Oracle Financial Services Sanctions Pack

Installation Guide

Release 8.1.2.3.0

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Oracle Financial Services Sanctions Pack Installation Guide.

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Document Control

Table 1: Document Control

Revision Number	Revision Date	Change Log
1.0	December 2022	The first publication of this guide.

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1 About This Guide

Oracle Financial Services Sanctions Pack (OFS SP) 8.1.2.3.0 Installation Guide provides step-by-step instructions to install the OFS SP 8.1.2.3.0 Maintenance Level (ML) release.

The OFS SP 8.1.2.3.0 ML release includes all the bug fixes and minor enhancements since the GA (General Availability) release, 8.1.2.0.0.

1.1 How This Guide is Organized

This guide includes the following chapters:

- Chapter 2, *Pre-Installation*, provides details of the pre-installation requirements and the files packaged in this ML release.
- Chapter 3, *Applying This Maintenance Level Release*, details the steps to install the OFS SP 8.1.2.3.0 ML patch.
- Chapter 4, *Post-Installation Steps - Customer Screening*, provides details of the Customer Screening post Installation steps.
- Chapter 5, *Post-Installation Steps - Transaction Filtering*, provides details of the Transaction Filtering post Installation Steps.

1.2 Conventions

Table 1 lists the conventions used in this guide.

Table 1: Conventions Used in this Guide

Conventions	Description
Italics	• Names of books, chapters, and sections as references • Emphasis
Bold	• The object of an action (menu names, field names, options, button names) in a step-by-step procedure • Commands typed at a prompt • User input
`Monospace`	• Directories and subdirectories • File names and extensions • Process names • Code sample, including keywords and variables within the text and as separate paragraphs, and user-defined program elements within the text
Asterisk	Mandatory fields in the User Interface
`<Variable>`	Substitute input value

1.3 Acronyms

Table 2 lists the acronyms used in this guide.

Table 2: Acronyms

Conventions	Description
ML	Maintenance Level
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
EAR / WAR	Enterprise Archive / Web Archive
ECM	Enterprise Case Management
MOS	My Oracle Support

2 Pre-Installation

> **NOTE** Before you run the patch, perform a backup of the Schema (Atomic and Config), `FIC_HOME`, and `ftpshare` directories.

> **NOTE** If the Behavior Detection Application Pack version 8.1.2.3.0 patch to be installed on Sanctions Pack Version 8.1.2.0.0, or later, then follow these steps:
>
> - `create table KDD_BUS_DMN_TEMP as (select * from KDD_BUS_DMN);`
> - `UPDATE KDD_BUS_DMN SET TF_BUS_DMN_NM=NULL; commit;`

1. The OFS Sanctions Application Pack v8.1.2.0.0 must be installed.
2. Download and install the following mandatory patches from My Oracle Support by searching the patch under the Patches & Updates tab:

- Bug 34647700 - OFS ECM 8.1.2.3.0 : 8.1.2.0.0 ML RELEASE #3

> **NOTE** Download and install the above patch if the ECM is installed on the same pack.

- Bug 34572960- OFSAA 8.1.2.0.0 AAI ML RELEASE #2 8.1.2.2.0

2.1 Files Packaged in This ML Release

The list of files packaged in this ML release is as follows:

- Modified Files
- Data Model Files
- Build-related Files

2.1.1 Modified Files

The product files modified for this ML release are as follow

- .jar Files
- .html Files
- .js Files
- .css Files
- .jsp Files
- .txt Files
- .dxi Files
- .sh Files
- Message Type

2.1.1.1 .jar Files

- realTimeScreening.jar
- TFLTService.jar
- QueueService.jar
- TF_XML_QUEUE_POPULATION.jar
- TF_XML_HIGHLIGHT.jar
- TF_US_NACHA.jar
- TFLTTransformer.jar
- SEPARTCacheService.jar
- SEPAParser.jar
- SEPA_TFLTActions.jar
- SEPATFLTTransformer.jar
- FDTFLTTransformer.jar
- csprocessing.jar
- swiftService.jar
- fdService.jar
- TF_XML_XSD_CONF_UI.jarSEPA_TFLT_TransformerReTrigger.jar
- swiftRTCacheService.jar
- MergeUtility.jar
- sentry-djw-connector.jar

2.1.1.2 .html Files

- RiskSummary.html
- TFDetailScreen.html
- sectionDtls.html
- trxnDetails.html
- RTScreening.html
- QueueCreation.html
- QueueHome.html
- DetailScreen.html
- TFListScreening.html
- TFAuditScreen.html
- ListApprovalHistorySummary.html
- ListApprovalSummary.html
- Admin.html
- Jurisdiction.html
- ListScreening.html
- AuditScreen.html

- trxnDetails.html
- AlertSummaryTable.html
- SwiftConfigScreen.html
- 8.1.2.3.0 Vs 8.1.2.0.0 Transaction_Screening_DXI_Comparison Report.html
- 8.1.2.3.0 Vs 8.1.2.2.0 Watchlist_Management_DXI_Comparison Report.html
- 8.1.2.3.0 Vs 8.1.2.2.0 Customer_Screening_DXI_Comparison Report.html

2.1.1.3 .js Files

- TFDetailScreen.js
- RTScreening.js
- QueueCreation.js
- Admin.js
- AdminList.js
- AlertSummaryTable.js
- DetailScreen.js
- TFListScreening.js
- TFAuditScreen.js
- TFRelatedDetailScreen.js
- TFListScreeningHeader.js
- tfpagination.js
- ListApprovalSummary.js
- ListHistorySearch.js
- ListApprovalHistorySummary.js
- ListResponseSearch.js
- ListApprovalResponseSummary.js
- AutoAssignConfig.js
- AutoRelease.js
- SLAConfigrationScreen.js
- SwiftCutOffScreen.js
- ListSummarySearch.js
- Record Name.js
- Jurisdiction.js
- Identifier.js
- Origin Record Name.js
- Origin.js
- Origin Record ID.js
- AuditScreen.js

- ListScreening.js
- cspagination.js
- SwiftConfigScreen.js
- RestServiceList.js

2.1.1.4 .css Files

- override.css

2.1.1.5 .jsp Files

- QueueMessageConstants.jsp
- CSRTMessageConstants.jsp
- index.jsp
- TFLTMessageConstants.jsp
- index_admin.jsp
- indexqueue.jsp
- SwiftMessageConstants.jsp

2.1.1.6 .txt Files

- Customer_Screening_8.1.2.3.0_DXI_Readme.txt
- Watchlist_Management_8.1.2.3.0_DXI_Readme.txt

2.1.1.7 .dxi Files

- Watchlist_Management_8.1.2.3.0.dxi
- Customer-Screening_8.1.2.3.0.dxi

2.1.1.8 .sh Files

- CallImmediateXMLFeedbackCreation.sh
- CallImmediateXMLFeedbackFileCreation.sh
- UpdateAdditionalMsgDtls.sh
- nachaAdditionalDetails.sh
- nachaAlertGeneration.sh
- nachaedq.sh
- nachaEdqInputConfig.sh
- nachaFeedback.sh
- nachaIPEInputConfig.sh
- nachaParser.sh
- nachaPopulateQueue.sh
- NachaValidation.sh
- CallXMLAlertGeneration.sh
- CallXMLEDQ.sh

- `CallXMLHighlight.sh`
- `CallXMLParser.sh`
- `CallXMLPopulateQueue.sh`
- `CallXMLRTIPopulation.sh`
- `CallXMLStructuredSepa.sh`
- `ant.sh`

2.1.1.9 Message Type

- MT300.sql
- MT304.sql
- MT305.sql
- MT306.sql
- MT515.sql
- MT536.sql
- MT537.sql
- MT540.sql
- MT541.sql
- MT542.sql
- MT543.sql
- MT544.sql
- MT545.sql
- MT546.sql
- MT547.sql
- MT548.sql
- MT564.sql
- MT566.sql
- FDBTR1000.sql
- FDBTR1002.sql
- FDBTR1008.sql
- FDBTR1500.sql
- FDBTR1600.sql
- FDBTR1602.sql
- FDCTP1000.sql
- FDCTP1002.sql
- FDCTP1008.sql
- FDCTP1600.sql

- FDCTP1602.sql

> **NOTE**
> - Take a backup of the above mentioned files as a precautionary measure.
> - If any customizations done to these files, they need to be re-applied.

2.1.2 Data Model Files

The updated data model file impacting the data for this ML is as follows:

- `CS_DataModel.xml`

> **NOTE**
> - Take a backup of the Atomic and Config Schema as a precautionary measure.
> - Take a backup of above mentioned files. If any customizations done to these files, they need to be re-applied.

2.1.3 Build-related Files

The build-related files added for this ML release are as follows:

- Webroot/QueueManagement folder
- Webroot/CustomerScreening folder
- Webroot/TransactionFilteringZipper folder

3 Applying This Maintenance Level Release

To apply this ML release, follow these steps:

> **NOTE** The following files are required for the patch utility to work:
>
> - merge_wsdd.xsl
> - merge_Persistence.xsl
> - merge_web.xsl
> - merge_Menu.xsl

1. Load the **.profile** and make sure that `$FIC_HOME` directory corresponds to the proper environment where the patch application is required.

   > **NOTE** The FIC server must be up and running.

2. Start the OFSAAI Services.
3. Download and copy the `34726419_GENERIC.zip` file (in Binary mode) to the server where OFSAAI is installed.
4. Navigate to the `<USER_PATCH_DIR>` directory and extract the contents of the patch archive file using the following command:

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

   For example: `unzip -a 34726419_GENERIC.zip`.

   > **NOTE**
   >
   > - `<USER_PATCH_DIR>` is the directory containing the `<patch>.zip` file copied in step 3.
   > - The `-a` option is mandatory to unzip the patch. In case, you receive an error message `unzip; not found [No such file or directory]` when the package is not installed, contact your *UNIX Administrator.*

   The list of files available when you unzip the folder are as follows:

   - PatchConfig.xml
   - Sanctions_DataModel.xml
   - install.sh
   - Setup.bin
   - validateXMLInputs.jar
   - Readme_OFS_Sanctions_8.1.2.3.0.htm

5. Navigate to the `<USER_PATCH_DIR>/34726419/bin` directory and grant 755 permission using the following command:

   ```
   $ chmod 755 *
   ```

6. Navigate to `<USER_PATCH_DIR>/34726419/conf/PatchConfig.xml` directory and provide the following place holder values

- ##SCHEMA_OUT_XML_PATH## - This attribute refers to the path which needs to be pointed to OFS_SANC_SCHEMA_OUTPUT.xml, which was generated at the time of installation.

7. Install the patch by executing the following install.sh command:

   ```
   $ ./install.sh
   ```

8. Check if the ML release is applied successfully by verifying the patch install logs under the <USER_PATCH_DIR>/34726419/logs directory. Contact My Oracle Support in case of any errors.
9. After the patch is installed successfully, re-create the OFSAA EAR/WAR file and re-deploy a new EAR/WAR file on the web application server.
10. Restart the OFSAA Application server and the web server.

    For more information on the application configuration, see *Administration Guide* on OHC.

NOTE Once installation is successful, execute the following script in the atomic schema:

- ALTER TABLE KDD_BUS_DMN add TF_BUS_DMN_NM varchar2(20 CHAR);
- Copy data from table KDD_BUS_DMN_TEMP to table KDD_BUS_DMN against column TF_BUS_DMN_NM

4 Post-Installation Steps - Customer Screening

This section provides the post installation steps for the Customer Screening application.

To perform the post-installation activities, follow these steps:

1. Once the patch is installed successfully, re-create the `ear & war file` by executing `./ant.sh` file for sanctions under `$FIC_WEB_HOME` folder.
2. Copy the `##EDQ_INSTALLATION_PATH##/edq/oracle.edq/jmxtools.jar` file into the `##FIC_DB_HOME##/lib` folder.
3. Navigate to `$FIC_HOME/Customer_Screening folder` and copy the `Customer_Screening_8.1.2.3.0.dxi` file to the local setup.
4. Open EDQ and import the `Customer_Screening_8.1.2.3.0.dxi` file from the local directory.
5. To configure the Security Mapping, do the necessary configurations in the `fcc_zcs_security_attr_grp_map` table for Customer Screening.
6. To configure the Priority of Alert, do the necessary configurations in the `fcc_zcs_alert_priority_conf` table for Customer Screening.
7. To configure the temporary and permanent directories to save the uploaded documents, set the `DOCUMENT_UPLOAD_TEMP` and `DOCUMENT_UPLOAD_SAVE` parameters in the CONFIGURATION table of the `Config Schema` as shown in the Table 3.

   Table 3 provides the list of parameter value examples .

   Table 3: Parameter Value Examples

Parameter Name	Parameter Value
DOCUMENT_UPLOAD_SAVE	/DocStorage
DOCUMENT_UPLOAD_TEMP	/Temp

   For more details, see the 10.1.1 Configure Document Upload Location Properties section in Oracle Financial Services Analytical Applications Infrastructure Administration and Configuration Guide.
8. Restart the servers.
9. Execute the following command in `Config Schema`:

   ```
   GRANT SELECT ON cssms_group_mast_pack TO ##atomic_user##
   ```
10. Login as system user and use the following command:

    ```
    grant execute on dbms_crypto to ##atomic_user##
    ```
11. Navigate to `$FIC_HOME/utility/AppPckMastSynch/bin` directory and follow the below steps:
    a. Open the shell `AppPckMastSynch.sh` file.
    b. Replace the token `$PackName` to `OFS_SANC_PACK`.
    c. Execute the shell file as below:

    ```
    $ ./AppPckMastSynch.sh
    ```

12. After the execution is complete, replace `OFS_SANC_PACK` to `$PackName` in `AppPckMast-Synch.sh` file and close the file.

5 Post-Installation Steps - Transaction Filtering

This section provides the post installation steps for the Transaction Filtering application.

To perform the post-installation activities, follow these steps:

1. Once the patch is installed successfully, re-create the `ear & war file` by executing `./ant.sh` file for sanctions under `$FIC_WEB_HOME` directory.
2. Navigate to the `$FIC_HOME/Transaction_Processing` folder and re-create the `ear & war file` by executing the `./ant.sh for TFLT` file in the same path.
3. Navigate to the `$FIC_HOME/Fedwire_Processing` folder and execute the `ant.sh file` and then deploy the `FEDTFLT.ear` or `FEDTFLT.war` file.
4. Navigate to the `$FICHOME/Sepa_Real_Time_Processing` folder and execute the `ant.sh` file and then deploy the `SEPATFLT.ear` or `SEPATFLT.war` file.
5. Navigate to the `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_Swift_8.0.8.2.0.xml` file. (See the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Swift_8.0.8.2.0.xml` file.)
6. Navigate to the `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_Sepa_8.0.8.2.0.xml` file. (See the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Sepa_8.0.8.2.0.xml` file.)
7. Navigate to the `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_Nacha_8.0.8.2.0.xml` file. (See the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Nacha_8.0.8.2.0.xml` file.)
8. Navigate to the `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_AutoRelease_8.0.8.2.0.xml` file. (See the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Nacha_8.0.8.2.0.xml` file.)
9. Navigate to the `$FIC_HOME/Sepa_Real_Time_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_SEPA_RT.xml` file. (See the post installation steps section in the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_SEPA_RT.xml` file.)
10. Navigate to the `$FIC_HOME/ficdb/conf for the transaction-screening-batch.properties` folder and configure according to your requirements.
11. For deploying repository and catalog, see the Deploying Analytic Reports and Threshold Analyzer section in the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0.
12. Navigate to the `$FIC_HOME/SanctionsCommon` folder and copy the `config.zip` file to the local setup.
13. Unzip `config.zip` file. Copy the files inside each folder of `config` file into the corresponding folders under `oedq.local.home` folder.

14. Navigate to the `$FIC_HOME/SanctionsCommon` folder and copy the `Watchlist_Management_8.1.2.3.0.dxi` file to the local setup.
15. Open EDQ and import the `Watchlist_Management_8.1.2.3.0.dxi` file from the local setup.
16. Navigate to the `$FIC_HOME/Transaction_Processing/EDQDXIFiles` folder and import `Transaction_Screening_8.1.2.3.0.dxi` file into the EDQ directory. (See the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on how to import `Transaction Screening.dxi` file in EDQ.)
17. Navigate to the `$FIC_HOME/Transaction_Processing/EDQDXIFiles` folder and import `Transaction_Screening_Batch_8.1.2.0.0.dxi` file into the EDQ directory. (See the OFS Sanctions Pack Installation and Configuration Guide 8.0.8.0.0 for more information on how to import `Transaction Screening.dxi` file in EDQ.)

    If the `Weblogic` version is 12.1.3.0.0, make the following change in the `Context-jmx.xml` application in the path:

    ```
    <Installed Area>/realtime_processing/WebContent/conf/applicationContext-jmx.xml\
    ```

    Actual:

    ```
    <map>
    <entry key="realtime:name=StatsManager" value-ref="statMgrBean" />
    <entry key="realtime:name=LogConfig" value-ref="logRuntimeConfigBean" />
    ```

    Change to:

    ```
    <map>
    <entry key="realtime1:name=StatsManager" value-ref="statMgrBean" />
    <entry key="realtime1:name=LogConfig" value-ref="logRuntimeConfigBean" />
    ```

    NOTE After creating the Fedwire `ear & war` files, revert the changes.

18. To configure the Security Mapping, do the necessary configurations in the `domain_jur_grp_map` table for the Transaction Filtering.
19. To configure the Priority of Alert for Transaction Filtering, do the following necessary configurations:

    Select `t.v_attribute_value1` from `setup_rt_params t where t.n_param_identifier=34;`

20. To configure the temporary and permanent directories to save the uploaded documents, set the `DOCUMENT_UPLOAD_TEMP` and `DOCUMENT_UPLOAD_SAVE` parameters in the CONFIGURATION table of the `Config Schema` as shown in the Table 4.

    Table 4 provides the list of parameter value examples .

Table 4: Parameter Value Example

Parameter Name	Parameter Value
DOCUMENT_UPLOAD_SAVE	/DocStorage
DOCUMENT_UPLOAD_TEMP	/Temp

For more details, see the 10.1.1 Configure Document Upload Location Properties section in Oracle Financial Services Analytical Applications Infrastructure Administration and Configuration Guide.

21. Restart the servers.
22. Execute the following command in `Config Schema`:

    ```
    GRANT SELECT ON cssms_group_mast_pack TO ##atomic_user##
    ```

23. Login as system user and use the following command:

    ```
    grant execute on dbms_crypto to ##atomic_user##
    ```

24. Navigate to `$FIC_HOME/utility/AppPckMastSynch/bin` directory and follow the below steps:
    a. Open the shell `AppPckMastSynch.sh` file.
    b. Replace the token `$PackName` to `OFS_SANC_PACK`.
    c. Execute the shell file as below:

    ```
    $ ./AppPckMastSynch.sh
    ```

25. After the execution is complete, replace `OFS_SANC_PACK` to `$PackName` in `AppPckMastSynch.sh` file and close the file.

6 Post-Installation Steps - Pack on Pack

This section provides the pack on pack, post installation steps for Sanctions application pack.

To perform the pack on pack post installation of the Sanctions application pack above the ECM application pack, execute the following queries in the Config Schema:

NOTE ECM application pack version 8.1.2.0.0 must be already installed.

```
MERGE INTO AAI_AOM_APP_COMP_ATTR_MAPPING T USING ( SELECT '1' APP_COM-
P_ATTR_MAP_ID, '1' N_ATTRIBUTE_ID, 'Action' V_ATTR_CODE, '1002' N_ATTR_-
TYPE_ID, 'select t.action_cd,t.action_nm from kdd_action t where
t.action_category_code is not null and t.action_category_code not in
(''ENT'',''PR'',''EXP'',''AS'',''DD'', ''OBS'')' V_ATTRIBUTE_VALUE1, ''
V_ATTRIBUTE_VALUE2,'OFS_NGECM' N_APP_ID, '-1' N_COMP_ID, '' V_UDP_CODE,
''V_ATTR_CONTROL_TYPE FROM DUAL) S

ON ( T.APP_COMP_ATTR_MAP_ID = S.APP_COMP_ATTR_MAP_ID AND T.N_APP_ID =
S.N_APP_ID )

WHEN NOT MATCHED THEN INSERT

(APP_COMP_ATTR_MAP_ID,N_ATTRIBUTE_ID,V_ATTR_CODE,N_ATTR_TYPE_ID,V_ATTRIB
UTE_VALUE1,V_ATTRIBUTE_VALUE2,N_APP_ID,N_COMP_ID,V_UDP_CODE,V_ATTR_CON-
TROL_TYPE)VALUES

(S.APP_COMP_ATTR_MAP_ID,S.N_ATTRIBUTE_ID,S.V_ATTR_CODE,S.N_ATTR_TYPE_ID,
S.V_ATTRIBUTE_VALUE1,S.V_ATTRIBUTE_VALUE2,S.N_APP_ID,S.N_COMP_ID,S.V_UD-
P_CODE,S.V_ATTR_CONTROL_TYPE)

/

MERGE INTO AAI_AOM_APP_COMP_ATTR_MAPPING T USING ( SELECT '2' APP_COM-
P_ATTR_MAP_ID, '2' N_ATTRIBUTE_ID, 'Status' V_ATTR_CODE, '1002' N_ATTR_-
TYPE_ID, 'select t.status_cd,t.status_nm from kdd_status t where
t.viewd_result_status_cd is null or  t.viewd_result_status_cd <>
''OBS''' V_ATTRIBUTE_VALUE1, '' V_ATTRIBUTE_VALUE2,'OFS_NGECM' N_APP_ID,
'-1' N_COMP_ID, '' V_UDP_CODE, ''V_ATTR_CONTROL_TYPE FROM DUAL) S

ON ( T.APP_COMP_ATTR_MAP_ID = S.APP_COMP_ATTR_MAP_ID AND T.N_APP_ID =
S.N_APP_ID )

WHEN NOT MATCHED THEN INSERT

(APP_COMP_ATTR_MAP_ID,N_ATTRIBUTE_ID,V_ATTR_CODE,N_ATTR_TYPE_ID,V_ATTRIB
UTE_VALUE1,V_ATTRIBUTE_VALUE2,N_APP_ID,N_COMP_ID,V_UDP_CODE,V_ATTR_CON-
TROL_TYPE)VALUES

(S.APP_COMP_ATTR_MAP_ID,S.N_ATTRIBUTE_ID,S.V_ATTR_CODE,S.N_ATTR_TYPE_ID,
S.V_ATTRIBUTE_VALUE1,S.V_ATTRIBUTE_VALUE2,S.N_APP_ID,S.N_COMP_ID,S.V_UD-
P_CODE,S.V_ATTR_CONTROL_TYPE)

/

MERGE INTO AAI_AOM_APP_COMP_ATTR_MAPPING T USING ( SELECT '9' APP_COM-
P_ATTR_MAP_ID, '9' N_ATTRIBUTE_ID, 'NextStatus' V_ATTR_CODE, '1002'
N_ATTR_TYPE_ID, 'select t.status_cd,t.status_nm from kdd_status t where
t.viewd_result_status_cd is null or  t.viewd_result_status_cd <>
```

```
''OBS''' V_ATTRIBUTE_VALUE1, '' V_ATTRIBUTE_VALUE2,'OFS_NGECM' N_APP_ID,
'-1' N_COMP_ID, '' V_UDP_CODE, ''V_ATTR_CONTROL_TYPE FROM DUAL) S

ON ( T.APP_COMP_ATTR_MAP_ID = S.APP_COMP_ATTR_MAP_ID AND T.N_APP_ID =
S.N_APP_ID )

WHEN NOT MATCHED THEN INSERT

(APP_COMP_ATTR_MAP_ID,N_ATTRIBUTE_ID,V_ATTR_CODE,N_ATTR_TYPE_ID,V_ATTRIB
UTE_VALUE1,V_ATTRIBUTE_VALUE2,N_APP_ID,N_COMP_ID,V_UDP_CODE,V_ATTR_CON-
TROL_TYPE)VALUES

(S.APP_COMP_ATTR_MAP_ID,S.N_ATTRIBUTE_ID,S.V_ATTR_CODE,S.N_ATTR_TYPE_ID,
S.V_ATTRIBUTE_VALUE1,S.V_ATTRIBUTE_VALUE2,S.N_APP_ID,S.N_COMP_ID,S.V_UD-
P_CODE,S.V_ATTR_CONTROL_TYPE)

/
```

OFSAA Support Contact Details

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