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;
- 4. Create or replace synonym CM\_BD\_PARTY\_PARTY\_RLSHP\_SKEY\_ECM for CM\_BD\_PARTY\_PARTY\_RLSHP\_SKEY@AMDBLINK;To configure the Machine Learning based anomaly detection model for the Accelerated re-review rule of KYC risk assessments:

**NOTE** Oracle Financial Services Compliance Studio installation is mandatory for this integration. Do not import the XML if Compliance Studio is not installed.

- 5. Navigate to the folder: Create or replace synonym CM\_BD\_PARTY\_PARTY\_RLSHP\_SKEY\_ECM for CM\_BD\_PARTY\_PARTY\_RLSHP\_SKEY@AMDBLINK;To configure the Machine Learning based anomaly detection model for the Accelerated re-review rule of KYC risk assessments:

**NOTE** Oracle Financial Services Compliance Studio installation is mandatory for this integration. Do not import the XML if Compliance Studio is not installed.

- Navigate to the folder: `$FIC_HOME/ficapp/common/FICServer/bin`.
- Replace the `INFODOM` placeholder in the following command and execute it.

```
./RTIImport.sh $FIC_HOME/IPE/KYC/  
OFS_KYC_RTIEExport_AcceleratedRereview_WithAomalyDetectionML.xml  
##AMINFODOM## OFS_KYC false
```

## 3.2 Configuring JIT

Refer to the following Post Installation steps for configuring JIT:

**NOTE** The following steps are not mandatory. Follow these steps only when JIT is configured in the setup.

1. Login as SYSADMN and update the System Configuration Details. For more information, see Update General Detail for JIT Configuration and Authentication in [OFSAAI 8.1.2.0 User Guide](#).
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 UserGroups and Users 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 need to 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 tables 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 has to 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 tables 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 (form 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 Usergroup 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. Login with the New User in the Application and observe that the Security attributes mapping is done.
8. If User group mapping doesn't have any change and there are only Security attribute mapping changes to be done, then login with 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 who is 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 needs to 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.
10. For OFS KYC, execute the below post installation scripts:
- a. If KYC and ECM are in the 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_rlshp_ECM for &&case_schema_owner..kdd_case_party_party_rlshp;`
  - b. If KYC and ECM are in different DB, 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_rlshp_ECM for kdd_case_party_party_rlshp@AMDBLINK;`

### 3.3 Configuring Scenario Wizard and Scenario Manager

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

## 4 JAVA Upgrade

### NOTE

1. From BD 8.1.1.0 onwards, JAVA11 is supported with the below mentioned web servers:
  - Weblogic 14.1.x.x
  - Apache Tomcat 9.0.xx
2. Existing web servers have to be re-configured/re-installed with JAVA11.

#### Topics:

- [Configuring Existing JAVA8 Environments](#)
- [Configuring New JAVA11 Environments](#)

### 4.1 Configuring Existing JAVA8 Environments

To upgrade from JAVA8 to JAVA11, follow these steps:

11. Install the JAVA11 in the server.
12. 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.

13. Modify the listed files from JAVA8 to JAVA11.
14. 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 paths accordingly).
```
15. Update the JAVA8 path with JAVA11 in the *.profile*.
16. Re-create and re-deploy the OFSAA EAR/WAR file and Restart the OFSAA App Server and Web Server.

### 4.2 Configuring New JAVA11 Environments

To create new environment with JAVA11, follow these steps:

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

### NOTE

Do not bring up the environment until BD 8.1.2.2.0 is applied and configured.

2. Follow the steps described in [Pre-Installation Steps & How to Apply This Maintenance Level Release?](#) for applying BD 8.1.2.2.0.

## 5 APPENDIX A: Files Packed in This Patch

This chapter describes the files modified and files impacting database due to this Patch.

### Topics:

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

### 5.1 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
- ctrSolution.js
- MIT\_List.jsp
- CTR\_EXE\_Create.jsp
- CTR\_ListP.xml
- MIT\_AddRep.xml
- MIT\_EditRep.xml
- MIT\_ListP.xml
- CTR\_PL\_ChgHistG.xml
- CTR\_TransactionP.xml
- CTR\_TransactionG.xml
- 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-StructuringAvoidReportThreshold.116000062.xml
- ML-StructuringDepWDMixedMIs.118860016.xml
- ML-HubAndSpoke.118860014.xml
- ML-HubAndSpoke.118860005.xml
- ML-FTNCuEnExternal.114000078.xml
- ML-FTNRecurringOrBe.114000082.xml

**NOTE**

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

## 5.2 Files Impacting Database

This section lists the files impacting the database.

The following files impact the database:

- 33981210\_MESSAGES\_EN\_US.sql
- CTR\_ListP.sql
- CTR\_ListG.sql
- FCC\_UI\_MODULE\_CONF.sql
- CTR\_PI\_ChgHistG.sql
- 33981210\_INSERT\_FORMS\_LANDING\_PAGE\_ROUTER.sql
- CTR\_EXE\_CuDetHisG.sql
- 33981210\_CSSMS\_ROLE\_FUNCTION\_MAP\_PACK.sql
- 33981210\_CSSMS\_ROLE\_FUNCTION\_MAP.sql
- CTR\_TransactionG.sql
- PKG\_WORKFLOW.sql
- PKG\_WORKFLOW\_BODY.sql
- PKG\_PRMTCTR.sql
- PKG\_PRMTCTR\_BODY.sql
- PR\_8.1.2.1.0\_34012573.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
- CTR\_OJET\_MENU.sql
- OJF\_CTR\_AccountG.sql
- OJF\_CTR\_AccountP.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\_CashInG.sql
- OJF\_CTR\_CashInP.sql
- OJF\_CTR\_CashOutG.sql
- OJF\_CTR\_CashOutP.sql
- OJF\_CTR\_CommentG.sql
- OJF\_CTR\_CommentP.sql
- OJF\_CTR\_Comment\_Add.sql
- OJF\_CTR\_CreateCTR.sql
- OJF\_CTR\_CreateTrxnG.sql
- OJF\_CTR\_CrtDOEPEfileG.sql
- OJF\_CTR\_CrtDOEPEfileP.sql
- OJF\_CTR\_CrtEfileG.sql
- OJF\_CTR\_CrtEfileP.sql
- OJF\_CTR\_CTRAuditP.sql
- OJF\_CTR\_DEFL\_Context.sql
- OJF\_CTR\_DEFL\_Details.sql
- OJF\_CTR\_Det\_Action.sql
- OJF\_CTR\_DOEPAttchmntG.sql
- OJF\_CTR\_DOEPAttchmntP.sql
- OJF\_CTR\_DOEPAuditG.sql
- OJF\_CTR\_DOEPAuditP.sql
- OJF\_CTR\_DOEPCommentG.sql
- OJF\_CTR\_DOEPCommentP.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\_DOEPEvidenceP.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\_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\_GenDOEPEfile.sql
- OJF\_CTR\_GenEfile.sql
- OJF\_CTR\_Inc\_CtrsG.sql
- OJF\_CTR\_Inc\_ExmG.sql
- OJF\_CTR\_Init\_VaditP.sql
- OJF\_CTR\_Init\_Vadit\_ErrG.sql
- OJF\_CTR\_Init\_Vadit\_WrnG.sql
- OJF\_CTR\_ListG.sql
- OJF\_CTR\_ListP.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\_TransG.sql
- OJF\_CTR\_Person\_TransP.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\_Pl\_Edit.sql
- OJF\_CTR\_PrntFl\_G.sql
- OJF\_CTR\_PrntFl\_P.sql
- OJF\_CTR\_RepFinG.sql
- OJF\_CTR\_RepFinP.sql
- OJF\_CTR\_ReportContext.sql
- OJF\_CTR\_ReportDetails.sql
- OJF\_CTR\_Show\_AtchmntG.sql
- OJF\_CTR\_Show\_AtchmntP.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\_View\_AtchmntG.sql
- OJF\_CTR\_View\_AtchmntP.sql
- OJF\_CTR\_Xsd\_VaditG.sql
- OJF\_CTR\_Xsd\_VaditP.sql
- OJF\_MIT\_AddRep.sql
- OJF\_MIT\_AuditG.sql
- OJF\_MIT\_DeleteComments.sql
- OJF\_MIT\_EditRep.sql
- OJF\_CTR\_EXE\_Create.sql
- OJF\_CTR\_EXE\_Tin\_Cust.sql
- OJF\_MIT\_ListG.sql
- OJF\_MIT\_ListP.sql
- 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\_PrntFl\_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\_PIAtcmntG.sql
- OJF\_CTR\_PIAtcmntAdd.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\_DOEPCCommentG.sql
- OJF\_CTR\_DOEPCComment\_Add.sql
- OJF\_CTR\_DOEPAttchmntG.sql
- OJF\_CTR\_DOEPAtchmt\_Add.sql
- OJF\_CTR\_EFL\_Actn.sql
- OJF\_CTR\_EFL\_Actns.sql
- OJF\_CTR\_DOEPEFL\_Actn.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

- PKG\_WORKFLOW.sql
- PKG\_WORKFLOW\_BODY.sql
- PKG\_MITCTR.sql
- PKG\_MITCTR\_BODY.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

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**NOTE**

Take a backup of the Atomic and Config schemas as a precautionary measure; any customizations performed to the schema must be re-applied.

## 5.3 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
- XML Files
- Datamap Files
- Queries (Ingestion)
- Build-related Files
- Infodom Files

- [Build-related Files](#)
- [BD Algorithm-related Files](#)

### 5.3.1 HTML

The following are the HTML files 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/js/views/ECM_KYC_AccReviewRules.html`
- `kyc/js/views/ECM_KYC_AppInParams.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`

### 5.3.2 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/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/appCommon/appSolution.js
- kyc/js/libs/knockout-postbox/knockout-postbox.js
- kyc/js/libs/knockout-postbox/knockout-postbox.min.js
- aai-ctr.js
- aai-ctr.html
- ojctrSolution.js

### 5.3.3 JSP Files

The following are the JSP files impacted:

- kyc\_onboarding/ConfigureServiceParameters.jsp
- kyc\_onboarding/ConfigureTPGServiceParameters.jsp
- kyc\_onboarding/KYCAAlgorithmBasedView.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\_ApplnParams.jsp
- kyc/ECM\_KYC\_ManageInstall.jsp
- kyc/ECM\_KYC\_RuleBased.jsp
- kyc/KYCMessageConstants.jsp
- kyc/KYCMessageConstantsUI.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
- alert\_assigner\_incl\_addexception.jsp

### 5.3.4 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

### 5.3.5 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

### 5.3.6 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

### **5.3.7 Datamodel**

The following are the datamodel files impacted:

- BD\_FSDM.xml
- KYC\_DataModel.xml
- BD\_EXTN.xml

### **5.3.8 JAR Files**

The following are the Jar files impacted:

- tp\_dataload.jar
- kyc.jar
- spring-web-5.3.19.jar
- spring-aspects-5.3.19.jar
- spring-context-5.3.19.jar
- spring-expression-5.3.19.jar
- spring-tx-5.3.19.jar
- spring-core-5.3.19.jar
- spring-jdbc-5.3.19.jar
- spring-beans-5.3.19.jar
- spring-aop-5.3.19.jar
- xerces.jar
- kycOnboarding.jar
- common.jar
- datamap.jar
- actionframework.jar
- admintools.jar
- kddcore.jar
- CTR.jar

### 5.3.9 Database Script Files

The following are the Database Script files impacted:

- delta\_plat8.1.2.1.0.cfg
- CR\_8.1.2.1.0\_33981210.mantas.sql
- mantas8.1.2.1.0\_delta.cfg
- CR\_8.1.2.1.0\_34047483.business.sql
- KYC/33981210\_MESSAGES\_EN\_US.sql
- KYC/34107704\_CUST\_SNAPSHOT.sql
- KYC/34107704\_FCC\_TPG\_CUST.sql

### 5.3.10 SH Files

The following are the SH files impacted:

- tp\_configurator.sh
- tp\_dataload.sh
- \$FIC\_HOME/BD\_Duplicate\_Jar\_Removal\_8121ML.sh
- \$FIC\_HOME/BD\_Duplicate\_Jar\_Removal\_8122ML.sh

### 5.3.11 XML Files

The following are the XML files impacted:

- tpconfig.xml
- OFS\_KYC\_RTExport\_AcceleratedRereview\_WithAomalyDetectionML.xml

### 5.3.12 Datamap Files

The following are the Datamap files impacted:

- Customer.xml
- AccountAddress.xml
- AccountEmailAddress.xml
- FrontOfficeTransaction.xml
- FrontOfficeTransactionParty.xml
- WireTransaction\_FrontOfficeTransaction.xml
- SettlementInstruction.xml
- DerivedAddress\_FrontOfficeTransactioPartyStageUpd.xml
- DerivedAddress\_FrontOfficeTransactioPartyStageInsert.xml
- AccountToCustomer.xml
- PartytoPartyRelationship.xml



- ExternalEntityProfile.xml
- AccountToCustomerChangeLogSummary.xml
- CustomerAddress.xml

### 5.3.13 Queries (Ingestion)

The following are the list of Ingestion Queries impacted :

- 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
- CustomerIdentificationDocument.STG\_CUSTOMER\_IDENTIFCTN\_DOC.sql
- PartytoPartyRelationship.STG\_PARTY\_PARTY\_RELATIONSHIP.sql

### 5.3.14 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.xsl
- merge\_Persistence.xsl
- merge\_web.xsl
- merge\_Menu.xsl

### 5.3.15 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.

## 6 APPENDIX B: OFS BD Version Compatibility List

Table 5 lists the OFS BD version compatibility with other products.

**Table 5: OFS BD Version Compatibility List**

OFS BD Version	OFSAAI Version	FSDf Version	OFS ECM Version
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

## **OFSAA Support Contact Details**

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