Oracle® FCCM Customer Screening Cloud Service

OWS Migration

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Oracle FCCM Customer Screening Cloud Service OWS Migration, Release 25.03.01

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Contents

Preface

OWS Migration describes how to migrate Oracle Watchlist Screening (OWS) to Oracle Financial Crime and Compliance Management Customer Screening Cloud Service.

Audience

This document is intended for users who are responsible for provisioning and activating Oracle Customer Screening Cloud services or for adding other users who would manage the services, or for users who want to develop Oracle Cloud applications.

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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.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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1

Overview

This topic provides step-by-step procedure to migrate Oracle Watchlist Screening (OWS) to Customer Screening (CS).

The existing Oracle Watchlist Screening (OWS) customer data must be migrated to Oracle Financial Services Customer Screening (OFS CS) cloud application.

The OWS User Application provides Watchlist Management for a number of free and commercial watchlists and has default matching rules for Entity and Individual Sanctions and Politically Exposed Persons (PEPs) and for Country Prohibitions. For more information on OWS, see Oracle Watchlist Screening Implementation Guide.

Oracle clients using OWS must migrate the cases from OWS to OFS CS cloud while the OWS-related components and processes continue. Migrating the data from the OWS to CS provides continued functionality to the existing OWS clients without any data loss.

Following customer data are migrated from OWS to CS during the migration process:

- Closed cases
- Alerts
- Watchlist data associated with Case or Alert
- Customer data associated with Case or Alert
- Comments and audit history

The following data are not migrated from OWS to CS during the migration process:

- The OWS Workflow is not migrated
- The EDQ rules are not migrated

> **Note:**
>
> - Migrating the cases from OWS to OFS CS is a one-time activity
> - EDQ version 12.2.1.4.0 must be installed

2 Prerequisites

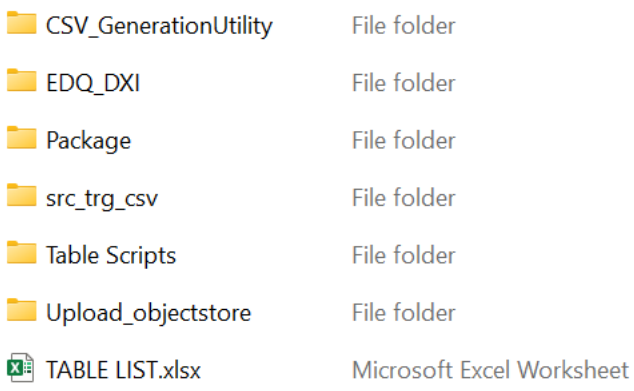
This topic provides prerequisite information for migrating OWS to CS.

- Download the 37318879 patch from the MOS page and extracted to the local drive.

> **Note:**
>
> This patch is password-protected. To get the password, reach out to the support team.

The extracted patch file contains the folders as follows:

Figure 2-1 OWS Migration patch file



> **Note:**
>
> The extracted OWS migration file directory is referred as <OWS_Migration_Extracted_Path>.

- On the OWS application:
  - You set the cases status either **Resolved** or **Closed**.
  - You must set the Event alert status either **True Positive** or **False Positive** or **Open**.
- You must install EDQ Version 12.2.14 or higher.

3

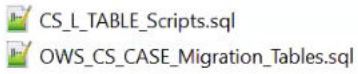
Implementation Steps for Data Migration from OWS to CS

This topic describes step-by-step instruction to migrate data from OWS to CS.

To migrate data from OWS to CS:

1. Create an empty schema in a Database where you can extract the OWS data.
2. Navigate to the `<OWS_Migration_Extracted_Path>/Table Scripts` directory and run the scripts in any order.

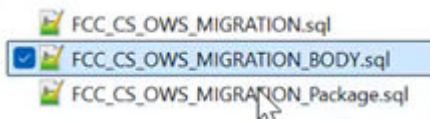
Figure 3-1 Table Scripts



> **Note:**
>
> Open each file and run the scripts manually.

3. Navigate to the `<OWS_Migration_Extracted_Path>/Package` directory and run all the scripts and compile it.

Figure 3-2 Package Scripts

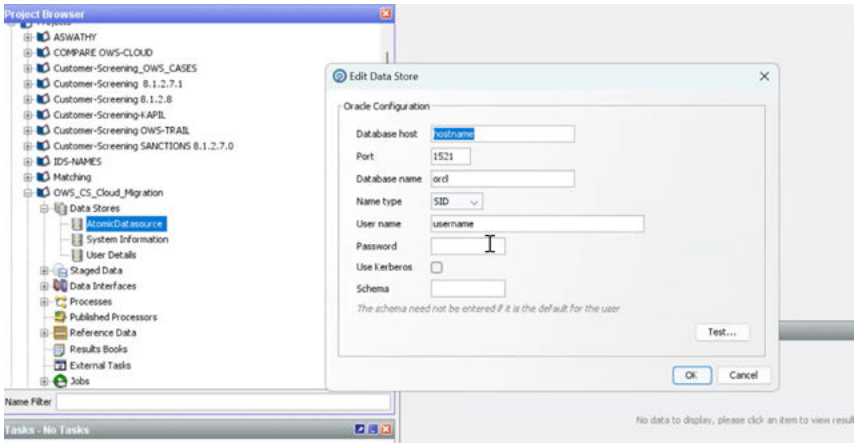


4. Navigate to `<OWS_Migration_Extracted_Path>/EDQ_DXI` directory. The following files are available:
   - OWS_CS_Cloud_Migration.dxi
   - OWS_CS_Case_Migration.properties
5. Upload the `OWS_CS_Cloud_Migration.dxi` file to the EDQ application from the local directory.

   To import the OFS Customer Screening Projects, see Oracle Financial Services Sanctions Pack Installation Guide.
6. Copy the `OWS_CS_Case_Migration.properties` file and place in the `/{domain_name}/config/fmwconfig/edq/oedq.local.home/runprofiles` directory (EDQ local home).
7. After uploading DXI file to the EDQ application. Open DXI from EDQ directory and select **Data Stores** folder in the Project Browser.

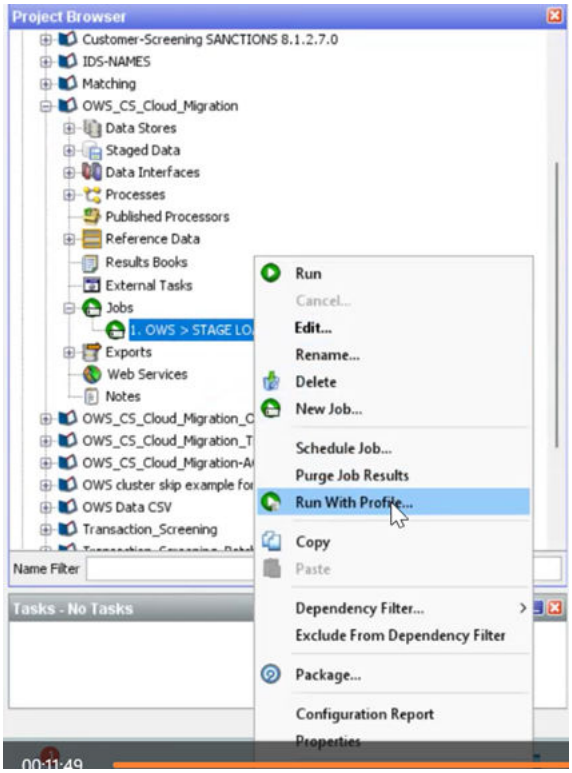
8. Click **AtomicDatasource**. The Edit Data Store window is displayed.

Figure 3-3 Edit Data Store



9. Update the new data base details and click **Ok**.
10. In the Project Browser, navigate to **Jobs**. Expand Jobs and you can view **1.OWS>STAGE Loading**.

Figure 3-4 Jobs



11. Right-click **1.OWS > STAGE LOADING** and then click **Run with Profile** option. The Select Run Profile confirmation dialog box is displayed.

Figure 3-5 Select Run Profile

12. From the Run Profile drop-down list, select the **OWS_CS_Case_Migration** and click **OK** to run the project.
13. After success full run, all OWS data will be populated in the OWS_* tables.

> **Note:**
>
> While running the **1.OWS > STAGE LOADING** table, if there is any break or failure then you need to truncate the tables mentioned in the OWS Tables in the `<OWS_Migration_Extracted_Path>/TABLE LIST.xlsx` and re-run it.

14. Execute the following script to generate L_tables.

```
BEGIN
  P_RUNSKEY := NULL;
  P_DATA_ORIGIN := NULL;
  P_JURISDICTION := NULL;
  P_BUS_DOMAIN := NULL;
  MIS_DATE := NULL;
  FCC_CS_OWS_MIGRATION.A_MIGRATE_OWS_CASES(
    P_RUNSKEY => P_RUNSKEY,
    P_DATA_ORIGIN => P_DATA_ORIGIN,
    P_JURISDICTION => P_JURISDICTION,
    P_BUS_DOMAIN => P_BUS_DOMAIN,
    MIS_DATE => MIS_DATE
  );
--rollback;
END;
```

Enter the **Values** for the following parameters in the above script:

- **P_RUNSKEY**: Enter any value.
- **P_DATAORIGIN**: Enter the Customer data origin value.
- **P_JURISDICTION**: Enter the Case Management Jurisdiction.
- **P_BUSINESS DOMAIN**: Enter the Case management Business Domain.
- **MIS_DATE**: Enter the date (YYYYMMDD) where it matches the customer data.

Sample Script:

```
BEGIN
  P_RUNSKEY := 10001;
  P_DATA_ORIGIN := 'MAN';
  P_JURISDICTION := 'AMEA';
  P_BUS_DOMAIN := 'a';
  MIS_DATE := '20141231';
  FCC_CS_OWS_MIGRATION.A_MIGRATE_OWS_CASES(
```

```
    P_RUNSKEY => P_RUNSKEY,
    P_DATA_ORIGIN => P_DATA_ORIGIN,
    P_JURISDICTION => P_JURISDICTION,
    P_BUS_DOMAIN => P_BUS_DOMAIN,
    MIS_DATE => MIS_DATE
  );
--rollback;
END;
```

After Successful migration batch run, all the **OWS_tables** will be converted into **L_Tables** that will be used to load on CS Cloud. To view the table list, see the `<OWS_Migration_Extracted_Path>/TABLE LIST.xlsx` sheet.

If you want to view the table status, execution time and error details, then run the **MIGRATION_AUDIT_TABLE**.

Figure 3-6 Migration Audit table

	T_NAME	TABLE_NAME	STATUS	START_TIME	END_TIME	ERROR
1	E_L_CM_T_CASES	L_CM_T_CASES	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
2	E_L_CM_T_CASES	L_CM_SRC_RUNSKEY_MAP	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
3	s_batch_filters	L_BATCH_FILTERS	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
4	s_batch_filters	L_BATCH_FILTERS_H	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
5	s_batch_filters	L_P_EVENTED_BATCH_FILTERS	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
6	s_batch_filters	L_EVENTED_BATCH_FILTERS_H	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
7	s_correlation	L_CM_CORRELATION	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
8	s_correlation	L_CM_CORRELATION_EVENT_MAP	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
9	s_correlation	L_CM_CORRELATION_LINK	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
10	s_correlation	L_CM_CORRELATION_PRSD	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
11	s_correlation	L_CM_CORRELATION_TEMP_TAB_CONF	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
12	s_correlation	L_CM_CORRELATION_ENTITY_MAP	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
13	s_correlation	L_CM_CORRELATION_SCORE	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
14	s_events	L_CM_EVENTS	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)

In the **Status** Column, 0 refers to table is updated and 1 refers to table is running by package.

15. To convert **L_tables** to `.csv` files, navigate to the `<OWS_Migration_Extracted_Path>/CSV_GenerationUtility/bin` directory and perform the following steps:

    a. Open the `file-generation.properties` file and update/enter the following parameters:

    - **jdbcurl**
    - **username**
    - **password**
    - **misDate (YYYYMMDD)**
    - **runSkey**

> **Note:**
>
> Enter same **MIS_DATE** and **runSkey** values that you entered in step 14.

Figure 3-7 file-generation.properties file

```
## database details
jdbcdriver=oracle.jdbc.driver.OracleDriver
jdbcurl=jdbc:oracle:thin:@100.76.147.68:1521/sancpdb
##jdbcurl=jdbc:oracle:thin:@ofss-mum-3902.snbomprshared1.gbucdsint02bom.oraclevcn.com:1521:fccmdb
username=csows
password=csows123


## csv configurations
fetchSize=1000000
csvMaxRecordCount=10000000
csvMaxSizeInMB=3000
fileType=csv


## data extraction configurations
filePath=output
restInputs=[{"TABLENAME":"L_CM_CASES,L_CM_CASE_TYPE_TL,L_CM_EVENT_DECISION_CONF_TL,L_COMMON_AUDIT","EOL":"~#$"}]
#restInputs Used for EOL::Format:[{"TABLENAME":"table name1,table name2","EOL":"~#$"},{"TABLENAME":"table
name3","EOL":"~"}]
misDate=20150101
runSkey=121
tableNames=
L_AM_ACCT_SMRY_DAILY,L_AM_ACCT_SMRY_MONTH,L_AM_DERIVED_ADDR,L_AM_EXT_ENT_DER_ADDR_MAP,L_AM_EXTERNAL_ENTITY,L_AM_EXTERNAL_
ENTITY_RISK,L_AM_INSURAN_POLICY_SMRY_DAILY,L_AM_INSURAN_POLICY_SMRY_MONTH,L_AM_LOAN_SMRY_MONTH,L_CM_ACCT_ADDR_EV,L_CM_ACC
T_ANTICPTY_PRFL_EV,L_CM_ACCT_EV,L_CM_ACCT_SMRY_MONTH_EV,L_CM_ACTION_B,L_CM_ACTION_CAT_B,L_CM_ACTION_CAT_TL,L_CM_ACTION_TL
,L_CM_CASE_ACCT,L_CM_CASE_ACCT_ADDR,L_CM_CASE_ACCT_ANTICPTY_PRFL,L_CM_CASE_ACCT_EMAIL_ADDR,L_CM_CASE_ACCT_PHONE,L_CM_CASE
_ACCT_SMRY_MONTH,L_CM_CASE_ACCT_WATCHLIST_MEM,L_CM_CASE_ATTRBT_VAL_MAP,L_CM_CASE_BUS_DOMAIN,L_CM_CASE_CUST,L_CM_CASE_CUST
_ACCT_MAP,L_CM_CASE_CUST_ADDR,L_CM_CASE_CUST_ANTICPTY_PRFL,L_CM_CASE_CUST_CUST_MAP,L_CM_CASE_CUST_EMAIL_ADDR,L_CM_CASE_CU
ST_ID_DOC,L_CM_CASE_CUST_PHONE,L_CM_CASE_CUST_WATCHLIST_MEM,L_CM_CASE_DERIVED_ADDR,L_CM_CASE_EE_TRXN_PARTY_MAP,L_CM_CASE_
EXT_ENT_DER_ADDR_MAP,L_CM_CASE_EXTERNAL_ENTITY,L_CM_CASE_EXTERNAL_REQUEST,L_CM_CASE_INVOLVED_PARTY,L_CM_CASE_INVOLVED_PAR
TY_DTL,L_CM_CASE_INVOLVED_PARTY_LNK,L_CM_CASE_LOAN,L_CM_CASE_LOAN_SMRY_MONTH,L_CM_CASE_NARRATIVES,L_CM_CASE_REPORT,L_CM_C
ASE_RR_DETAILS,L_CM_CASE_RR_ENTITY_MAP,L_CM_CASE_RR_MAP,L_CM_CASE_RR_TYPOLOGY,L_CM_CASE_TRXN,L_CM_CASE_TRXN_MAP,L_CM_CASE
_TRXN_PARTIES_GRAPH,L_CM_CASE_TRXN_PARTY,L_CM_CASE_TYPE_B,L_CM_CASE_TYPE_TL,L_CM_CASES,L_CM_CASETYPE_ACTION_MAP,L_CM_CORR
E_BUS_ENTITY_CFG,L_CM_CORRELATION,L_CM_CORRELATION_BUS_ENTITY,L_CM_CORRELATION_ENTITY_MAP,L_CM_CORRELATION_EVENT_MAP,L_CM
_CORRELATION_LINK,L_CM_CORRELATION_PRSD,L_CM_CORRELATION_RULE,L_CM_CORRELATION_SCENARIO,L_CM_CORRELATION_SCENARIO_PRSD,L_
CM_CORRELATION_SCORE,L_CM_CS_CANDIDATE_EV,L_CM_CS_CASE_CANDIDATE,L_CM_CS_RTSCR_SKEY_ID_MAP,L_CM_CS_SCREENING_MATCHES,L_CM
_CS_WL_MAP,L_CM_CS_WL_MATCHED,L_CM_CUST_ACCT_MAP_EV,L_CM_CUST_ADDR_EV,L_CM_CUST_CUST_MAP_EV,L_CM_CUST_EV,L_CM_CUST_ID_DOC
_EV,L_CM_CUST_MKT_SRVD_EV,L_CM_CUST_PHONE_EV,L_CM_CUST_PRODUCT_EV,L_CM_DERIVED_ADDR_EV,L_CM_EE_TRXN_PARTY_MAP_EV,L_CM_ENT
ITY_DOCUMENT_MAP,L_CM_EVENT_BINDING,L_CM_EVENT_DECISION,L_CM_EVENT_DECISION_CONF,L_CM_EVENT_DECISION_CONF_TL,L_CM_EVENT_D
```

b. **Save** the file.

c. Run the `rundb2csv.bat` file.

The `.csv` files will be generated in the `<OWS_Migration_Extracted_Path>/CSV_GenerationUtility/output` directory.

16. On your server, create a folder and provide name as **MigrationToSaasCSV**.
17. Copy the generated CSV files from this `<OWS_Migration_Extracted_Path>/CSV_GenerationUtility/output` directory and place in the **MigrationToSaasCSV** folder.
18. Copy files from this `<OWS_Migration_Extracted_Path>/Upload_objectstore` directory and place in the **MigrationToSaasCSV** folder.
19. Copy files from this `<OWS_Migration_Extracted_Path>/src_trg_csv` directory and place in the **MigrationToSaasCSV** folder.
20. To get the CS Cloud Object Storage URL, follow these steps:
    a. Log in to **Admin Console**.
    b. Navigate to the **System Configuration** tab and click **Component Details**. The Component Details window is displayed.

Figure 3-8 Object Storage Standard

c. Click **Object Storage Standard** tab and copy URL from the **Pre- Authenticated URL**.

21. Navigate to the **MigrationToSaasCSV** directory and perform the following:

a. Open the `CM_cto.sh` and enter Pre-Authenticated URL in the objstore value and **Save** the file.

b. Open the `CM25days.py` and specify the date list. This date must match with generated CSV files.

22. Navigate to the `MigrationToSaasCSV/src_trg_csv` directory and perform the following:

    a. Open the `CM_cto.sh` and enter Pre-Authenticated URL in the objstore value and **Save** the file.

    b. Open the `CM25days.py` and specify the date list. This date must match with generated CSV files.

23. To upload CSV files into the CS Cloud, perform the following:

    a. Click the **Putty** icon, and set the **MigrationToSaasCSV** folder, and then run the `CM25days.py` file.

    b. Set the `MigrationToSaasCSV/src_trg_csv` directory and run the `CM25days.py` file.

24. Load the Customer data.

25. Load the **AmIdataload** batch to purge staging tables. For more information, see the AMLDataLoad Batch Details section in the Using Pipeline Designer Guide.

26. Load the **MigIngestion** batch to purge the AMIngestion.

27. Load the **CMIngestion** batch to purge the CMingestionTables. For more information, see the CMIngestion Batch Details section in the Using Pipeline Designer Guide.

28. Log in to **Service Console** and from the left Navigation pane, click **Batch Administration** > **Scheduler**. The Scheduler Service window is displayed.

Figure 3-9 Scheduler service

29. Click **Schedule Batch**. The Schedule batch window is displayed.

30. Select **Batch** or **Batch Group** from the drop-down list to execute.

31. To execute **MigrationDataloadForCMMetadata** batch, perform the following:

    a. Select the **MigrationDataloadForCMMetadata** for execution.

    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.

    c. Click **Execute**.

    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

32. To execute **MigrationLAToCMMetadata** batch, perform the following:

    a. Select the **MigrationLAToCMMetadata** for execution.

    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.

c. Click **Execute**.

After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

33. To execute **MigrationDataloadForCM** batch, perform the following:
    a. Select the **MigrationDataloadForCM** for execution.
    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.
    c. Click **Execute**.

    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

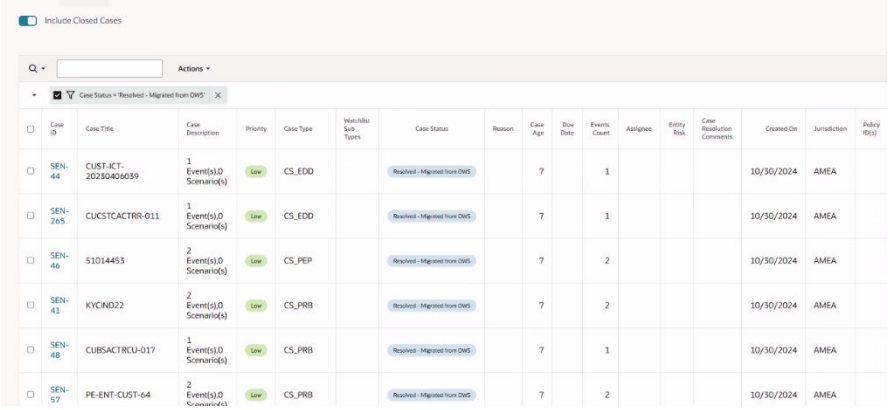
34. To execute **MigrationLAToCaseManagement** batch, perform the following:
    a. Select the **MigrationLAToCaseManagement** for execution.
    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.
    c. Click **Execute**.

    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

35. After successful execution of the batch, navigate to the Home page.
36. Click **Oracle Financial Services Crime and Compliance Management Anti Money Laundering Cloud Service**. The menu options are displayed.
37. Click **Investigation Hub**. The Investigation Hub Home page is displayed.
38. Click **All Cases** button to view the all cases which includes migrated cases in the application.

Figure 3-10 All Cases



For more information on Event Details and Audit History for the selected case, see Using Investigation Hub.

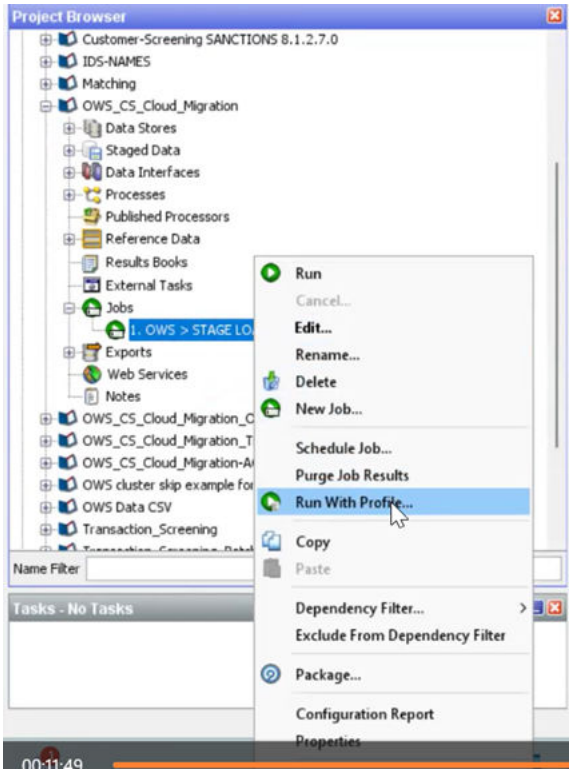
3.1 Migration of Newly Closed and Resolved Cases

This topic describes step-by-step instruction to migrate the newly **Closed** and **Resolved** cases from OWS to CS.

To migrate data newly **Closed** and **Resolved** cases from OWS to CS:

1. In the Project Browser, navigate to **Jobs**. Expand Jobs and you can view **1.OWS>STAGE Loading**.

Figure 3-11 Jobs



2. Right-click **1.OWS > STAGE LOADING** and then click **Run with Profile** option. The Select Run Profile confirmation dialog box is displayed.

Figure 3-12 Select Run Profile

3. From the Run Profile drop-down list, select the **OWS_CS_Case_Migration** and click **OK** to run the project.
4. After success full run, all OWS data will be populated in the OWS_* tables.

> **Note:**
>
> While running the **1.OWS > STAGE LOADING** table, if there is any break or failure then you need to truncate the tables mentioned in the OWS Tables in the `<OWS_Migration_Extracted_Path>/TABLE LIST.xlsx` and re-run it.

5. Execute the following script to generate L_tables.

```
BEGIN
  P_RUNSKEY := NULL;
  P_DATA_ORIGIN := NULL;
  P_JURISDICTION := NULL;
  P_BUS_DOMAIN := NULL;
  MIS_DATE := NULL;
  FCC_CS_OWS_MIGRATION.A_MIGRATE_OWS_CASES(
    P_RUNSKEY => P_RUNSKEY,
    P_DATA_ORIGIN => P_DATA_ORIGIN,
    P_JURISDICTION => P_JURISDICTION,
    P_BUS_DOMAIN => P_BUS_DOMAIN,
    MIS_DATE => MIS_DATE
  );
--rollback;
END;
```

Enter the **Values** for the following parameters in the above script:

- **P_RUNSKEY**: Enter any value.

> **Note:**
>
> The **P_RUNSKEY** must be unique.

- **P_DATAORIGIN**: Enter the Customer data origin value.
- **P_JURISDICTION**: Enter the Case Management Jurisdiction.
- **P_BUSINESS DOMAIN**: Enter the Case management Business Domain.

- **MIS_DATE**: Enter the date (YYYYMMDD) where it matches the customer data.

> **Note:**
>
> Enter the new **MIS_DATE**.

Sample Script:

```
BEGIN
  P_RUNSKEY := 10002;
  P_DATA_ORIGIN := 'MAN';
  P_JURISDICTION := 'AMEA';
  P_BUS_DOMAIN := 'a';
  MIS_DATE := '20150313';
  FCC_CS_OWS_MIGRATION.A_MIGRATE_OWS_CASES(
    P_RUNSKEY => P_RUNSKEY,
    P_DATA_ORIGIN => P_DATA_ORIGIN,
    P_JURISDICTION => P_JURISDICTION,
    P_BUS_DOMAIN => P_BUS_DOMAIN,
    MIS_DATE => MIS_DATE
  );
--rollback;
END;
```

After Successful migration batch run, all the **OWS_tables** will be converted into **L_Tables** that will be used to load on CS Cloud. To view the table list, see the `<OWS_Migration_Extracted_Path>/TABLE LIST.xlsx` sheet.

If you want to view the table status, execution time and error details, then run the **MIGRATION_AUDIT_TABLE**.

Figure 3-13 Migration Audit table

	T_NAME	TABLE_NAME	STATUS	START_TIME	END_TIME	ERROR
1	E_L_CM_T_CASES	L_CM_T_CASES	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
2	E_L_CM_T_CASES	L_CM_SRC_RUNSKEY_MAP	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
3	s_batch_filters	L_BATCH_FILTERS	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
4	s_batch_filters	L_BATCH_FILTERS_H	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
5	s_batch_filters	L_P_EVENTED_BATCH_FILTERS	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
6	s_batch_filters	L_EVENTED_BATCH_FILTERS_H	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
7	s_correlation	L_CM_CORRELATION	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
8	s_correlation	L_CM_CORRELATION_EVENT_MAP	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
9	s_correlation	L_CM_CORRELATION_LINK	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
10	s_correlation	L_CM_CORRELATION_PRSD	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
11	s_correlation	L_CM_CORRELATION_TEMP_TAB_CONF	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
12	s_correlation	L_CM_CORRELATION_ENTITY_MAP	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
13	s_correlation	L_CM_CORRELATION_SCORE	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)
14	s_events	L_CM_EVENTS	0	22-10-24 9:00:16.000000000 AM	22-10-24 9:00:16.000000000 AM	(null)

In the **Status** Column, 0 refers to table is updated and 1 refers to table is running by package.

6. To convert **L_tables** to `.csv` files, navigate to the `<OWS_Migration_Extracted_Path>/CSV_GenerationUtility/bin` directory and perform the following steps:

   a. Open the `file-generation.properties` file and update/enter the following parameters:

- **jdbcurl**
- **username**
- **password**
- **misDate (YYYYMMDD)**
- **runSkey**

> **Note:**
>
> Enter same **MIS_DATE** and **runSkey** values that you entered in step 5.

Figure 3-14 file-generation.properties file

```
## database details
jdbcdriver=oracle.jdbc.driver.OracleDriver
jdbcurl=jdbc:oracle:thin:@100.76.147.68:1521/sancpdb
##jdbcurl=jdbc:oracle:thin:@ofss-mum-3902.snbomprshared1.gbucdsint02bom.oraclevcn.com:1521:fccmdb
username=csows
password=csows123


## csv configurations
fetchSize=1000000
csvMaxRecordCount=10000000
csvMaxSizeInMB=3000
fileType=csv


## data extraction configurations
filePath=output
restInputs=[{"TABLENAME":"L_CM_CASES,L_CM_CASE_TYPE_TL,L_CM_EVENT_DECISION_CONF_TL,L_COMMON_AUDIT","EOL":"~#$"}]
#restInputs Used for EOL::Format:[{"TABLENAME":"table name1,table name2","EOL":"~#$"},{"TABLENAME":"table
name3","EOL":"~"}]
misDate=20150101
runSkey=121
tableNames=
L_AM_ACCT_SMRY_DAILY,L_AM_ACCT_SMRY_MONTH,L_AM_DERIVED_ADDR,L_AM_EXT_ENT_DER_ADDR_MAP,L_AM_EXTERNAL_ENTITY,L_AM_EXTERNAL_
ENTITY_RISK,L_AM_INSURAN_POLICY_SMRY_DAILY,L_AM_INSURAN_POLICY_SMRY_MONTH,L_AM_LOAN_SMRY_MONTH,L_CM_ACCT_ADDR_EV,L_CM_ACC
T_ANTICPTY_PRFL_EV,L_CM_ACCT_EV,L_CM_ACCT_SMRY_MONTH_EV,L_CM_ACTION_B,L_CM_ACTION_CAT_B,L_CM_ACTION_CAT_TL,L_CM_ACTION_TL
,L_CM_CASE_ACCT,L_CM_CASE_ACCT_ADDR,L_CM_CASE_ACCT_ANTICPTY_PRFL,L_CM_CASE_ACCT_EMAIL_ADDR,L_CM_CASE_ACCT_PHONE,L_CM_CASE
_ACCT_SMRY_MONTH,L_CM_CASE_ACCT_WATCHLIST_MEM,L_CM_CASE_ATTRBT_VAL_MAP,L_CM_CASE_BUS_DOMAIN,L_CM_CASE_CUST,L_CM_CASE_CUST
_ACCT_MAP,L_CM_CASE_CUST_ADDR,L_CM_CASE_CUST_ANTICPTY_PRFL,L_CM_CASE_CUST_CUST_MAP,L_CM_CASE_CUST_EMAIL_ADDR,L_CM_CASE_CU
ST_ID_DOC,L_CM_CASE_CUST_PHONE,L_CM_CASE_CUST_WATCHLIST_MEM,L_CM_CASE_DERIVED_ADDR,L_CM_CASE_EE_TRXN_PARTY_MAP,L_CM_CASE_
EXT_ENT_DER_ADDR_MAP,L_CM_CASE_EXTERNAL_ENTITY,L_CM_CASE_EXTERNAL_REQUEST,L_CM_CASE_INVOLVED_PARTY,L_CM_CASE_INVOLVED_PAR
TY_DTL,L_CM_CASE_INVOLVED_PARTY_LNK,L_CM_CASE_LOAN,L_CM_CASE_LOAN_SMRY_MONTH,L_CM_CASE_NARRATIVES,L_CM_CASE_REPORT,L_CM_C
ASE_RR_DETAILS,L_CM_CASE_RR_ENTITY_MAP,L_CM_CASE_RR_MAP,L_CM_CASE_RR_TYPOLOGY,L_CM_CASE_TRXN,L_CM_CASE_TRXN_MAP,L_CM_CASE
_TRXN_PARTIES_GRAPH,L_CM_CASE_TRXN_PARTY,L_CM_CASE_TYPE_B,L_CM_CASE_TYPE_TL,L_CM_CASES,L_CM_CASETYPE_ACTION_MAP,L_CM_CORR
E_BUS_ENTITY_CFG,L_CM_CORRELATION,L_CM_CORRELATION_BUS_ENTITY,L_CM_CORRELATION_ENTITY_MAP,L_CM_CORRELATION_EVENT_MAP,L_CM
_CORRELATION_LINK,L_CM_CORRELATION_PRSD,L_CM_CORRELATION_RULE,L_CM_CORRELATION_SCENARIO,L_CM_CORRELATION_SCENARIO_PRSD,L_
CM_CORRELATION_SCORE,L_CM_CS_CANDIDATE_EV,L_CM_CS_CASE_CANDIDATE,L_CM_CS_RTSCR_SKEY_ID_MAP,L_CM_CS_SCREENING_MATCHES,L_CM
_CS_WL_MAP,L_CM_CS_WL_MATCHED,L_CM_CUST_ACCT_MAP_EV,L_CM_CUST_ADDR_EV,L_CM_CUST_CUST_MAP_EV,L_CM_CUST_EV,L_CM_CUST_ID_DOC
_EV,L_CM_CUST_MKT_SRVD_EV,L_CM_CUST_PHONE_EV,L_CM_CUST_PRODUCT_EV,L_CM_DERIVED_ADDR_EV,L_CM_EE_TRXN_PARTY_MAP_EV,L_CM_ENT
ITY_DOCUMENT_MAP,L_CM_EVENT_BINDING,L_CM_EVENT_DECISION,L_CM_EVENT_DECISION_CONF,L_CM_EVENT_DECISION_CONF_TL,L_CM_EVENT_D
```

b. **Save** the file.

c. Run the `rundb2csv.bat` file.

The `.csv` files will be generated in the `<OWS_Migration_Extracted_Path>/CSV_GenerationUtility/output` directory.

7. On your server, create a folder and provide name as **MigrationToSaasCSV**.
8. Copy the generated CSV files from this `<OWS_Migration_Extracted_Path>/CSV_GenerationUtility/output` directory and place in the **MigrationToSaasCSV** folder.
9. Copy files from this `<OWS_Migration_Extracted_Path>/Upload_objectstore` directory and place in the **MigrationToSaasCSV** folder.
10. Copy files from this `<OWS_Migration_Extracted_Path>/src_trg_csv` directory and place in the **MigrationToSaasCSV** folder.
11. To get the CS Cloud Object Storage URL, follow these steps:
    a. Log in to **Admin Console**.
    b. Navigate to the **System Configuration** tab and click **Component Details**. The Component Details window is displayed.

Figure 3-15 Object Storage Standard

c. Click **Object Storage Standard** tab and copy URL from the **Pre- Authenticated URL**.

12. Navigate to the **MigrationToSaasCSV** directory and perform the following:
    a. Open the `CM_cto.sh` and enter Pre-Authenticated URL in the objstore value and **Save** the file.
    b. Open the `CM25days.py` and specify the date list. This date must match with generated CSV files.
13. Navigate to the `MigrationToSaasCSV/src_trg_csv` directory and perform the following:
    a. Open the `CM_cto.sh` and enter Pre-Authenticated URL in the objstore value and **Save** the file.
    b. Open the `CM25days.py` and specify the date list. This date must match with generated CSV files.
14. To upload CSV files into the CS Cloud, perform the following:
    a. Click the **Putty** icon, and set the **MigrationToSaasCSV** folder, and then run the `CM25days.py` file.
    b. Set the `MigrationToSaasCSV/src_trg_csv` directory and run the `CM25days.py` file.
15. Load the Customer data.
16. Load the **AmIdataload** batch to purge staging tables. For more information, see the AMLDataLoad Batch Details section in the Using Pipeline Designer Guide.
17. Load the **MigIngestion** batch to purge the AMIngestion.
18. Load the **CMIngestion** batch to purge the CMingestionTables. For more information, see the CMIngestion Batch Details section in the Using Pipeline Designer Guide.
19. Log in to **Service Console** and from the left Navigation pane, click **Batch Administration** > **Scheduler**. The Scheduler Service window is displayed.

Figure 3-16 Scheduler service

20. Click **Schedule Batch**. The Schedule batch window is displayed.
21. Select **Batch** or **Batch Group** from the drop-down list to execute.
22. To execute **MigrationDataloadForCMMetadata** batch, perform the following:
    a. Select the **MigrationDataloadForCMMetadata** for execution.
    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.
    c. Click **Execute**.

    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

23. To execute **MigrationLAToCMMetadata** batch, perform the following:
    a. Select the **MigrationLAToCMMetadata** for execution.
    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.
    c. Click **Execute**.

    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

24. Run the **PurgeMigrationCMMetadataLATables** batch to clear the data.
25. To execute **MigrationDataloadForCM** batch, perform the following:
    a. Select the **MigrationDataloadForCM** for execution.
    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.
    c. Click **Execute**.

    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

26. To execute **MigrationLAToCaseManagement** batch, perform the following:
    a. Select the **MigrationLAToCaseManagement** for execution.
    b. Click **Edit Dynamic Parameters**, update the **MIS date** and then click **Save**.
    c. Click **Execute**.

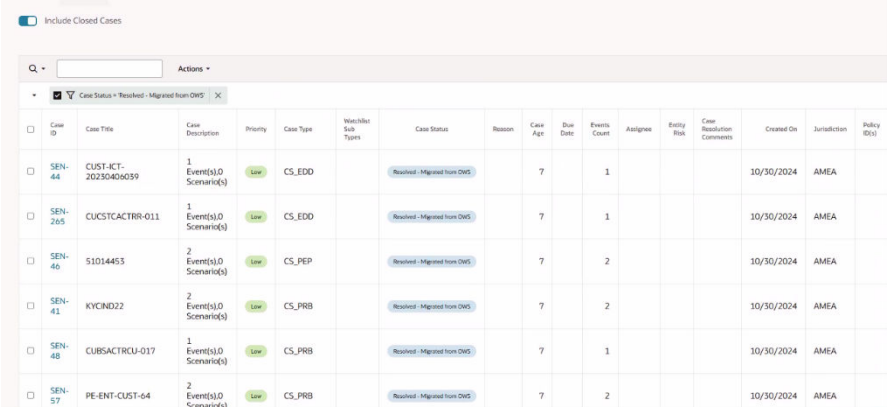
    After successful execution of the batch, proceed to the next batch.

> **Note:**
>
> If the batch shows any errors, then run the **PurgeMigrationCMMetadataLATables** batch to clear the data.

27. After successful execution of the batch, navigate to the Home page.
28. Click **Oracle Financial Services Crime and Compliance Management Anti Money Laundering Cloud Service**. The menu options are displayed.
29. Click **Investigation Hub**. The Investigation Hub Home page is displayed.

30. Click **All Cases** button to view the all cases which includes migrated cases in the application.

Figure 3-17 All Cases



For more information on Event Details and Audit History for the selected case, see Using Investigation Hub.