

Oracle® Financial Services Sanctions Pack

Installation Guide



Release 8.1.2.12.0

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ORACLE®

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Document Control

Table Revision History

Date	Edition	Description
1.0	July 2026	The first publication of this guide.

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About This Guide

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

The Oracle Financial Services Sanctions Pack ML release includes all the bug fixes and minor enhancements since the GA (General Availability) release, 8.1.2.0.0.

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 Oracle Financial Services Sanctions Pack ML patch.
- [Chapter 5, Post-Installation Steps - Customer Screening](#), provides details of the Customer Screening post Installation steps.
- [Chapter 6, Post-Installation Steps - Transaction Filtering](#), provides details of the Transaction Filtering post Installation Steps.
- [Post-Installation Steps - Pack on Pack](#) provides the pack on pack, post installation steps for Sanctions application pack.
- [Post-Installation Scripts to Remove TF Application Groups](#) provides the Scripts to Remove TF Application Groups after the installation of the sanctions application.
- [Technology Stack Qualification Matrix FCCM 8.1.2.12.0](#) describes the technology stack qualification with FCCM 8.1.2.12.0.

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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.

Convention	Meaning
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Acronyms

Table 1-1 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

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Pre-Installation

① Note

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

① Note

If the Behavior Detection Application Pack version 8.1.2.6.0 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 downloaded from [Edelivery](#) and installed.
2. Download and install the following mandatory patches from [My Oracle Support](#) by searching the patch under the Patches & Updates tab:
 - Bug 38681161 - OFSAA 8.1.2.0.0 AAI ML Release #6 (8.1.2.6.0) (OFSAAI).
 - OFS Sanctions Bug 39107415 - OFS Sanctions 8.1.2.12.0 ML Release.
 - Bug 39025972 - OFS ECM Application Pack v8.1.2.0.0 Minor Release 8.1.2.12.0.

① Note

Download and install the above patch if the ECM Application is installed on the same pack.

- Bug 39073828 - OFS BD Application Pack v8.1.2.0.0 Minor Release 8.1.2.12.0

① Note

Download and install the above patch if the BD Application is installed on the same pack.

3. The Patch will add primary key to the stg_party_party_relationship table. Before installing this patch make sure the default value (MSG) is present in the v_relationship_type_code column.

2.1 Files Packaged in This ML Release

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

- [Modified 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](#)
- [.xml](#)
- [.xsl](#)
- [Message Type](#)

.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
- csprocessing.jar
- SEPA_TFLT_TransformerReTrigger.jar
- swiftRTCacheService.jar
- SEPATFLTTransformer.jar
- FDTFLTTransformer.jar
- swiftService.jar
- MergeUtility.jar
- sentry-djw-connector.jar
- SEPA_TFLTActions.jar
- SwiftRegexParser.jar
- TF_XML_XSD_CONF_UI.jar

- CS_EDQ_CALL.jar
- fdService.jar
- TF_XML_LOGGER.jar
- TFLTTransformerAudit.jar
- TFLTActions.jar
- FDTFLTActions.jar
- TFLTTransformerReTrigger.jar
- FDTFLTTransformerReTrigger.jar
- TF_XML_PARSER.jar
- fccm-simulation-common-ipe.jar
- fccm-simulation-common-logger.jar
- fccm-simulation-common-aaiapi.jar
- fccm-simulation-tf.jar
- TF_XML_IMMEDIATE_FEEDBACK.jar
- TF_XML_FINAL_FEEDBACK.jar
- swiftParser.jar
- TF_XML_ALERT_GENERATION.jar

.html Files

- RiskSummary.html
- TFDetailScreen.html
- sectionDtls.html
- txnDetails.html
- RTScreening.html
- QueueCreation.html
- DetailScreen.html
- AuditScreen.html
- ListScreening.html
- AlertSummaryTable.html
- TFListScreening.html
- ListApprovalSummary.html
- ListApprovalHistorySummary.html
- SwiftConfigScreen.html
- 8.1.2.11.0 Vs 8.1.2.12.0 Watchlist_Management_DXI_Comparison Report.html
- 8.1.2.12.0 Vs 8.1.2.8.0 Customer_Screening_DXI_Comparison Report.html
- 8.1.2.11.0 Vs 8.1.2.12.0 Transaction_Screening_Batch_DXI_Comparison Report.html

- 8.1.2.11.0 Vs 8.1.2.12.0 Transaction_Screening_DXI_Comparison_Report.html Admin.html
- AdminFingerPrintScreen.html
- AdminScreenTabs.html
- WSDetailScreen.html
- TFAuditScreen.html
- AppLevelConfiguration.html
- AlertsHeaderList.html
- QueueHome.html
- WebServiceScreenNew.html
- tfpagination.html
- fccGridMessagePopup.html
- PanelHeader.html
- Table.html
- TFListScreeningHeader.html
- TFRelatedDetailScreen.html
- MessageAdditionalDetailsTreeLayout.html
- matchedSectionXMLDtls.html
- structXMLDtls.html

.js Files

- TFDetailScreen.js
- RTScreening.js
- QueueCreation.js
- Admin.js
- AdminList.js
- AlertSummaryTable.js
- DetailScreen.js
- AuditScreen.js
- ListScreening.js
- cspagination.js
- TFListScreening.js
- tfpagination.js
- SwiftConfigScreen.js
- RestServiceList.js
- main.js
- AdminFingerPrintScreen.js
- WSDetailScreen.js

- MessageAdditionalDetailsTreeLayout.js
- sectionDtls.js
- matchedSectionXMLDtls.js
- TFAuditScreen.js
- RiskSummary.js
- AppLevelConfiguration.js
- TFListScreeningHeader.js
- TFRelatedDetailScreen.js
- AutoAssignConfig.js
- WebServiceScreenNew.js
- csp-inline-handler-shim.js
- tfdetailscreen-inline-bootstrap.js
- fccGridMessagePopup.js
- index-bootstrap.js
- obi-report.js
- sectiondtls-templates.js
- risksummary-template.js
- AutoRelease.js
- Identifier.js
- Jurisdiction.js
- ListApprovalHistorySummary.js
- ListApprovalResponseSummary.js
- ListApprovalSummary.js
- ListHistorySearch.js
- ListResponseSearch.js
- ListSummarySearch.js
- Origin Record ID.js
- Origin Record Name.js
- Origin.js
- Record Name.js
- SLAConfigurationScreen.js
- SwiftCutOffScreen.js
- QueueHome.js
- CutOffConfiguration.js
- IdentificationDetails.js
- CountryDetails.js
- AliasDetails.js

.css Files

- `override.css`
- `zipper.css`
- `preferences.css`
- `alertsummary-inline.css`
- `csp-utilities.css`
- `index-inline.css`
- `tflistscreening-inline.css`
- `tfpagination-inline.css`
- `fccgridmsgpopup-inline.css`
- `tfdetailscreen-inline.css`
- `sectiondtls-inline.css`
- `msgadddtls-inline.css`
- `wsdetailscreen-inline.css`
- `tfrelateddetails-inline.css`
- `tfrelateddetails-inline.css`
- `tfauditscreen-inline.cs`
- `table-inline.css`
- `panelheader-inline.css`
- `tflistscreening-header-inline.css`
- `matchedsectionxmldtls-inline.css`
- `structxmldtls-inline.css`
- `trxndetails-inline.css`
- `risksummary-inline.css`

.jsp Files

- `QueueMessageConstants.jsp`
- `CSRTMessageConstants.jsp`
- `TFLTMessageConstants.jsp`
- `SwiftMessageConstants.jsp`
- `index.jsp`
- `CSMessageConstants.jsp`
- `index_admin.jsp`
- `fd_index_admin.jsp`
- `index_cutoff.jsp`
- `swift_mapping.jsp`
- `index_GoodGuyListDetls.jsp`

- `index_sepa_admin.jsp`
- `indexqueue.jsp`
- `index_appLevelConfiguration.jsp`
- `SEPAMessageConstants.jsp`

.txt Files

- `Watchlist_Management_8.1.2.11.0_DXI_Readme.txt`
- `Customer_Screening_8.1.2.11.0_DXI_Readme.txt`
- `Transaction_Screening_8.1.2.11.0_DXI_Readme.txt`
- `Transaction_Screening_Batch_8.1.2.11.0_DXI_Readme.txt`

.dxi Files

- `Watchlist_Management_8.1.2.11.0.dxi`
- `Customer_Screening_8.1.2.11.0.dxi`
- `Transaction_Screening_8.1.2.11.0.dxi`
- `Transaction_Screening_Batch_8.1.2.11.0.dxi`

.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`
- `OWSFileMigration.sh`

- `OWSFileInsert.sh`

.xml

- `RTIExport_TransactionFiltering_IPE_Assessments_Swift_8.1.2.4.0.xml`
- `RTIExport_TransactionFiltering_IPE_Assessments_SEPA_RT_8.1.2.4.0.xml`
- `Transaction_Processing/build.xml`
- `Fedwire_Processing/build.xml`
- `Sepa_Real_Time_Processing/build.xml`

.xsl

- `export_To_PDF_ZCS_fo.xsl`

Message Type

- `MT202COV.sql`
- `MT566.sql`
- `MT765.sql`
- `camt.052.001.08.sql`
- `camt.052.001.10.sql`
- `camt.053.001.08.sql`
- `camt.053.001.10.sql`
- `camt.054.001.08.sql`
- `camt.054.001.09.sql`
- `camt.054.001.10.sql`
- `camt.060.001.05.sql`
- `camt.060.001.06.sql`
- `camt.026.001.09.sql`
- `camt.027.001.09.sql`
- `camt.028.001.11.sql`
- `camt.029.001.11.sql`
- `camt.031.001.06.sql`
- `camt.032.001.04.sql`
- `camt.033.001.06.sql`
- `camt.038.001.04.sql`
- `camt.056.001.10.sql`
- `camt.087.001.08.sql`
- `camt.030.001.05.sql`
- `camt.034.001.06.sql`
- `pacs.002.001.13.sql`
- `pacs.007.001.12.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 Build-related Files

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

- DB_Install.xml
- INSERT_INFODOM_PATCHES.sql

Note

The below given files are required for the patch utility to work.

- merge_wsdd.xml
- merge_Persistence.xml
- merge_web.xml
- merge_Menu.xml

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_wd.xml
- merge_Persissdtence.xml
- merge_web.xml
- merge_Menu.xml

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 39107415_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 39107415_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
- install.sh
- Setup.bin

- validateXMLInputs.jar
 - OFS_Sanctions_8.1.2.12.0_Readme.htm
5. Navigate to the <USER_PATCH_DIR>/39107415/bin directory and grant 755 permission using the following command:


```
$ chmod 755 *
```
 6. Navigate to <USER_PATCH_DIR>/39107415/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.
 - FSDF_UPLOAD_MODEL- The value to this parameter should be 1 for pack on-pack or standalone.
 7. Navigate to <USER_PATCH_DIR>/ 39107415/conf/ params.conf directory and provide the following place holder values
 - WEBSERVER_TYPE=
 - WEBSERVER_VERSION=
 8. Install the patch by executing the following install.sh command: \$./install.sh
 9. Check if the ML release is applied successfully by verifying the patch install logs under the <USER_PATCH_DIR>/39107415/logs directory. Contact [My Oracle Support](#) in case of any errors.
 10. 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.
 11. Restart the OFSAA Application server and the web server.

For more information on the application configuration, see Administration Guide on [OHC](#).

Note

While installation, if you encounter the error:

```
kdd_bus_dmn.sql-----ORA-01430: column being added already exists in table
```

Execute the following statement and restart the installation:

```
ALTER TABLE KDD_BUS_DMN DROP COLUMN TF_BUS_DMN_NM;
```

Once the installation is completed perform the following step:

Copy data from table KDD_BUS_DMN_TEMP to table KDD_BUS_DMN against column TF_BUS_DMN_NM.

Note

For more information about Studio integration with Sanction for simulation-related features, see [Administration Guide](#)

4

Deploying FCCM Analytic Reports

This section describes how to deploy Analytics on Oracle Business Intelligence Enterprise Edition (ORACLE ANALYTIC SERVER (OAS) version 25.0) and integrate FCCM Analytic Reports in the OFSBD UI.

Topics:

- [Installing OAS Version 25.0](#)
- [Installing OAS Version 25.0 Windows Administration Client](#)
- [Disabling Cache Feature in OAS Version 25.0](#)
- [Change Default Repository Password](#)
- [Configuring OAS Version 25.0 Connection Pool](#)
- [Deploying OFS FCCM Report Analytics](#)
- [Disabling Single Sign On](#)
- [Enabling Table Authentication in OAS Version 25.0](#)

4.1 Installing OAS Version 25.0

To install the ORACLE ANALYTIC SERVER (OAS) version 25.0, follow these steps:

1. Download the software from [ORACLE ANALYTIC SERVER \(OAS\) 25.0 server](#).
2. After installation, get the Enterprise Manager URL, User name, Password, and ORACLE ANALYTIC SERVER (OAS) version 25.0 installed directory from your System Administrator.

Note

- You must map BI Admin Reporter Role with atomic schema INFODOM.
- BI Admin Reporter Role must be mapped to any group (for example, CASESUPERVISOR in case of Pack on Pack) that you need to provide.

4.2 Installing OAS Version 25.0 Windows Administration Client

Download and install [OAS Client](#) tool for 25.0.

4.3 Disabling Cache Feature in OAS Version 25.0

This section describes how to disable the Cache feature in the Oracle Analytic Server (OAS) version 25.0. To disable the Cache feature, follow these steps:

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.

4.4 Change Default Repository Password

Copy the FCCM81210.rpd from \$FIC_HOME/ORACLE_ANALYTIC_SERVER (OAS) 25.0/Repository to the Windows machine where the Oracle Analytic Server (OAS) 25.0 Windows Administration Client is installed.

To change the default password for the repository, follow these steps:

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 - FCCM81210.rpd window is displayed.
4. Enter default Repository password: FCCM\$81210.

To change the default password, follow these steps:

1. From the **File** menu, choose **Change Password**.
2. Enter the new password and click **OK**.

4.5 Configuring OAS Version 25.0 Connection Pool

This section describes how to configure the Oracle Analytic Server (OAS) version 25.0 Connection Pool. To configure the Connection Pool of the repository, follow these steps:

1. Open the same Repository (as in the previous step) on the Windows machine. The *Oracle BI Administration Tool - FCCM81210.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=<Database Name>))).
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:
 - KYC Analytics > Atomic Schema

Note

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

- UIC_73 > CaseMng Connection Pool > Atomic Schema
 - UIC_73 > Security Connection Pool > Atomic Schema
 - TA > Atomic Schema
 - CTRBI > Atomic Schema
 - ORCL > Atomic Schema
 - FCCM > Atomic Schema
 - FSI_TF > Atomic Schema
10. From the **File** menu, select **Save**. A confirmation message is displayed.
 11. Click **Yes**. The message: *Consistency check did not find any errors, warning or best practices violations is displayed..*
 12. Click **OK**.

4.6 Deploying OFS FCCM Report Analytics

This section describes how to deploy the OFS FCCM Report Analytics.

To deploy Reports Analytics, follow these steps:

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 HTML Content.
6. Click Restart.
7. Update the instanceconfig.xml file present in <Oracle Analytic Server (OAS) 25.0_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_ANALYTICS81210.bar** to the working location of OAS server.
- c. Copy **FCCM81210.rpd** into the working location of OAS server.
- d. Go to: <OAS 25.0 Home directory>/Oracle_Home/user_projects/domains/bi/bitools/bin.
- e. Execute the command:

```
./importarchive.sh ssi <working location>/
FCCM_ANALYTICS_FCCM_ANALYTICS81210.bar
encryptionpassword='<pwd>'
```

Note

FCCMAnalytics\$81210 is the new password.

10. Deploy FCCM81210.rpd.

- a. Navigate to the working directory and execute the following script:

```
<Oracle Analytic Server (OAS) 25.0_home>/user_projects/domains/bi/
bitools/bin/datamodel.sh uploadrpd -I FCCM81210.rpd -SI ssi -U <user>
-P <password>
```

11. Restart the services:

```
<DOMAIN_HOME>/bitools/bin/stop.sh
<DOMAIN_HOME>/bitools/bin/start.sh
```

4.7 Disabling Single Sign On

This section describes how to disable the Single Sign On feature.

To disable Single Sign On, follow these steps:

1. Execute the following command:

```
<Oracle Analytics Server 25.0_Home>/commemoration/common/bin/wlst.sh
disableBISingleSignOn('<Oracle Analytics Server 25.0_Home>/
user_projects/domains/bi')
```

4.8 Enabling Table Authentication in OAS Version 25.0

This section describes how to enable the Table Authentication feature in Oracle Analytic Server (OAS) 25.0.

To enable the Table Authentication feature, follow these steps:

1. Navigate to <DOMAIN_HOME(OAS Server Domain home)>/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 -i obips1
 - <DOMAIN_HOME>/bitools/bin/start.sh -i obips1

5

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/Custom_Screening folder and copy the Customer_Screening_8.1.2.12.0.dxi file to the local setup.
4. Open EDQ and import the Customer_Screening_8.1.2.12.0.dxi file from the local directory
5. Configure the Tomcat Connector (only applicable if webserver is Tomcat).
 - a. Navigate to the ##TOMCAT_INSTALLATION_PATH##/conf/server.xml file and locate the <Connector> element.
 - b. Update the Connector port as required for your deployment environment.
 - c. Add the following attributes to the Connector: relaxedPathChars="[]|", relaxedQueryChars="[]|{}^`"<>"; , URIEncoding="UTF-8"
 - d. These attributes help prevent RFC-compliant URL validation errors requests contain special characters.
 - e. Example :

```
<Connector port="38120"
protocol="HTTP/1.1"
connectionTimeout="20000"
redirectPort="8443"
maxParameterCount="1000"
relaxedPathChars="[]|"
relaxedQueryChars="[]|{}^`&quot;&lt;&gt;"
URIEncoding="UTF-8" />
```

6. To configure the Security Mapping, do the necessary configurations in the fcc_zcs_security_attr_grp_map table for Customer Screening.
7. To configure the Priority of Alert, do the necessary configurations in the fcc_zcs_alert_priority_conf table for Customer Screening.
8. 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 following table.

Table 5-1 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](#).

9. Restart the servers.
10. Execute the following command in Config Schema:

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

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

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

12. 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

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

To view the CS Reports menu, map CS Reports group to the user from the user-user group map and authorize it.

14. To view the DV Reports:
 - a. Create the application user in the OAS Weblogic Console.
 - b. From DV Console map the application role (CSANALYSTGRP) to the user created.

Note

- When prompted for the user credentials, log in with the above user created in the Weblogic Console.
- The Customer Screening application is now compliant with the Content Security Policy (CSP). For more information, see [OFSAAI Security Guide](#)

6

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 `$FIC_HOME/Fedwire_Processing` folder and execute the `ant.sh` file and then deploy the `FEDTFLT.ear` or `FEDTFLT.war` file.
4. Navigate to the `$FIC_HOME/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 `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_Swift_8.0.8.2.0.xml` file. (See the [OFS Sanctions Pack Installation and Configuration Guide](#) for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Swift_8.0.8.2.0.xml` file.)
6. Navigate to the `$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](#) for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Sepa_8.0.8.2.0.xml` file.)
7. Navigate to the `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_Nacha_8.0.8.2.0.xml` file. (See the [OFS Sanctions Pack Installation and Configuration Guide](#) for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Nacha_8.0.8.2.0.xml` file.)
8. Navigate to the `$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](#) for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_Nacha_8.0.8.2.0.xml` file.)
9. Navigate to the `$FIC_HOME/Sepa_Real_Time_Processing/IPEAssessmentImport` folder and import the `RTIExport_TransactionFiltering_IPE_Assessments_SEPA_RT.xml` file. (See the post installation steps section in the [OFS Sanctions Pack Installation and Configuration Guide](#) for more information on the `RTIExport_TransactionFiltering_IPE_Assessments_SEPA_RT.xml` file.)
10. Navigate to `$FIC_HOME/Transaction_Processing/IPEAssessmentImport` folder and Import the `RTIExport_TransactionFiltering_IPE_Assessments_Swift_8.1.2.4.0.xml` file.
11. Navigate to `$FIC_HOME/Sepa_Real_Time_Processing/IPEAssessmentImport` folder and Import the `RTIExport_TransactionFiltering_IPE_Assessments_SEPA_RT_8.1.2.4.0.xml` file.

12. For deploying repository and catalog, see the Deploying Analytic Reports and Threshold Analyzer section in the [OFS Sanctions Pack Installation and Configuration Guide](#).
13. Navigate to \$FIC_HOME/utility/AppPckMastSynch/bin folder and open AppPckMast-Synch.sh file. Update the \$PackName to respective pack ID and save the file.
14. Execute this AppPckMastSynch.sh file using ./AppPckMastSynch.sh.
15. Navigate to the \$FIC_HOME/SanctionsCommon folder and copy the config.zip file to the local setup.
16. Unzip config.zip file. Copy the files inside each folder of config file into the corresponding folders under oedq.local.home folder.
17. Open EDQ and import the Transaction_Screening_8.1.2.11.0.dxi and Transaction_Screening_Batch_8.1.2.11.0.dxi from the local setup.
18. Navigate to the \$FIC_HOME/SanctionsCommon folder and copy the Watchlist_Management_8.1.2.11.0.dxi file to the local setup.
19. Open EDQ and import the Watchlist_Management_8.1.2.11.0.dxi file from the local setup.
20. Navigate to the \$FIC_HOME/Transaction_Processing/EDQDXIFiles folder and import Transaction_Screening_8.1.2.11.0.dxi file into the EDQ directory. (See the [OFS Sanctions Pack Installation and Configuration Guide](#) for more information on how to import Transaction Screening.dxi file in EDQ.)
21. Navigate to the \$FIC_HOME/Transaction_Processing/EDQDXIFiles folder and import Transaction_Screening_Batch_8.1.2.11.0.dxi file into the EDQ directory. (See the [OFS Sanctions Pack Installation and Configuration Guide](#) for more information on how to import Transaction Screening.dxi file in EDQ.)
22. To configure the Security Mapping, do the necessary configurations in the domain_jur_grp - map table for the Transaction Filtering.
23. 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;
24. Update the Business Domain and Jurisdiction parameter values by verifying the configuration using the query below-

```
SELECT V_PARAM_NAME, V_ATTRIBUTE_VALUE1
FROM SETUP_RT_PARAMS
WHERE N_PARAM_IDENTIFIER IN (10,11,34);
```

25. Update the Business Domain and Jurisdiction values for SEPA messages by executing the following SQL-

```
UPDATE FCC_TF_XML_SCRENG_XPATH_GRP
SET V_JURISDICTION = 'ALL',
    V_BUSINESS_DOMAIN = 'All';

UPDATE FCC_TF_XML_SCRENG_FLD_XPATH
SET V_JURISDICTION = 'ALL',
    V_BUSINESS_DOMAIN = 'All';
```

Note

The values used in the update queries are for illustrative purposes only. Replace them with the values appropriate for your environment before executing the queries.

26. 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 following table.

Table 6-1 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](#).

27. Restart the servers.
28. Execute the following command in Config Schema:


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


```
grant execute on dbms_crypto to ##atomic_user##
```
30. 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
31. After the execution is complete, replace OFS_SANC_PACK to \$PackName in AppPckMast-Synch.sh file and close the file.
32. To view the DV Reports:
 - a. Create the application user in the OAS Weblogic Console.
 - b. From DV Console map the application role (TFANALYSTGRP) to the user created.

Note

- When prompted for the user credentials, log in with the above user created in the Weblogic Console.
- The Transaction Filtering application is now compliant with the Content Security Policy (CSP). For more information, see [OFSAAI Security Guide](#)

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_COMP_
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_CONTROL_
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_UDP_
CODE,S.V_ATTR_CONTROL_TYPE)
/
MERGE INTO AAI_AOM_APP_COMP_ATTR_MAPPING T USING ( SELECT '2' APP_COMP_
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_CONTROL_
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_UDP_
CODE,S.V_ATTR_CONTROL_TYPE)
/
MERGE INTO AAI_AOM_APP_COMP_ATTR_MAPPING T USING ( SELECT '9' APP_COMP_
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_CONTROL_
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_UDP_
CODE,S.V_ATTR_CONTROL_TYPE)
/
```

8

Post-Installation Scripts to Remove TF Application Groups

This section provides the Scripts to Remove TF Application Groups after the installation of the sanctions application.

Execute the below script to remove the TF application group:

```
delete from CSSMS_USR_GROUP_DSN_MAP_UNAUTH where v_group_code in (select
v_group_code from CSSMS_USRGRP_DSN_UNAUTH_PACK where v_app_id = 'OFS_TFLT'
and v_group_code like 'TF%');
delete from CSSMS_USRGRP_DSN_UNAUTH_PACK where v_app_id = 'OFS_TFLT' and
v_group_code like 'TF%';
delete from CSSMS_USR_GROUP_DSN_SEG_MAP where v_group_code in (select
v_group_code from CSSMS_USR_GROUP_DSN_MAP_PACK where v_app_id = 'OFS_TFLT'
and v_group_code like 'TF%');
delete from CSSMS_USR_GROUP_DSN_MAP_PACK where v_app_id = 'OFS_TFLT' and
v_group_code like 'TF%';
delete from CSSMS_GROUP_ROLE_MAP_UNAUTH where v_group_code in (select
v_group_code from CSSMS_GRP_ROLE_MAP_UNAUTH_PACK where v_app_id = 'OFS_TFLT'
and v_group_code like 'TF%');
delete from CSSMS_GRP_ROLE_MAP_UNAUTH_PACK where v_app_id = 'OFS_TFLT' and
v_group_code like 'TF%';
delete from cssms_group_role_map where V_GROUP_CODE in (select V_GROUP_CODE
from cssms_group_role_map_pack where v_app_id = 'OFS_TFLT');
delete from cssms_group_role_map_pack where v_app_id = 'OFS_TFLT';
delete from DOCUMENT_USER_GROUP_MAP where v_usergroup_id in (select
v_group_code from CSSMS_GROUP_MAST_PACK where v_app_id = 'OFS_TFLT' and
v_group_code like 'TF%');
delete from CSSMS_GROUP_MAST where v_group_code in (select v_group_code from
CSSMS_GROUP_MAST_PACK where v_app_id = 'OFS_TFLT' and v_group_code like
'TF%');
delete from CSSMS_GROUP_MAST_PACK where v_app_id = 'OFS_TFLT' and
v_group_code like 'TF%';
delete from cssms_role_function_map where exists (select 1 from
cssms_role_function_map_pack where cssms_role_function_map.v_function_code =
cssms_role_function_map_pack.v_function_code
and cssms_role_function_map.V_ROLE_CODE =
cssms_role_function_map_pack.V_ROLE_CODE and v_app_id = 'OFS_TFLT');
delete from cssms_role_function_map_pack where v_app_id = 'OFS_TFLT';
delete from CSSMS_ROLE_MAST_PACK where v_app_id = 'OFS_TFLT';
delete from CSSMS_FUNCTION_MAST_PACK where v_app_id = 'OFS_TFLT';
```

A

Technology Stack Qualification Matrix FCCM 8.1.2.12.0

This appendix describes the technology stack qualification with FCCM 8.1.2.12.0.

Table A-1 Technology Stack Qualification Matrix FCCM 8.1.2.12.0

Application Pack	OFSA Version	OS Version	Oracle Database/ Client Version	Java Version	Webserver Version	HTTP/ HTTP2
Sanctions Pack 8.1.2.12	8.1.2.6.0	Linux 8, Linux 9	- Oracle 19c - Oracle 23.26	Java 8	- WebLogic c 12.x - WebLogic c 14.1.1 - Tomcat 9 (Only for Customer Screening) - WebSphere 9	HTTP
				Java 11	- WebLogic c 12.x - WebLogic c 14.1.1 - Tomcat 9 (Only for Customer Screening) - WebSphere 9	HTTP2 (WIP)

Table A-1 (Cont.) Technology Stack Qualification Matrix FCCM 8.1.2.12.0

Application Pack	OFSA Version	OS Version	Oracle Database/ Client Version	Java Version	Webserver Version	HTTP/ HTTP2
				Java 17	- WebLogic 14.1.2 - WebLogic 15.1.1 - Tomcat 9 (Only for Customer Screening) - Tomcat 10 (Only for Customer Screening)	HTTP2 (WIP)

Note

- The Solaris operating system and the WebSphere web server are not supported with Sanctions Pack 8.1.2.12.0.
- For Transaction Filtering, Tomcat as webserver not applicable.