Oracle® Business Intelligence Applications

Release Notes

11*g* Release 1 (11.1.1.10)

E64355-05

April 2017

Provides late-breaking information about issues and workarounds for Oracle BI Applications Release 11.1.1.10. The Release Notes are regularly updated.

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Oracle Business Intelligence Applications Release Notes, 11*g* Release 1 (11.1.1.10)

E64355-05

Contents

Preface

Oracle Business Intelligence Applications (Oracle BI Applications) is a comprehensive suite of prebuilt solutions that deliver pervasive intelligence across an organization, empowering users at all levels — from front line operational users to senior management — with the key information they need to maximize effectiveness. Intuitive and role-based, these solutions transform and integrate data from a range of enterprise sources and corporate data warehouses into actionable insight that enables more effective actions, decisions, and processes.

Oracle BI Applications is built on Oracle Business Intelligence Suite Enterprise Edition (Oracle BI EE), a comprehensive set of enterprise business intelligence tools and infrastructure, including a scalable and efficient query and analysis server, an ad-hoc query and analysis tool, interactive dashboards, proactive intelligence and alerts, and an enterprise reporting engine.

Audience

This document is intended for administrators of Oracle BI Applications.

Related Documentation

The Oracle BI Applications documentation library contains the complete set of Oracle BI Applications documents.

See the Oracle BI Applications documentation library at http://docs.oracle.com/cd/E63231_01/index.htm.

Conventions

These 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.

1

Release Notes

These release notes describe known issues and workarounds for Oracle Business Intelligence Applications (Oracle BI Applications) Release 11.1.1.10, and contain the following sections:

Note:

Earlier Oracle BI Applications 11*g* releases were only for Oracle Fusion Applications source systems. For information about known issues and workarounds in these earlier Oracle BI Applications 11*g* releases, refer to the Oracle Business Intelligence Applications chapter in *Oracle Fusion Middleware Release Notes*, for the release of Oracle Fusion Middleware in use at your company. You can locate the appropriate Oracle Fusion Middleware documentation library from the Oracle Documentation page at this URL:

`http://www.oracle.com/technetwork/indexes/documentation/index.html`

About These Release Notes

These release notes are updated periodically as new information becomes available.

To ensure that you are reading the latest version of the release notes, check the Oracle BI Applications Documentation set. The most current version of *Oracle Business Intelligence Applications Release Notes* is available:

- On the Oracle Technology Network at:

  `http://www.oracle.com/technetwork/middleware/bi-foundation/documentation/bi-apps-098545.html`

  (to register for a free account on the Oracle Technology Network, go to:

  `http://www.oracle.com/technetwork/index.html`)

Obtaining Patches from My Oracle Support

Periodically, Oracle BI Applications patches are released.

To see the patches that are available, go to My Oracle Support (formerly Oracle MetaLink) using the following URL:

http://support.oracle.com

For additional information about obtaining patches, see Downloading and Applying Required Patches in Oracle Fusion Middleware Infrastructure Release Notes.

Oracle BI Applications Issues and Workarounds Identified Since the Previous Revision

The is the first version of Release Notes for release 11.1.1.10.1 of Oracle BI Applications.

Issues and Workarounds for Installation, Upgrade, and Documentation

These issues and workarounds are for specific areas, such as installation, upgrade, security, and documentation.

Installation

This applies to issues regarding installing Oracle BI Applications.

WLS Patching Fails to Unzip SUWRAPPER in the Applicable Location

This issue applies to the Fusion Middleware Platform Patches.

During installation of Oracle BI Applications Release 11.1.1.10.1, and while applying the Fusion Middleware Platform Patches using the `APPLY_PATCHES.pl` script, WebLogic patch (BUNQ) fails to apply and displays the `unzip suwrapper in the location` error. If you run into this issue while performing the patch application procedure, then you can manually apply the patch.

Workaround

To manually apply Weblogic patches, refer to Applying the Fusion Middleware Platform Patch, *Oracle Business Intelligence Applications Installation Guide*.

Unable to Detect Machine Platform or JVM Bits

This issue applies to Oracle BI Applications installation.

When installing Oracle BI Applications, do not install WLS1036 on Windows with NFS JDK Path; instead use a local JDK location. If you use NFS JDK path, then during Oracle BI Applications configuration, the following error appears:

```
Unable to detect machine platform or JVM bits.
```

Workaround

If you install the WLS by JDK from NFS, then replace all NFS JDK locations to local JDK location in the following two files:

```
C:\work\biapps10.1dw\biappsmw1\wlserver_10.3\.product.properties
C:\work\biapps10.1dw\biappsmw1\wlserver_10.3\common\bin\commEnv.cmd
```

Find all JDK path like `\\adcnas418\farm_fmwqa\java\win64\jdk6` and replace them to path like `c:\work\jdk`.

Upgrade

These issues involve upgrading Oracle BI Applications.

Change in PROJECT_RESOURCE_TYPE Domain Format

This issue applies to Project Analytics customers who are using E-Business (any release) OLTP and are upgrading from Oracle BI Applications 11.1.1.9.2 to 11.1.1.10.1.

The domain member codes for PROJECT_RESOURCE_TYPE domain is sourced through two different maps. This can potentially result in duplicates. To overcome this issue, prefixes to the domain member codes have been appended.

Workaround

After running the E-Business upgrade load plan, revisit Oracle BI Applications Configuration Manager (BIACM) and redo the target and source domain mapping between W_PROJECT_RESOURCE_TYPE and PROJECT_RESOURCE_TYPE domain members.

Domain Member Mapping Fails for W_TIMECARD_UOM_CODE for the Upgrade Load Plan

Anew domain member mapping TIMECARD_TRC_TYPE_CODE~TIMECARD_TRC_UOM_CODE to 'W_TIMECARD_UOM_CODE was not loaded from the Configuration Manager seed data into the data warehouse table W_DOMAIN_MEMBER_MAP_G within the Upgrade load plan.

This error occurs when you run the PSFT Upgrade Load plan(s):

- Upgrade BIApps 111192 to 1111101 PSFT 90 HCM
- Upgrade BIApps 111192 to 1111101 PSFT 91 HCM
- Upgrade BIApps 111192 to 1111101 PSFT 92 HCM

The effect of this is that the W_UOM_CODE column value becomes __ERROR__ on the following key T&L tables:

- W_TLB_ENTRY_TYPE_D
- W_TLB_RPTD_F
- W_TLB_PRCSD_F

Follow the steps in the appropriate procedure depending on if you have already run the upgrade load plan.

If You Have Not Yet Run the Upgrade Load Plan

1. Run the task standalone.
   a. Open the Oracle Data Integrator (ODI) client.
   b. Select **Projects**, **BI Apps Project**, **Mappings**, **SILOS**, **SIL_DomainGeneral_DomainMaps**, **Packages**, then **Scenarios**.
   c. Right click the Scenario, **SILOS_SIL_DOMAINGENERAL_DOMAINMAPS** , then execute.

d. Click **OK** on the Variable Values pop-up window.

e. Execute the Upgrade Load Plan as usual.

2. Edit the seeded Upgrade Load Plan here in ODI.

   a. Select **Predefined Load Plans**, then **Upgrade**.

   b. Select one of the upgrade load plans:

      - Upgrade BIApps 111192 to 1111101 PSFT 90 HCM
      - Upgrade BIApps 111192 to 1111101 PSFT 91 HCM
      - Upgrade BIApps 111192 to 1111101 PSFT 92 HCM
      - In the step UPGRADE_GENERAL, add a Run Scenario step.
        - Scenario Name: SILOS_SIL_DOMAINGENERAL_DOMAINMAPS
        - Version: -1
        - Step Name: SILOS_SIL_DOMAINGENERAL_DOMAINMAPS

   c. Restart from the failed step, then **Save.**

   d. Execute the Upgrade Load Plan as usual.

If You Have Already Run the Upgrade Load Plan

Run the following SQL against the data warehouse schema to correct the affected data.

```
-- update dimension
update w_tlb_entry_type_d u
set w_uom_code = 'HOURS'
where uom_code like 'H~%';

update w_tlb_entry_type_d u
set w_uom_code = 'AMOUNT'
where uom_code like 'A~%';

-- Reported Time fact
update w_tlb_rptd_f u
set rptd_calc_amt = (select rptd_calc_amt
    from w0tlb_rptd_f f
    where u.integration_id = f.integration_id)
where rptd_calc_amt is NULL
and uom_code like 'A~%'

update w_tlb_rptd_f u
set w_uom_code = 'HOURS'
where uom_code like 'H~%'
and (w_uom_code IS NULL OR w_uom_code = '__ERROR__');

update w_tlb_rptd_f u
set w_uom_code = 'AMOUNT'
where uom_code like 'A~%'
and (w_uom_code IS NULL OR w_uom_code = '__ERROR__');

-- Processed Time fact
update w_tlb_prcsd_f u
set prcsd_calc_amt = (select prcsd_calc_amt
```

```
    from w0tlb_prcsd_f f
    where u.integration_id = f.integration_id)
where prcsd_calc_amt is NULL
and uom_code like 'A~%';

update w_tlb_prcsd_f u
set w_uom_code = 'HOURS'
 where uom_code like 'H~%'
and (w_uom_code IS NULL OR w_uom_code = '__ERROR__');

update w_tlb_prcsd_f u
set w_uom_code = 'AMOUNT'
where uom_code like 'A~%'
and (w_uom_code IS NULL OR w_uom_code = '__ERROR__');
```

Fix Required for Upgrade Load Plans for JD Edwards and E-Business Suite When Upgrading from Release 7.1 to 8.1

After upgrading from Oracle BI Applications Order Management release 7.1 to release 8.1, incremental loads fails at SIL_OMReasonDimension_SalesOrderReturn task until upgrade load plans are updated.

The required fix is determined by if you are running a single-source upgrade or a multi-source upgrade. Affects the following upgrade load plans:

- Upgrade BIApps 111171 to 111180 EBS 11510
- Upgrade BIApps 111171 to 111180 EBS 120
- Upgrade BIApps 111171 to 111180 EBS 1211
- Upgrade BIApps 111171 to 111180 EBS 1212
- Upgrade BIApps 111171 to 111180 EBS 1213
- Upgrade BIApps 111171 to 111180 JDE 90
- Upgrade BIApps 111171 to 111180 JDE 91

If Running a Single-Source Upgrade

The affected ETL task SILOS_SIL_OMREASONDIMENSION_SALESORDERRETURN fails but no data is impacted. At the first issue, run this SQL to correct the wrong datasource number in W_ETL_LOAD_DATES, then restart the failed incremental load plan in release 8.1.

```
UPDATE W_ETL_LOAD_DATES SET DATASOURCE_NUM_ID=999 WHERE
PACKAGE_NAME='SILOS_SIL_OMREASONDIMENSION_SALESORDERRETURN';
COMMIT;
```

If Running a Multi-Source Upgrade

Apply the fix in all upgrade load plans, then follow the steps to correct the wrong DSN in W_ETL_LOAD_DATES, then restart the failed incremental load plan in release 8.1.

1. Backup W_ETL_LOAD_DATES.

   ```
   CREATE TABLE W_ETL_LOAD_DATES_BKUPG AS SELECT * FROM W_ETL_LOAD_DATES;
   ```

2. Run the SQL to determine number of records regarding mapping SILOS_SIL_OMREASONDIMENSION_SALESORDERRETURN.

```
SELECT * FROM W_ETL_LOAD_DATES WHERE
PACKAGE_NAME='SILOS_SIL_OMREASONDIMENSION_SALESORDERRETURN';
```

3. Correct the DSN in W_ETL_LOAD_DATES. Assuming there are four records returned in step 2, whose datasource numbers are 310,320,410,415, then issue the SQL to delete three of them and only keep one, per this example SQL.

```
DELETE FROM W_ETL_LOAD_DATES WHERE
PACKAGE_NAME='SILOS_SIL_OMREASONDIMENSION_SALESORDERRETURN'
AND DATASOURCE_NUM_ID IN (310,410,415);
COMMIT;
UPDATE W_ETL_LOAD_DATES SET DATASOURCE_NUM_ID=999 WHERE
PACKAGE_NAME='SILOS_SIL_OMREASONDIMENSION_SALESORDERRETURN'
AND DATASOURCE_NUM_ID=320;
COMMIT;
```

> **Note:** Be sure to use the correct datasource number values in the WHERE clause for DATASOURCE_NUM_ID IN() and DATASOURCE_NUM_ID.

4. Restart the failed increment load plan and continue your ETL.

Fix Required When Running JD Edwards Incremental Load Plans When Upgrading from Release 7.1 to 8.1

Incremental load fails at task SIL_OMReasonDimension_SalesOrderReturn and ETL is not able to continue until the failure is corrected. This issue might happen when running a single-source upgrade multiple times, which causes duplicate records in W_OM_REASON_DS.

Applies to:

- Upgrade BIApps 111171 to 111180 JDE 90
- Upgrade BIApps 111171 to 111180 JDE 91

1. Apply this fix at first issue.

```
DELETE FROM W_OM_REASON_DS A
WHERE ROWID > (SELECT MIN(ROWID) FROM W_OM_REASON_DS B
WHERE A.INTEGRATION_ID  = B.INTEGRATION_ID
AND A.DATASOURCE_NUM_ID = B.DATASOURCE_NUM_ID );
COMMIT;
```

2. Restart failed upgrade load plan to continue the upgrade.

Generate SDS DDL Fails in Fusion Applications HCM Load Plan After Upgrade

An error occurs after upgrade when running a load plan for Fusion Applications HCM after upgrade when attempting to generate the SDS DDL.

An error occurs when running this procedure. Perform the workaround.

```
 Error running
    ALTER TABLE FUSION_SDS.HCM_CO_SALARYPVO813153 MODIFY
(SALARYPEOACTIONOCCURRENCEID VARCHAR2(18 CHAR))
    (<type 'java.sql.SQLException'> - java.sql.SQLException: ORA-01439:
```

```
column to be modified must be empty to change datatype
 )
```

1. Log in to SDS schema.
2. Execute these scripts:

```
CREATE TABLE <SDS_SCHEMA_NAME>.HCM_CO_SALARYPVO813153_BKP AS
SELECT * from <SDS_SCHEMA_NAME>.HCM_CO_SALARYPVO813153;
TRUNCATE  TABLE  <SDS_SCHEMA_NAME>.HCM_CO_SALARYPVO813153;
ALTER TABLE <SDS_SCHEMA_NAME>.HCM_CO_SALARYPVO813153 MODIFY
(SALARYPEOACTIONOCCURRENCEID VARCHAR2(18 CHAR));

INSERT INTO <SDS_SCHEMA_NAME>.HCM_CO_SALARYPVO813153
(SALARYPEOSALARYBASISID ,
SALARYPEOSALARYAPPROVED,
SALARYPEOSALARYAMOUNT,
SALARYPEOLASTUPDATEDBY,
SALARYPEOLASTUPDATEDATE,
SALARYPEODATETO ,
SALARYPEODATEFROM  ,
SALARYPEOCREATIONDATE ,
SALARYPEOCREATEDBY  ,
SALARYPEOBUSINESSGROUPID ,
SALARYPEOASSIGNMENTID,
SALARYPEOACTIONOCCURRENCEID,
SALARYID    ,
SALARYBASESPEOSALARYBASISCODE ,
SLRYBSSPSLRYNNLZTNFCT774832679,
SALARYBASESPEOGRADERATEID ,
SALARYBASESPEOELEMENTTYPEID,
SALARYBASESPEOLASTUPDATEDATE ,
ASSIGNMENTPEOEFFECTIVEENDDATE ,
SSGNMNTPFFCTVLTSTCHNG546539429,
ASSIGNMENTPEOEFFECTIVESEQUENCE,
SSGNMNTPFFCTVSTRTDT829875410,
CDC$_SRC_LAST_UPDATE_DATE ,
CDC$_RPL_LAST_UPDATE_DATE ,
CDC$_DML_CODE  )

SELECT SALARYPEOSALARYBASISID ,
SALARYPEOSALARYAPPROVED,
SALARYPEOSALARYAMOUNT,
SALARYPEOLASTUPDATEDBY,
SALARYPEOLASTUPDATEDATE,
SALARYPEODATETO ,
SALARYPEODATEFROM  ,
SALARYPEOCREATIONDATE ,
SALARYPEOCREATEDBY  ,
SALARYPEOBUSINESSGROUPID ,
SALARYPEOASSIGNMENTID,
TO_CHAR(SALARYPEOACTIONOCCURRENCEID),
SALARYID    ,
SALARYBASESPEOSALARYBASISCODE ,
SLRYBSSPSLRYNNLZTNFCT774832679,
SALARYBASESPEOGRADERATEID ,
SALARYBASESPEOELEMENTTYPEID,
SALARYBASESPEOLASTUPDATEDATE ,
ASSIGNMENTPEOEFFECTIVEENDDATE ,
SSGNMNTPFFCTVLTSTCHNG546539429,
ASSIGNMENTPEOEFFECTIVESEQUENCE,
SSGNMNTPFFCTVSTRTDT829875410,
```

```
CDC$_SRC_LAST_UPDATE_DATE ,
CDC$_RPL_LAST_UPDATE_DATE ,
CDC$_DML_CODE
FROM <SDS_SCHEMA_NAME>.HCM_CO_SALARYPV0813153_BKP;
```

3. Resubmit the Load Plan after marking the failed step as complete.

Must Disable PAYGRADE_DIM When Upgrading Load Plan for Fusion Applications HCM

Disable PAYGRADE_DIM when upgrading the predefined load plan for Fusion Applications HCM named Upgrade BIApps 111192 to 1111101 FUSION 9.

1. Open the ODI client.
2. Select **Load Plans and Scenarios**.
3. Select **Upgrade**, then **Upgrade BIApps 111192 to 1111101 FUSION 9**.
4. Go to the steps, then expand **UPGRADE_DIMENSIONS**, **When Value = Y**, **HCM**, **SDE**, then **PAYGRADE_DIM**.
5. Add a Scenario Step (Restart from failed step).
   - Scenario: EXEC_TABLE_MAINT_PROC
   - Version: -1
   - Name: EXEC_TABLE_MAINT_PROC - BEFORE

   Select the new step in the Property inspector Scenario Variables, then overwrite with:

   ```
   BIAPPS.DDL_TABLE_LIST: W_PAY_GRADE_DS,W_FSN_PER_GRADES_F_TMP
   BIAPPS.DDL_RUN_MODE: AFTER
   ```

6. Add a Scenario Step (Restart from failed step).
   - Scenario: EXEC_TABLE_MAINT_PROC
   - Version: -1
   - Name: EXEC_TABLE_MAINT_PROC - AFTER

   Select the new step in the Property inspector Scenario Variables, then overwrite with:

   ```
   BIAPPS.DDL_TABLE_LIST: W_FSN_PER_GRADES_F_TMP
   BIAPPS.DDL_RUN_MODE: AFTER
   ```

7. Add a Scenario Step (Restart from failed step).
   - Scenario: EXEC_TABLE_MAINT_PROC
   - Version: -1
   - Name: EXEC_TABLE_MAINT_PROC - AFTER

   Select the new step in the Property inspector Scenario Variables, then overwrite with:

   ```
   BIAPPS.DDL_TABLE_LIST: W_PAY_GRADE_DS
   BIAPPS.DDL_RUN_MODE: AFTER
   ```

8. Save the changes.

Inconsistent WORKER_TYPE_SYSTEM~WORKER_TYPE_USER Domain in E-Business Suite

This issue applies to all E-Business Suite adaptors.

EBS customers must perform these manual steps after running the upgrade load plan from 11.1.1.9.2 to 11.1.1.10.1:

1. After the upgrade load plan run, go to Configuration Managerand map the source domain to warehouse domain for WORKER_TYPE_SYSTEM~WORKER_TYPE_USER.using the Manage Domains and Mappings dialog.
2. After mapping the source to target domain, run the following scripts against the warehouse schema so that the impacted tables would be run in full mode during the next incremental run:

```
UPDATE w_etl_load_Dates SET COMMITTED=0 where TARGET_TABLE_NAME LIKE 'W_WRKFC_EVT_
%F%';
UPDATE w_etl_load_Dates SET COMMITTED=0 where TARGET_TABLE_NAME LIKE
'%EMPLOYMENT_D%';
```

W_Status_Code Populating With Error

This issue applies to warehouse status codes populating with error instead of valid codes for Fusion, E-Business, PeopleSoft, and JD Edwards releases.

W_STATUS_D.W_STATUS_CODE is populated as '__ERROR__'after upgrade from release 11.1.1.9.2 to 11.1.1.10.1 for W_STATUS_CLASS in FIN_AP_APPR_STATUS and FIN_AP_VALD_STATUS.

1. After the UPGRADE9.2 to 10.1 load completes and before running the next incremental load, run the following SQL script:

```
UPDATE W_ETL_LOAD_DATES SET COMMITTED=0 WHERE TARGET_TABLE_NAME='W_STATUS_DS'.
AND PACKAGE_NAME LIKE 'SDE_%_STATUSDIMENSION_FINAPAPPROVALSTATUS';
COMMIT;
UPDATE W_ETL_LOAD_DATES SET COMMITTED=0 WHERE TARGET_TABLE_NAME='W_STATUS_DS'.
AND PACKAGE_NAME LIKE 'SDE_%_STATUSDIMENSION_FINAPVALIDATIONSTATUS';
COMMIT;
```

2. After the incremental load completes, verify the W_STATUS_CODE data using the following query:

```
SELECT * FROM W_STATUS_D WHERE W_STATUS_CLASS IN
('FIN_AP_APPR_STATUS','FIN_AP_VALD_STATUS');
```

> **Note:** Records for 'FIN_AP_VALD_STATUS' will not be available for EBS11510, PSFTxx, and JDExx sources.

3. If still '__ERROR__' is seen, then run the following SQL script:

```
UPDATE W_STATUS_D SET W_STATUS_CODE=(SELECT DS.W_STATUS_CODE FROM W_STATUS_DS
DS WHERE W_STATUS_D.INTEGRATION_ID=DS.INTEGRATION_ID AND
W_STATUS_D.W_STATUS_CLASS IN ('FIN_AP_APPR_STATUS','FIN_AP_VALD_STATUS'));
COMMIT;
```

4. Verify the data.

SDE_ORA_ProductTransactionFact_Delete_UPG Package Fails in Upgrade BIApps 111192 to 1111101 EBS 1213 Load Plan

This issue applies to Oracle E-Business (EBS) users using EBS release 12.1.3 applications as a data source along with Supply Chain Management and Manufacturing Oracle BI Applications offerings and upgrading from Oracle BI Applications Release 11.1.1.9.2 to 11.1.1.10.1.

The `SDE_ORA_ProductTransactionFact_Delete_UPG` package is failing in the Upgrade BIApps 111192 to 1111101 EBS 1213 load plan.

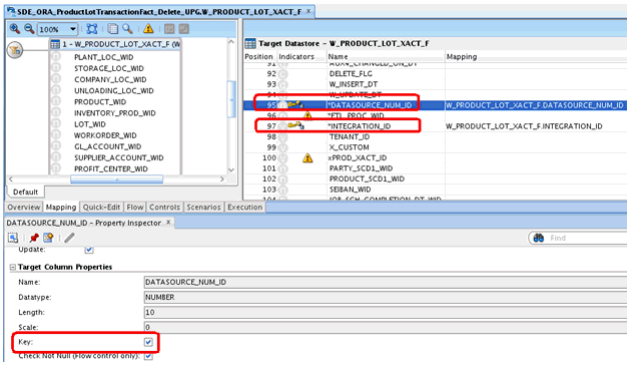
Workaround

Note: Ensure that you have access to the ODI Studio and an account with developer access to be able to patch the mappings.

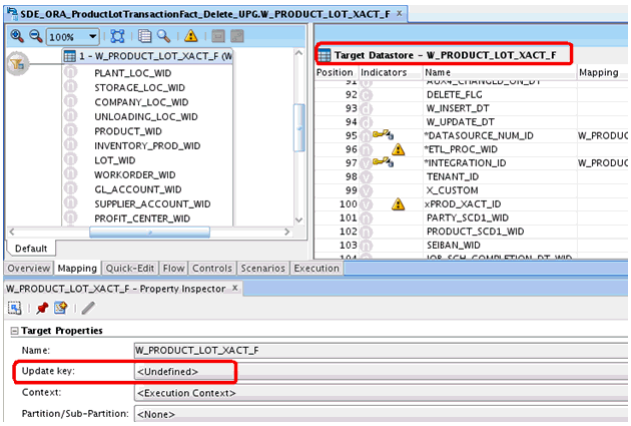
1. Open the ODI Studio and log in to the ODI Master Repository using a developer account.
2. Click **View**, click **ODI Designer Navigator** to go to the **Designer** tab. Expand **BI Apps Project** by clicking **Mappings**.
3. Scroll down to the Upgrade folder and open the relevant subfolder as follows:

Data Source EBS Release	Upgrade Mapping Folder Name
EBS R12	SDE_ORAR12_11.1.1.9.2_to_11.1.1.10.1_Upgrade
EBS R12.1.1	SDE_ORAR1211_11.1.1.9.2_to_11.1.1.10.1_Upgrade
EBS R12.1.2	SDE_ORAR1212_11.1.1.9.2_to_11.1.1.10.1_Upgrade
EBS R12.1.3	SDE_ORAR1213_11.1.1.9.2_to_11.1.1.10.1_Upgrade
EBS R12.2	SDE_ORAR122_11.1.1.9.2_to_11.1.1.10.1_Upgrade

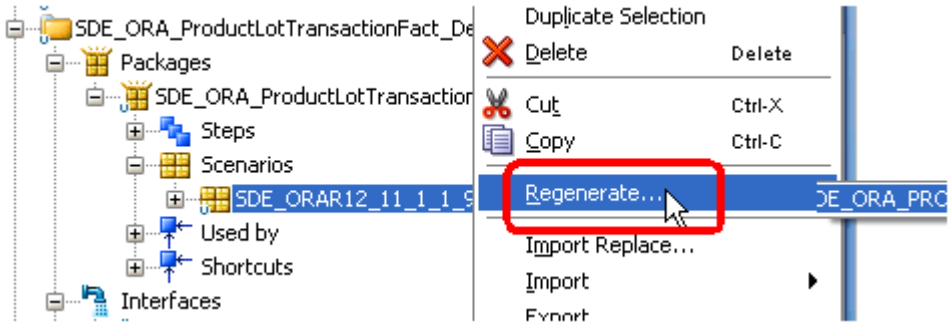
4. Expand the **SDE_ORA_ProductLotTransactionFact_Delete_UPG** package.
5. Edit the **SDE_ORA_ProductLotTransactionFact_Delete_UPG.W_PRODUCT_LOT_XACT_F** interface.
6. Select the **Key** check box for target columns **DATASOURCE_NUM_ID** and **INTEGRATION_ID**.



7. Click **Target Datastore Header** and set the **Update Key** drop-down to `<Undefined>`.



8. Save the mapping and regenerate the scenario.



E-Business Upgrade Load Plan Fails With No Value For BIAPPS.DDL_RUN_MODE Variable

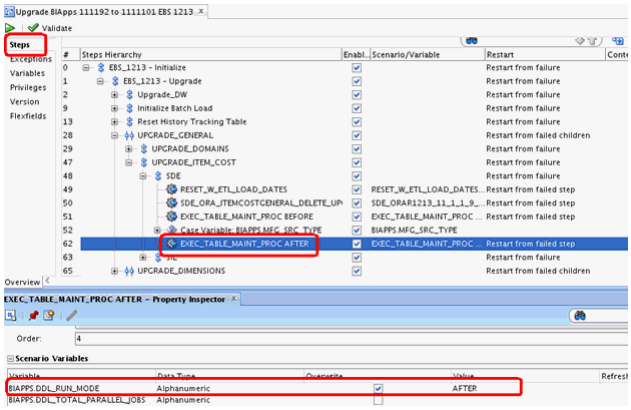
This issue applies to the Oracle E-Business (EBS) customers using EBS release 12.1.3 applications as data source and upgrading from Oracle BI Applications release 11.1.1.9.2 to 11.1.1.10.1.

The EBS Upgrade load plan is failing with no value for `BIAPPS.DDL_RUN_MODE` variable.

Workaround

> **Note:** Ensure that you have access to ODI Studio and an account with developer access to be able to patch the predefined load plan.

1. Open ODI Studio and log in to the ODI Master Repository using a developer account.
2. On Designer tab (View > ODI Designer Navigator), expand **Designer Navigator** subtab **Load Plans and Scenarios**.
3. Scroll down to the **Predefined Load Plans** folder and double-click the load plan **Upgrade BIApps 111192 to 1111101 EBS 1213**.
4. Click on **Steps** tab in the Left Navigation bar and expand **UPGRADE_GENERAL** > **UPGRADE_ITEM_COST** > **SDE**.
5. Click on Step **EXEC_TABLE_MAINT_PROC_AFTER**
6. Set AFTER as the value for **BIAPPS.DDL_RUN_MODE** variable.



7. Save and exit.

E-Business Upgrade Load Plan Fails With Table Model Not Returning Any Rows

This issue applies to Oracle E-Business release 12.1.3 users.

The table maintenance procedure called before and after in the upgrade load plan is passing incorrect table name `W_MFG_JOB_DAILY_SNP_F` in `DDL_TABLE_LIST` parameters.

Workaround

1. Open ODI Studio and log in to the ODI Master Repository using a developer account.
2. On Designer tab (View > ODI Designer Navigator), expand **Designer Navigator** subtab **Load Plans and Scenarios**.
3. Expand the **Upgrade Load Plan** folder and expand the **UPGRADE_FACTS** step.
4. Expand the **Is MFG enabled** step.

5. Navigate to the **SIL** step and expand the **MFG_SRC** step.
6. Correct the **DDL_TABLE_LIST** parameter value under the **EXEC_TABLE_MAINT_PROC_BEFORE** step to `W_MFG_JOB_DETAIL_SNP_F` instead of `W_MFG_JOB_DAILY_SNP_F`.
7. Expand the **PLP** step and correct the **DDL_TABLE_LIST** parameter value under the **EXEC_TABLE_MAINT_PROC_AFTER** step to `W_MFG_JOB_DETAIL_SNP_F` instead of `W_MFG_JOB_DAILY_SNP_F`.
8. Save the load plan.

Create Unique Index Error in PeopleSoft HCM Upgrade Load Plan

This issue applies to PeopleSoft load plans for Human Capital Management.

Duplicate records inserted to workforce event fact `W_WRKFC_EVT_F` during the following upgrade load plan runs:

- Upgrade BIApps 111192 to 1111101 PSFT 90 HCM
- Upgrade BIApps 111192 to 1111101 PSFT 91 HCM
- Upgrade BIApps 111192 to 1111101 PSFT 92 HCM

1. Go to Load Plan definition, open steps, and navigate to `UPGRADE_FACTS > Is HCM enabled > When Value = Y > HCM > SIL > WRKFRCEVT_FG`
2. Select the step **EXEC_TABLE_MAINT_PROC - DROP ALL** and rename it to `EXEC_TABLE_MAINT_PROC - BEFORE`
3. Under the **Scenario Variable** section, modify the **Value** for **BIAPPS.DDL_RUN_MODE** from `DROP_ALL` to `BEFORE`.
4. Go to load plan definition, navigate to Reset History Tracking Table > Reset - HCM - Warehouse.
5. Under **Scenario Variable** list for BIAPPS.DDL_TABLE_LIST, correct the table name for `W_WRKFC_EVT_POW_F` fact from `W_WRKFC_EVT_F,W_WRKFC_EVT_AGE_F,W_WKFC_EVT_POW_F,W_WRKFC_EVT_MERGE_F,W_WRKFC_EVT_MONTH_F,W_RCRTMNT_RQSTN_A_TMP2,W_RCRTMNT_RQSTN_A` to `W_WRKFC_EVT_F,W_WRKFC_EVT_AGE_F,W_WRKFC_EVT_POW_F,W_WRKFC_EVT_MERGE_F,W_WRKFC_EVT_MONTH_F,W_RCRTMNT_RQSTN_A_TMP2,W_RCRTMNT_RQSTN_A`.

Importing View Object to Physical and Logical Layers

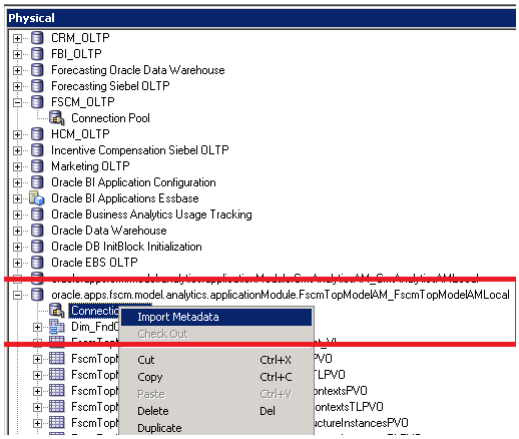
This issue applies to Fusion Direct (Non SAAS) run.

The full or incremental load after upgrade runs into an error as the `FscmTopModelAM.DooTopAM.ReturnReason` view object is missing in the 11.1.1.10.1 RPD.

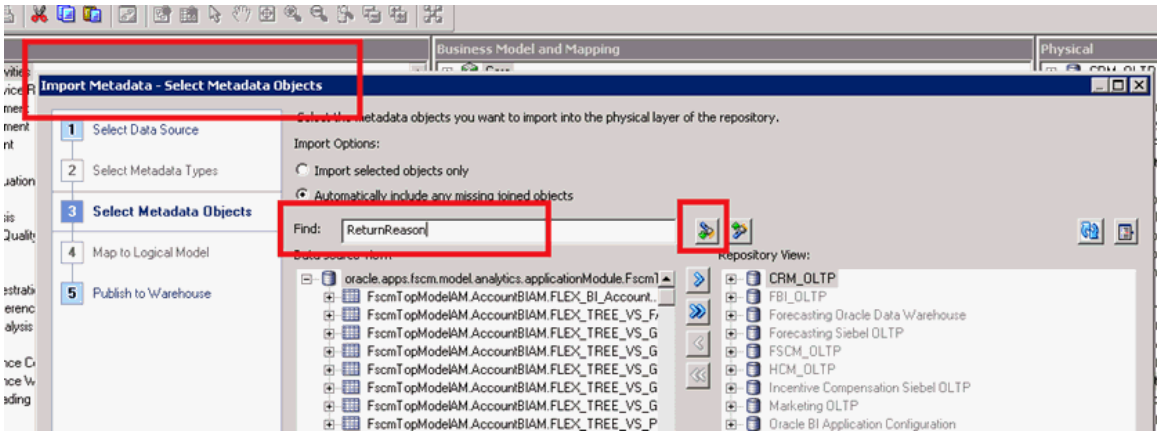
Workaround

Use these instructions to import the `FscmTopModelAM.DooTopAM.ReturnReason` view object in to the physical and logical layers.

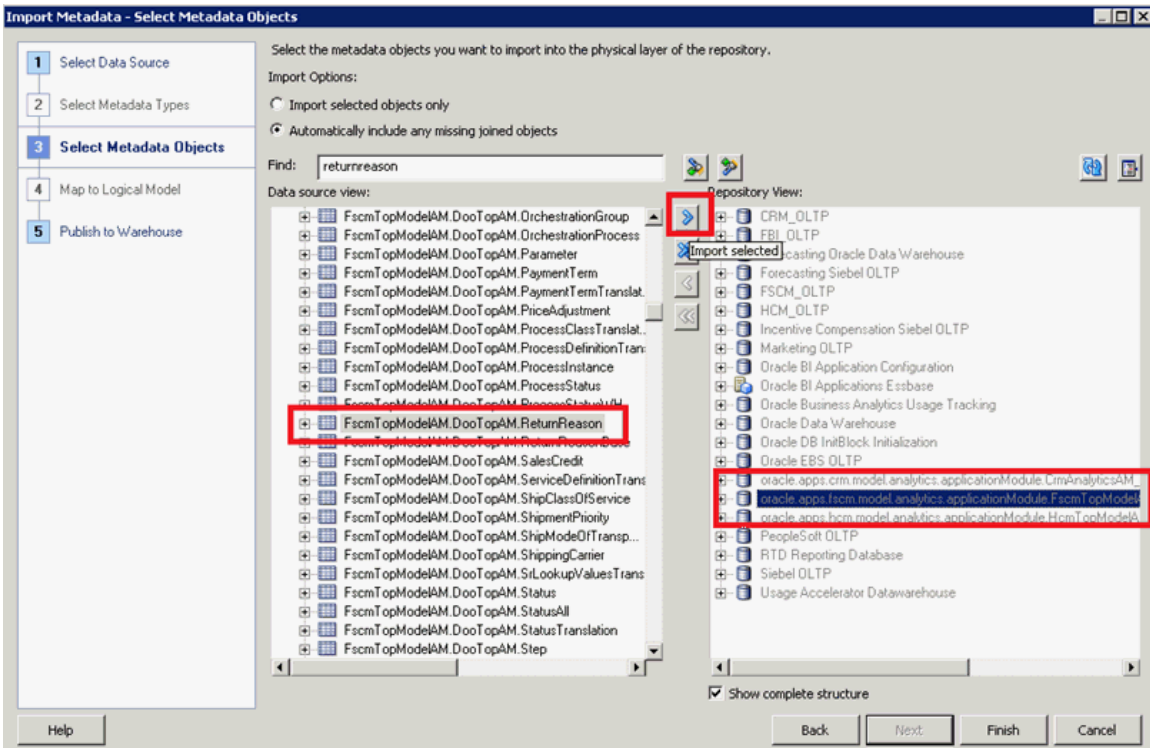
1. Stop BI Services and open RPD.
2. In the **Physical** Layer of the RPD, right click **Connection Pool** under **oracle.apps.fscm.model.analytics.applicationModule.FscmTopModelAM_FscmTopModelAMLocal**.



3. Click **Import Metadata**.
4. In the Import Metadata — Select Metadata Objects dialog, enter `ReturnReason` in the **Find** field and click **Search** icon.



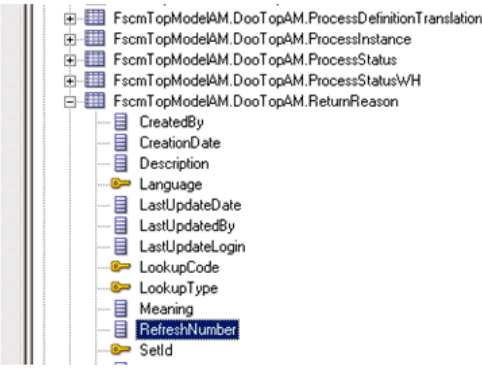
5. Select **FscmTopModelAM.DooTopAM.ReturnReason** in the Data Source View pane, select **oracle.apps.fscm.model.analytics.applicationModule.FscmTopModelAM_FscmTopModelAMLocal** in the Repository View pane, and click the **Import Selected** icon.



The Importing popup displays the import.

6. Click **Finish** when import is complete.

7. The previous steps were for the Physical Layer. Now add **RefreshNumber** attribute from the VO to the **Z - VO OBIA ETL** Logical Table in BMM Layer. Select the attribute, drag and drop it in to the **Z - VO OBIA ETL** logical table.



8. Save and close the RPD.

9. Restart the BI Services.

SDE_FUSION_TALENTMGMT_REQUIREMENTSFACT Fails In Fusion Direct Upgrade

This issue applies to Fusion Direct upgrade.

Upgrade BIApps 111192 to 1111101 FUSION 9 upgrade load plan fails with the following error:

```
error ORA-00001:unique constraint violated for Unique Constraints named
W_TLNT_PRFL_RQRMNT_FS_U1 and W_TLNT_PRFL_ACHVMNT_FS_U1
```

Workaround

1. Log in to Datawarehouse database schema.
2. Truncate **W_TLNT_PRFL_RQRMNT_FS** and **W_TLNT_PRFL_ACHVMNT_FS** tables.
3. Resubmit the load plan for execution.

Upgrading Fusion V1 Adaptor ODI Artifacts to Use Fusion 9 Adaptor

This issue applies to Fusion V1 adaptor ODI artifacts.

When upgrading Fusion V1 Adaptor ODI artifacts to use Fusion 9 Adaptor, the upgrade process from 11.1.1.9.2 to 11.1.1.10.1 as described in *Oracle Business Intelligence Applications Upgrade Guide* will not upgrade customization done on Fusion V1 Adaptor in Release 11.1.1.9.2 ODI repository.

Workaround

Redo your customization after successfully upgrading to Oracle BI Applications release 11.1.1.10.1.

Character Data Getting Trimmed While Using Cloud Adaptor During ODI Repository Upgrade

This issue applies to the Cloud adaptor FTS tasks execution process during the ODI repository upgrade.

While using Cloud Adaptor, Source data containing spaces in character data at the end of the string might get trimmed. This can in turn cause duplicate records to get created. As an example, assume Source Data has two primary key values as a and a. In the source, these are distinct records as the second record has an additional space. However if the space is trimmed, while loading the warehouse, it will result in both records having the same value and hence result in duplicates. Setting a property in the JDBC driver URL for the Physical connection for the files will stop the trimming from happening.

Workaround

To resolve the above issue, complete the following steps:

1. Connect to the 11.1.1.10.1 ODI Repository schema using Oracle data base client tools such as SQL plus or SQL Developer.
2. Run the following script:

```
/* Script Begins */

UPDATE SNP_MTXT MT SET MT.FULL_TXT='jdbc:snps:dbfile?
ENCODING=UTF-8'||'&'||'NO_RTRIM_DEL_STRING=true' WHERE MT.I_TXT IN  (SELECT
MT1.I_TXT FROM SNP_CONNECT CN INNER JOIN SNP_MTXT MT1 ON
MT1.I_TXT=CN.I_TXT_JAVA_URL AND
CN.JAVA_DRIVER='com.sunopsis.jdbc.driver.file.FileDriver' INNER JOIN SNP_TECHNO
TH ON CN.I_TECHNO=TH.I_TECHNO AND TH.TECH_INT_NAME='FILE');
COMMIT;

/* Script Ends */
```

This SQL script updates all existing file physical connections to have this property set. For example, the JDBC URL before the update statement is `jdbc:snps:dbfile?ENCODING=UTF-8`. Whereas, the JDBC URL after the update statement is `jdbc:snps:dbfile?ENCODING=UTF-8&NO_RTRIM_DEL_STRING=TRUE`.

Note:

Whenever you add a new file data server, you must ensure that you run the mentioned script or manually add the `NO_RTRIM_DEL_STRING=true` property to the file driver URL in the JDBC details dialog of the new connection in ODI. This applies only for File Physical connections and not other types. To verify if your file JDBC connection is fine, do the following:

- in ODI Studio's Topology Tab, click Technologies.
- Navigate to File and open the File Physical Data server connection you want to verify.
- Click on JDBC tab for that Data Server and verify that the JDBC URL is `jdbc:snps:dbfile?ENCODING=UTF-8&NO_RTRIM_DEL_STRING=TRUE`.

If you have applied this setting before performing upgrade of the BI Apps version, then this setting gets carried over to the upgraded repository. If, however, you did not perform this setting before the upgrade, then you must perform this post the upgrade. Otherwise you will notice that the character data is trimmed when using Cloud Adaptor.

Documentation Corrections

This information provides corrections and additions for documentation and Help for Oracle BI Applications.

General Documentation Issues

There are currently no documentation errors.

General Issues and Workarounds

These topics involve general issues and workarounds for Oracle BI Applications.

Absence Fact Has Zero Rows

This issue applies to People Soft Absence Adaptor.

Assignment Integration ID in Absence Event dimension is populated without space where as Workforce fact table does populate with space, hence SIL Absence fact interface fails over the following join condition and no data is loaded to the Absence fact table:

```
W_WRKFC_EVT_F.ASSIGNMENT_ID =
W_ABSENCE_EVENT_D.ASSIGNMENT_INTEGRATION_ID
```

Workaround

1. Log in to ODI repository using ODI Studio.
2. Navigate to the **SDE_PSFT_xx_Adaptor** mapping folder and open the **SDE_PSFT_AbsenceEventDimension_Preload.W_ABSENCE_EVENT_TMP** interface.
3. Navigate to **Quick Edit**, then **Mappings** tab, then **ASSIGNMENT_INTEGRATION_ID** Target Column Name.
4. Open **Mapping Expression** and change expression as follows:

   ```
   from
   TRIM(SQ_ABSENCE_HIST.EMPLID)||'~'||TO_CHAR(SQ_ABSENCE_HIST.EMPL_RCD)
   to
   SQ_ABSENCE_HIST.EMPLID||'~'||TO_CHAR(SQ_ABSENCE_HIST.EMPL_RCD
   ```

5. Save the interface.
6. Regenerate the scenario of this interface.
7. Regenerate the load plan.

ActivityResourcesFact and ActivityFact Failure

This issue applies to the Fusion adaptor.

ETL fails due to `SDE_FUSION_ActivityFact` and `SDE_FUSION_ActivityResourcesFact` failure.

1. Log into the Oracle Business Intelligence Administration Tool.
2. In the Physical Layer, navigate to the **Import Metadata** option for **CRManalytics**.
3. Select **Activity**, **Activity Assignee**, and **ActivityContact** view objects and click **Import Selected**.
4. After importing, click **Finish**.

TABS in Sourcing Dashboard Do Not Show Report or Graph

Workaround

1. Login to the environment with Admininstrator user.
2. Browse the catalog to the Sourcing folder:

   /Shared/Procurement/Analytic Library/
3. Find the Sourcing folder and click the **More** hyperlink below the Sourcing Folder and select **Permissions**.

4. Select the two check boxes **Apply permissions to Sub-folders** and **Apply permissions to item within folder** below the Permissions dialog box and click **OK**.

   The logged in user should have at least one of these assigned roles to be able to access the content of the sourcing dashboard and reports in Release 9:

   - BI Administrator Role
   - Procurement Executive Analysis Duty
   - Procurement Managerial Analysis Duty
   - Procurement and Spend Executive for EBS
   - Procurement and Spend Executive for PSFT
   - Purchasing Buyer for EBS
   - Purchasing Buyer for PSFT

NLS Regional Settings Not Save After Logout/Login

This issue applies to customers who want to use Configuration Manager and Functional Setup Manager (FSM) in non-English languages.

The changes in task Preferences > Regional or Preferences > Language are not saved properly after you log out the application and log in again.

Workaround

After logging in, if the preference settings (for example, UI language, number format, date format, time format, time-zone) are not set to the values as required, then users can go to task Preferences > Regional or Preferences > Language, change the preferences as required and save, and then continue to use other tasks without logging out.

Market Basket Analysis Facts and Dimensions Not Supported

Due to performance issues, Market Basket analysis related facts and dimensions are not supported.

List of logical facts not supported:

- - Fact - CRM - Next Order Same Account
- - Fact - CRM - Next Order Same Contact
- - Fact - CRM - Order Item Same
- - Fact - CRM - Product Affinity

List of logical dimensions not supported:

- - Dim - Market Basket Product
- - Dim - Next Product Purchased

Workaround

There is no workaround for this issue.

Error While Running SDE_FUSION_9_ADAPTOR_SDE_FUSION_PROJECTTASKDIMENSION Session

This issue applies to Fusion Direct incremental load plan.

`SDE_FUSION_9_ADAPTOR_SDE_FUSION_PROJECTTASKDIMENSION` session runs into an error while calling remote service ADFService11G.

Workaround

1. Log in to ODI Designer and select the **SDE Fusion 9** folder.
2. Expand **SDE_FUSION_ProjectTaskDimension**.
3. Open the main interface **SDE_FUSION_ProjectTaskDimension.W_TASK_DS**.
4. Navigate to the **Quick Edit** tab, open the **Mappings** section, and remove the expression from `AUX1_CHANGED_ON_DT`.
5. Open the temp interface **SDE_FUSION_ProjectTaskDimension.W_TASK_DS_SQ**, navigate to the **Quick Edit** tab, open the **Mappings** section, and delete the column `ProjectProgressPEOLastUpdateDate`.
6. Save.
7. Right click on **Packages-Scenarios** and regenerate the `SDE_FUSION_9_ADAPTOR_SDE_FUSION_PROJECTTASKDIMENSION` scenario

Fusion Direct Full Load ETL Results in SDE_FUSION_HRPERSONDIMENSION Failure

This issue applies to Fusion adaptor.

Fusion direct full load ETL results in SDE_FUSION_HRPERSONDIMENSION failure.

Workaround

Note: Ensure that you perform these steps before generating a new load plan.

1. Log in to ODI Studio and navigate to the Designer tab.
2. Navigate to **SDE_FUSION_HRPersonDimension.W_HR_PERSON_DS_SQ_PERSONDFF** interface.
3. Set column **s_k_5000** as `CAST(PERSONDFF.s_k_5000 AS VARCHAR(18))`.
4. Set column **PERSONDFF_SRC_LAST_UPDATE_DATE** as `RUN_REPLICATED_TRANSACTIONAL("#IS_SDS_DEPLOYED", PERSONDFF.LastUpdateDate, PERSONDFF.CDC $_SRC_LAST_UPDATE_DATE)`.
5. Regenerate the scenario.

Human Resources E-Business Suite Payroll Patches for Payroll Analytics

This issue applies to Human Resources Analytics Payroll Subject Area for E-Business Suite.

If you are implementing Human Resources Analytics Payroll Subject Area for E-Business Suite, then it is mandatory to follow the E-Business Suite Payroll patching policy mentioned in My Oracle Support Note 295406.1 *Mandatory Family Pack / Rollup Patch (RUP) levels for Oracle Payroll*.

Load Plan Schedules Missing After Regeneration

This issue applies to load plan regeneration.

After Load Plan is regenerated in Configuration Manager, the Load Plan schedule is missing.

Workaround

Before regenerating a Load Plan, remove all existing schedules and recreate them after regeneration is complete.

Non-supported Attributes and Metrics

Full DW Refresh is enforced on the Valuation Fact-Group (VALUATION_FG) on these ETL Adapters.

Peoplesoft:

On Peoplesoft datasource, the following Dimension Attributes are not supported:

```
"Lot"."Best By Date"
"Lot"."color"
"Lot"."Length"
"Lot"."Length UOM"
"Lot"."Thickness"
"Lot"."Thickness UOM"
"Lot"."Volume"
"Lot"."colume UOM"
"Lot"."Width"
"Lot"."Width UOM"
"Movement Type"."Transaction Action Code"
"Movement Type"."Transaction Action Description"
```

On Peoplesoft datasources, the following Metrics are not supported:

```
BMM:  "Core"."Fact - Supply Chain - Inventory Transaction"."Material Quantity"
BMM:  "Core"."Fact - Supply Chain - Inventory Transaction"."Material Amount"
BMM:  "Core"."Fact - Supply Chain - Inventory Transaction"."Total Material Amount
Last 365 Days"
Presentation: "Inventory - Transactions".."Fact - Inventory Transactions"."Material
Quantity"
Presentation: "Costing - Item Cost".."Fact - Costing - Item Cost"."Profit In
Inventory"
Presentation: "Costing - Item Cost".."Fact - Costing - Item Cost"."Percentage of
Profit In Inventory"
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”In Transit Quantity”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Receiving Quantity”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Allocated Quantity”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Un Allocated Quantity”
```

```
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.” # of Products Requiring
Reorder”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Value Only Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Value Transfer Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Returned Quantity”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Replenishment Quantity”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.” Inspection Consignment
Quantity”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Reorder Point”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.” Inspection Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Returned Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Replenishment Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”Inspection Consignment Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.”WIP Amount”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.” Returned Quantity Year Ago”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.” Chg Returned Quantity Year
Ago”
BMM: “Core”.”Fact – Supply Chain - Inventory Balance”.” Chg Returned Quantity % Year
Ago”
Presentation: “Facts - Inventory Balance”.”In Transit Quantity”
Presentation: “Facts - Inventory Balance”.”Receiving Quantity”
Presentation: “Facts - Inventory Balance”.”Allocated Quantity”
Presentation: “Facts - Inventory Balance”.”Un Allocated Quantity”
Presentation: “Facts - Inventory Balance”.”Replenishment Quantity”
Presentation: “Facts - Inventory Balance”.”Inspection Consignment Quantity”
Presentation: “Facts - Inventory Balance”.”# of Products Requiring Reorder”
```

On Peoplesoft datasource, the following Presentation Subject Area is not supported:

```
Inventory - Bill of Materials
```

On Peoplesoft datasources, there is changed behavior on the following Attributes:

```
"Inventory - Transactions".."Inventory Details"."Debit Credit Flag"
"Inventory - Customer and Supplier Returns".."Inventory Details"."Debit Credit Flag"
```

An additional value **B** represents `Bin-to-Bin` transfers. It will show up as neither Debits or Credits in the reports.

On peoplesoft datasource, the following Logical Tables and corresponding Dimensions are not supported:

```
Dim - Balancing Segment
Dim - Product Transaction Type (Stays deprecated)
Dim - Cost Valuation Unit
```

On Peoplesoft datasources, `CST_COST_ELEMENT` and `CST_COST_ELEMENT_TYPES` source domains have an additional grain of `SETID`. Hence, you must set these in Configuration Manager with a pattern of `COST_ELEMENT~SETID`.

Notes on behavior of specific Attributes and Metrics on Peoplesoft datasource:

- BMM: "Core"."Fact - Supply Chain - Inventory Aging"."Days In Inventory" (affects of Date Received)

  The “Days In Inventory” metric is defined as the number of days between the Date Received and the date of data extraction. The Date Received, for PeopleSoft Inventory, is retrieved from the latest Receipt Header record which matches a particular Physical Inventory record. If no Receipt Header can be found, then the Staged Date of the Physical Inventory is used. If there is no associated Receipt

Header and no Staged Date for a Physical Inventory record, then Days In Inventory will not be populated for that record.

- BMM: "Core"."Fact - Supply Chain - Inventory Aging"."Days Left Expiry" and "Days Since Expired" (affects of Date Received)

  The "Days Left Expiry" and "Days Since Expired" metrics are defined as the days between the Expiration Date for a Physical Inventory item and the date of data extraction. For lot controlled items, the Expiration Date is derived from the lot control record. For other items, the Expiration Date is derived by adding the item's Shelf Life to the Date Received.

- Plant Location

  In the PeopleSoft adaptor, Plant Locations are retrieved for every Business Unit which is marked with a Business Unit Type of "PLNT". Only "PLNT" type Business Units are represented in the Plant Location Dimension.

Correction to Column Precision Value W_PURCH_CHANGE_ORDER_F_DEL.DATASOURCE_NUM_ID

This issue applies to correcting the column precision value.

Precision value for number data type `Column DATASOURCE_NUM_ID` is wrongly set in the `W_PURCH_CHANGE_ORDER_F_DEL` table.

Workaround

1. In ODI Studio, navigate to Designer > Models > Oracle BI Applications folder.
2. Right click and open Oracle BI Applications > Delete folder > Open the `W_PURCH_CHANGE_ORDER_F_DEL` table.
3. Edit the table. Go to Columns section and change the `DATASOURCE_NUM_ID` column logical length to 10 and change the scale to 0.
4. Save the model and close.

Data Extraction Error 'XXXDFFBIVO of type View Definition is not found'

This issue applies to Fusion Applications on-premises data sources.

If during load plan execution you see the error message `XXXDFFBIVO of type View Definition is not found`(or similar), then you must check your Flexfield deployment. You might have an incomplete flexfield setup.

Workaround

Make sure that your flexfield setup is complete.

BI Metadata Repository Issue in Fusion Applications for Security View

Fusion Applications supports 18 levels of Territory Hierarchy, but the opaque security view`Dim_Security_PrimaryTerritoryHierarchy_TerritoryResourceQuota` in the repository uses only 12 levels.

This results in a data security issue, where users are not able to view all records.

Workaround

1. In Oracle BI Administration Tool, edit the repository.
2. Click **Physical**, click **Oracle Data Warehouse** and select **Dim_Security_PrimaryTerritoryHierarchy_TerritoryResourceQuota**.
3. Change the Default Initialization String to the following SQL statement:

> **Note:** In the SQL statement, for each of the Territory Hierarchy levels 0 to 17, repeat the 'OR' clause with a CASE statement 'case VALUEOF(*n*, NQ_SESSION.TERR_HIER_LEVEL_LIST)...'.

```
select T.TERR_WID as TERR_WID,
'Y' as PRI_TERR_HIER_SEC_FLG
from W_TERR_DH T
where T.CURRENT_FLG = 'Y'
and
(
(
case VALUEOF(0, NQ_SESSION.TERR_HIER_LEVEL_LIST)
  when '0' then T.BASE_TERR_ID
  when '1' then T.LVL1_TERR_ID
  when '2' then T.LVL2_TERR_ID
  when '3' then T.LVL3_TERR_ID
  when '4' then T.LVL4_TERR_ID
  when '5' then T.LVL5_TERR_ID
  when '6' then T.LVL6_TERR_ID
  when '7' then T.LVL7_TERR_ID
  when '8' then T.LVL8_TERR_ID
  when '9' then T.LVL9_TERR_ID
  when '10' then T.LVL10_TERR_ID
  when '11' then T.LVL11_TERR_ID
  when '12' then T.LVL12_TERR_ID
  when '13' then T.LVL13_TERR_ID
  when '14' then T.LVL14_TERR_ID
  when '15' then T.LVL15_TERR_ID
  when '16' then T.LVL16_TERR_ID
  when '17' then T.TOP_LVL_TERR_ID
else 'NO_VALUE'
end
) in (VALUELISTOF(NQ_SESSION.SUPER_TERR_LIST))
or
(
case VALUEOF(1, NQ_SESSION.TERR_HIER_LEVEL_LIST)
  when '0' then T.BASE_TERR_ID
  when '1' then T.LVL1_TERR_ID
  when '2' then T.LVL2_TERR_ID
  when '3' then T.LVL3_TERR_ID
  when '4' then T.LVL4_TERR_ID
  when '5' then T.LVL5_TERR_ID
  when '6' then T.LVL6_TERR_ID
  when '7' then T.LVL7_TERR_ID
  when '8' then T.LVL8_TERR_ID
  when '9' then T.LVL9_TERR_ID
  when '10' then T.LVL10_TERR_ID
  when '11' then T.LVL11_TERR_ID
  when '12' then T.LVL12_TERR_ID
  when '13' then T.LVL13_TERR_ID
```

```
  when '14' then T.LVL14_TERR_ID
  when '15' then T.LVL15_TERR_ID
  when '16' then T.LVL16_TERR_ID
  when '17' then T.TOP_LVL_TERR_ID
else 'NO_VALUE'
end
) in (VALUELISTOF(NQ_SESSION.SUPER_TERR_LIST))
...
...and so on.
...
or
(
case VALUEOF(17, NQ_SESSION.TERR_HIER_LEVEL_LIST)
  when '0' then T.BASE_TERR_ID
  when '1' then T.LVL1_TERR_ID
  when '2' then T.LVL2_TERR_ID
  when '3' then T.LVL3_TERR_ID
  when '4' then T.LVL4_TERR_ID
  when '5' then T.LVL5_TERR_ID
  when '6' then T.LVL6_TERR_ID
  when '7' then T.LVL7_TERR_ID
  when '8' then T.LVL8_TERR_ID
  when '9' then T.LVL9_TERR_ID
  when '10' then T.LVL10_TERR_ID
  when '11' then T.LVL11_TERR_ID
  when '12' then T.LVL12_TERR_ID
  when '13' then T.LVL13_TERR_ID
  when '14' then T.LVL14_TERR_ID
  when '15' then T.LVL15_TERR_ID
  when '16' then T.LVL16_TERR_ID
  when '17' then T.TOP_LVL_TERR_ID
else 'NO_VALUE'
end
) in (VALUELISTOF(NQ_SESSION.SUPER_TERR_LIST))
)
```

Error During ATG Schema Upgrade

This issue applies to Fusion Application environments during the upgrade of the ATG schema, which results in a database error.

> **Note:** This issue appears when you upgrade from 11.1.1.9.2 to 11.1.10.1. However, this issue does not occur when you perform a fresh 11.1.1.10.1 install.

```
UPGAST-00176: Response file specifies an unknown upgrade step ATG.ATGLITE. The
command failed to complete successfully.
```

Workaround

1. Login into the database using `sysdba`credentials.
2. Execute the following query:

```
update schema_version_registry set COMP_ID='ATGLITE' where COMP_ID='ATG' and
OWNER='<BIACOMP_SCHEMA_OWNER>'
```

Error While Running ETL in Windows 2008

This issue applies to running ETL in Windows 2008.

To resolve the error that you may encounter while running ETL in Windows 2008, use the following workaround.

Workaround

While running ETL in Windows, ensure that the file path in Configuration Manager to register `src` uses forward slashes as follows:

```
C:/work/biappsdw10.1dw/biappsmw3/Oracle_BI1/biapps/etl/
data_files/src_files/PSFT_9_0
```

Inactive Indexes for Qualified Segments

Unique indexes defined on `W_COST_CENTER_DS`, `W_NATURAL_ACCOUNT_DS` and `W_BALANCING_SEGMENT_DS` tables are made inactive in this release. Hence, drop these indexes from the Oracle Business Analytics Warehouse.

Workaround

Run the following drop index scripts on the Oracle Business Analytics Warehouse:

- `DROP INDEX W_COST_CENTER_DS_U1`
- `DROP INDEX W_NATURAL_ACCOUNT_DS_U1`
- `DROP INDEX W_BALANCING_SEGMENT_DS_U1`

Note: Ignore, if you get an error message saying that the specified index doesn't exist.

Limitation to Use One Subject Area Column for Fusion Cloud Adaptor

This issue applies to Fusion Cloud Adaptor.

If you are using the Fusion Cloud adaptor, then in subject area **Procurement and Spend - Change Orders**, do not use the **Bill To Business Unit.Bill To Business Unit Default Set Name** column for reporting.

Workaround

There is no workaround.

No External Data Support for UOM

For External data support, Unit Of Measure (UOM) maps need to call PL/SQL procedures in E-Business Suite to get the UOM conversions.

Workaround

Follow these instructions to manually generate the UOM Data from the E-Business Suite (EBS) source:

1. Use the four SQL code examples to manually generate the UOM Data from the E-Business Suite (EBS) source.

   a. Replace the #BIAPPS.LANGUAGE_BASE with the correct values for your implementation.

   b. For an Incremental Load, replace 1=1 with the following filter value at places ***highlighted*** in the queries:

   ```
   CONV.LAST_UPDATE_DATE>TO_DATE(SUBSTR('#BIAPPS.LAST_EXTRACT_DATE',
   0,19),'YYYY-MM-DD HH24:MI:SS')
   Example with values - CONV.LAST_UPDATE_DATE>TO_DATE(SUBSTR('2015-07-19
   06:32:34',0,19),'YYYY-MM-DD HH24:MI:SS')
   ```

2. Run each of these SQL code examples and create the csv file. The Name of the csv file should be in the following format:

   file_W_SDS_UOM_CONVERSION_....<SYSTIME>

3. Copy this csv file in the Replicator directory where other csv files are stored.

4. Ensure that the IS_SDS_DEPLOYED parameter is set to Y at the global level and at the Dimension Group Level for UOM_DIM. Use the Manage Dataload Parameters dialog in Configuration Manager to set the parameter.

5. Continue with the normal load.

SQL Code Examples

Use the following SQL code examples:

Interclass

```
SELECT TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.INVENTORY_ITEM_ID) PRODUCT_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.ConversionRate) CONVERSION_RATE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.CREATION_DATE, 'YYYY-MM-DD') CREATED_ON_DT,
TO_CHAR(NVL(SQ_MTL_UOM_CONV_INTERCLASS.LAST_UPDATE_DATE, SYSDATE), 'YYYY-MM-DD')
CHANGED_ON_DT,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.CREATED_BY) CREATED_BY_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.LAST_UPDATED_BY) CHANGED_BY_ID,
  SQ_MTL_UOM_CONV_INTERCLASS.X_CUSTOM X_CUSTOM,
  SQ_MTL_UOM_CONV_INTERCLASS.FROM_UOM_CODE FROM_UOM_CODE,
  SQ_MTL_UOM_CONV_INTERCLASS.TO_UOM_CODE TO_UOM_CODE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.INVENTORY_ITEM_ID) INVENTORY_ITEM_ID
FROM
  (
  /* Subselect from
SDE_ORA_UOMConversionGeneral_InterClass.W_UOM_CONVERSION_GS_SQ_MTL_UOM_CONV_INTERCLAS
S
  */
  SELECT UOM_CLASS_CONVERSIONS.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    UOM_CLASS_CONVERSIONS.FROM_UOM_CODE FROM_UOM_CODE,
    UOM_CLASS_CONVERSIONS.TO_UOM_CODE TO_UOM_CODE,
    UOM_CLASS_CONVERSIONS.LAST_UPDATE_DATE LAST_UPDATE_DATE,
    UOM_CLASS_CONVERSIONS.LAST_UPDATED_BY LAST_UPDATED_BY,
    UOM_CLASS_CONVERSIONS.CREATION_DATE CREATION_DATE,
    UOM_CLASS_CONVERSIONS.CREATED_BY CREATED_BY,
    UOM_CLASS_CONVERSIONS.X_CUSTOM X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( UOM_CLASS_CONVERSIONS.INVENTORY_ITEM_ID, 10,
NULL, UOM_CLASS_CONVERSIONS.FROM_UOM_CODE, UOM_CLASS_CONVERSIONS.TO_UOM_CODE, NULL,
NULL, 'U' ) ConversionRate
  FROM
```

```
    (
    /* Subselect from
SDE_ORA_UOMConversionGeneral_InterClass.W_UOM_CONVERSION_GS_INTERCLASS_CLASS_CONVERSI
ONS
    */
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      UOM_FROM.UOM_CODE FROM_UOM_CODE,
      UOM_TO.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UNITS_OF_MEASURE UOM_FROM,
      APPS.MTL_UNITS_OF_MEASURE UOM_TO,
      APPS.MTL_UOM_CLASS_CONVERSIONS CONV,
      APPS.MTL_SYSTEM_ITEMS_B ITEM
    WHERE (1                                =1)
    AND (UOM_TO.UOM_CODE                    =ITEM.PRIMARY_UOM_CODE
    AND CONV.INVENTORY_ITEM_ID              =ITEM.INVENTORY_ITEM_ID)
    AND (UOM_FROM.UOM_CLASS                 =CONV.FROM_UOM_CLASS)
    AND (UOM_TO.UOM_CLASS                   =CONV.TO_UOM_CLASS)
    AND (UOM_TO.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
    AND (UOM_FROM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
    AND (NVL(UOM_FROM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(UOM_TO.DISABLE_DATE,SYSDATE)  >=SYSDATE)
    AND ( 1                                 =1 )
    UNION
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      UOM_TO.UOM_CODE FROM_UOM_CODE,
      UOM_FROM.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UNITS_OF_MEASURE UOM_FROM,
      APPS.MTL_UNITS_OF_MEASURE UOM_TO,
      APPS.MTL_UOM_CLASS_CONVERSIONS CONV,
      APPS.MTL_SYSTEM_ITEMS_B ITEM
    WHERE (1                                =1)
    AND (CONV.INVENTORY_ITEM_ID             = ITEM.INVENTORY_ITEM_ID
    AND UOM_FROM.UOM_CODE                   = ITEM.PRIMARY_UOM_CODE)
    AND (UOM_FROM.UOM_CLASS                 =CONV.FROM_UOM_CLASS)
    AND (UOM_TO.UOM_CLASS                   =CONV.TO_UOM_CLASS)
    AND (UOM_FROM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
    AND (UOM_TO.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
    AND (NVL(UOM_FROM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(UOM_TO.DISABLE_DATE,SYSDATE)  >=SYSDATE)
    AND ( 1                                 =1 )
    ) UOM_CLASS_CONVERSIONS
  WHERE (1=1)
  MINUS
  SELECT UOM_NON_CLASS_CONVERSIONS.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    UOM_NON_CLASS_CONVERSIONS.FROM_UOM_CODE FROM_UOM_CODE,
    UOM_NON_CLASS_CONVERSIONS.TO_UOM_CODE TO_UOM_CODE,
    UOM_NON_CLASS_CONVERSIONS.LAST_UPDATE_DATE LAST_UPDATE_DATE,
    UOM_NON_CLASS_CONVERSIONS.LAST_UPDATED_BY LAST_UPDATED_BY,
    UOM_NON_CLASS_CONVERSIONS.CREATION_DATE CREATION_DATE,
```

```
    UOM_NON_CLASS_CONVERSIONS.CREATED_BY CREATED_BY,
    UOM_NON_CLASS_CONVERSIONS.X_CUSTOM X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( UOM_NON_CLASS_CONVERSIONS.INVENTORY_ITEM_ID, 10,
NULL, UOM_NON_CLASS_CONVERSIONS.FROM_UOM_CODE,
UOM_NON_CLASS_CONVERSIONS.TO_UOM_CODE, NULL, NULL, 'U' ) ConversionRate
  FROM
    (
    /* Subselect from
SDE_ORA_UOMConversionGeneral_InterClass.W_UOM_CONVERSION_GS_INTERCLASS_NON_CLASS_CONV
ERSIONS
    */
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      FROM_UOM.UOM_CODE FROM_UOM_CODE,
      TO_UOM.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UOM_CONVERSIONS CONV,
      APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
      APPS.MTL_UNITS_OF_MEASURE TO_UOM,
      APPS.MTL_SYSTEM_ITEMS_B ITEM
    WHERE (1                              =1)
    AND (CONV.INVENTORY_ITEM_ID           =ITEM.INVENTORY_ITEM_ID
    AND TO_UOM.UOM_CODE                   =ITEM.PRIMARY_UOM_CODE)
    AND (CONV.UOM_CLASS                   =TO_UOM.UOM_CLASS)
    AND (CONV.UOM_CLASS                   =FROM_UOM.UOM_CLASS)
    AND (FROM_UOM.UNIT_OF_MEASURE         =CONV.UNIT_OF_MEASURE)
    AND (FROM_UOM.LANGUAGE                ='#BIAPPS.LANGUAGE_BASE')
    AND (TO_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
    AND (NVL(TO_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)  >=SYSDATE)
        AND ( 1                                =1 )
    UNION
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      FROM_UOM.UOM_CODE FROM_UOM_CODE,
      TO_UOM.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UOM_CONVERSIONS CONV,
      APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
      APPS.MTL_UNITS_OF_MEASURE TO_UOM,
      APPS.MTL_SYSTEM_ITEMS_B ITEM
    WHERE (1                                =1)
    AND (CONV.INVENTORY_ITEM_ID             =ITEM.INVENTORY_ITEM_ID
    AND TO_UOM.UOM_CODE                     =ITEM.PRIMARY_UOM_CODE)
    AND (CONV.UOM_CLASS                     =FROM_UOM.UOM_CLASS)
    AND (CONV.UOM_CLASS                     =TO_UOM.UOM_CLASS)
    AND (TO_UOM.UNIT_OF_MEASURE             =CONV.UNIT_OF_MEASURE)
    AND (FROM_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
    AND (TO_UOM.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
    AND (NVL(FROM_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
    AND ( 1                                 =1 )
    ) UOM_NON_CLASS_CONVERSIONS
  WHERE (1=1)
```

```
  ) SQ_MTL_UOM_CONV_INTERCLASS
WHERE (1=1)
```

Interclass_Resource

```
SELECT TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.INVENTORY_ITEM_ID) PRODUCT_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.ConversionRate) CONVERSION_RATE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.CREATION_DATE, 'YYYY-MM-DD') CREATED_ON_DT,
TO_CHAR(NVL(SQ_MTL_UOM_CONV_INTERCLASS.LAST_UPDATE_DATE, SYSDATE), 'YYYY-MM-DD')
CHANGED_ON_DT,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.CREATED_BY) CREATED_BY_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.LAST_UPDATED_BY) CHANGED_BY_ID,
  SQ_MTL_UOM_CONV_INTERCLASS.X_CUSTOM X_CUSTOM,
  SQ_MTL_UOM_CONV_INTERCLASS.FROM_UOM_CODE FROM_UOM_CODE,
  SQ_MTL_UOM_CONV_INTERCLASS.TO_UOM_CODE TO_UOM_CODE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTERCLASS.INVENTORY_ITEM_ID) INVENTORY_ITEM_ID
FROM
  (
  /* Subselect from
SDE_ORA_UOMConversionGeneral_InterClass_Resource.W_UOM_CONVERSION_GS_SQ_MTL_UOM_CONV_
INTERCLASS
  */
  SELECT UOM_CLASS_CONVERSIONS.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    UOM_CLASS_CONVERSIONS.FROM_UOM_CODE FROM_UOM_CODE,
    UOM_CLASS_CONVERSIONS.TO_UOM_CODE TO_UOM_CODE,
    UOM_CLASS_CONVERSIONS.LAST_UPDATE_DATE LAST_UPDATE_DATE,
    UOM_CLASS_CONVERSIONS.LAST_UPDATED_BY LAST_UPDATED_BY,
    UOM_CLASS_CONVERSIONS.CREATION_DATE CREATION_DATE,
    UOM_CLASS_CONVERSIONS.CREATED_BY CREATED_BY,
    UOM_CLASS_CONVERSIONS.X_CUSTOM X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( UOM_CLASS_CONVERSIONS.INVENTORY_ITEM_ID, 10,
NULL, UOM_CLASS_CONVERSIONS.FROM_UOM_CODE, UOM_CLASS_CONVERSIONS.TO_UOM_CODE, NULL,
NULL, 'U' ) ConversionRate
  FROM
    (
    /* Subselect from
SDE_ORA_UOMConversionGeneral_InterClass_Resource.W_UOM_CONVERSION_GS_INTERCLASS_CLASS
_CONVERSIONS
    */
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      UOM_FROM.UOM_CODE FROM_UOM_CODE,
      UOM_TO.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UNITS_OF_MEASURE UOM_FROM,
      APPS.MTL_UNITS_OF_MEASURE UOM_TO,
      APPS.MTL_UOM_CLASS_CONVERSIONS CONV
    WHERE (1                                =1)
    AND (UOM_TO.UOM_CLASS                   =CONV.TO_UOM_CLASS)
    AND (UOM_FROM.UOM_CLASS                 =CONV.FROM_UOM_CLASS)
    AND ( 1                                 =1 )
    AND (NVL(UOM_FROM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(UOM_TO.DISABLE_DATE,SYSDATE)  >=SYSDATE)
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
    AND (UOM_TO.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
    AND (UOM_FROM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
    AND (CONV.INVENTORY_ITEM_ID             =0)
    UNION
```

```
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      UOM_TO.UOM_CODE FROM_UOM_CODE,
      UOM_FROM.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UNITS_OF_MEASURE UOM_FROM,
      APPS.MTL_UNITS_OF_MEASURE UOM_TO,
      APPS.MTL_UOM_CLASS_CONVERSIONS CONV
    WHERE (1                                =1)
    AND (UOM_FROM.UOM_CLASS                 =CONV.FROM_UOM_CLASS)
    AND (UOM_TO.UOM_CLASS                   =CONV.TO_UOM_CLASS)
    AND ( 1                                 =1 )
    AND (NVL(UOM_FROM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(UOM_TO.DISABLE_DATE,SYSDATE)  >=SYSDATE)
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
    AND (UOM_TO.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
    AND (UOM_FROM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
    AND (CONV.INVENTORY_ITEM_ID             =0)
    ) UOM_CLASS_CONVERSIONS
  WHERE (1=1)
  MINUS
  SELECT UOM_NON_CLASS_CONVERSIONS.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    UOM_NON_CLASS_CONVERSIONS.FROM_UOM_CODE FROM_UOM_CODE,
    UOM_NON_CLASS_CONVERSIONS.TO_UOM_CODE TO_UOM_CODE,
    UOM_NON_CLASS_CONVERSIONS.LAST_UPDATE_DATE LAST_UPDATE_DATE,
    UOM_NON_CLASS_CONVERSIONS.LAST_UPDATED_BY LAST_UPDATED_BY,
    UOM_NON_CLASS_CONVERSIONS.CREATION_DATE CREATION_DATE,
    UOM_NON_CLASS_CONVERSIONS.CREATED_BY CREATED_BY,
    UOM_NON_CLASS_CONVERSIONS.X_CUSTOM X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( UOM_NON_CLASS_CONVERSIONS.INVENTORY_ITEM_ID, 10,
NULL, UOM_NON_CLASS_CONVERSIONS.FROM_UOM_CODE,
UOM_NON_CLASS_CONVERSIONS.TO_UOM_CODE, NULL, NULL, 'U' ) ConversionRate
  FROM
    (
    /* Subselect from
SDE_ORA_UOMConversionGeneral_InterClass_Resource.W_UOM_CONVERSION_GS_INTERCLASS_NON_C
LASS_CONVERSIONS
    */
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      FROM_UOM.UOM_CODE FROM_UOM_CODE,
      TO_UOM.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UOM_CONVERSIONS CONV,
      APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
      APPS.MTL_UNITS_OF_MEASURE TO_UOM
    WHERE (1                                =1)
    AND (CONV.UOM_CLASS                     =FROM_UOM.UOM_CLASS)
    AND (FROM_UOM.UNIT_OF_MEASURE           =CONV.UNIT_OF_MEASURE)
    AND (CONV.UOM_CLASS                     =TO_UOM.UOM_CLASS)
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)  >=SYSDATE)
    AND (NVL(TO_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND ( 1                                 =1 )
    AND (TO_UOM.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
    AND (FROM_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
```

```
    AND (CONV.INVENTORY_ITEM_ID           =0)
    UNION
    SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
      FROM_UOM.UOM_CODE FROM_UOM_CODE,
      TO_UOM.UOM_CODE TO_UOM_CODE,
      NULL LAST_UPDATE_DATE,
      '0' LAST_UPDATED_BY,
      NULL CREATION_DATE,
      '0' CREATED_BY,
      '0' X_CUSTOM
    FROM APPS.MTL_UOM_CONVERSIONS CONV,
      APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
      APPS.MTL_UNITS_OF_MEASURE TO_UOM
    WHERE (1                              =1)
    AND (TO_UOM.UNIT_OF_MEASURE           =CONV.UNIT_OF_MEASURE)
    AND (CONV.UOM_CLASS                   =TO_UOM.UOM_CLASS)
    AND (CONV.UOM_CLASS                   =FROM_UOM.UOM_CLASS)
    AND ( 1                               =1 )
    AND (NVL(FROM_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
    AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
    AND (FROM_UOM.LANGUAGE                =
    AND (TO_UOM.LANGUAGE                  =
    AND (CONV.INVENTORY_ITEM_ID           =0)
    ) UOM_NON_CLASS_CONVERSIONS
  WHERE (1=1)
  ) SQ_MTL_UOM_CONV_INTERCLASS
WHERE (1=1)
```

Intraclass

```
SELECT TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.INVENTORY_ITEM_ID) PRODUCT_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.ConversionRate) CONVERSION_RATE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.CREATION_DATE, 'YYYY-MM-DD') CREATED_ON_DT,
TO_CHAR(NVL(SQ_MTL_UOM_CONV_INTRACLASS.LAST_UPDATE_DATE, SYSDATE), 'YYYY-MM-DD')
CHANGED_ON_DT,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.CREATED_BY) CREATED_BY_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.LAST_UPDATED_BY) CHANGED_BY_ID,
  SQ_MTL_UOM_CONV_INTRACLASS.X_CUSTOM X_CUSTOM,
  SQ_MTL_UOM_CONV_INTRACLASS.FROM_UOM_CODE FROM_UOM_CODE,
  SQ_MTL_UOM_CONV_INTRACLASS.TO_UOM_CODE TO_UOM_CODE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.INVENTORY_ITEM_ID) INVENTORY_ITEM_ID
FROM
  (
  /* Subselect from
SDE_ORA_UOMConversionGeneral_IntraClass.W_UOM_CONVERSION_GS_SQ_MTL_UOM_CONV_INTRACLAS
S
  */
  SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    FROM_UOM.UOM_CODE FROM_UOM_CODE,
    TO_UOM.UOM_CODE TO_UOM_CODE,
    NULL LAST_UPDATE_DATE,
    '0' LAST_UPDATED_BY,
    NULL CREATION_DATE,
    '0' CREATED_BY,
    '0' X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( CONV.INVENTORY_ITEM_ID, 10, NULL,
FROM_UOM.UOM_CODE, TO_UOM.UOM_CODE, NULL, NULL, 'U' ) ConversionRate
  FROM APPS.MTL_UOM_CONVERSIONS CONV,
    APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
    APPS.MTL_UNITS_OF_MEASURE TO_UOM,
    APPS.MTL_SYSTEM_ITEMS_B ITEM
```

```
  WHERE (1                              =1)
  AND (TO_UOM.UOM_CODE                  = ITEM.PRIMARY_UOM_CODE
  AND CONV.INVENTORY_ITEM_ID            = ITEM.INVENTORY_ITEM_ID)
  AND (CONV.UOM_CLASS                   =TO_UOM.UOM_CLASS)
  AND (CONV.UOM_CLASS                   =FROM_UOM.UOM_CLASS)
  AND (FROM_UOM.UNIT_OF_MEASURE         =CONV.UNIT_OF_MEASURE)
  AND (FROM_UOM.LANGUAGE                ='#BIAPPS.LANGUAGE_BASE')
  AND (TO_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
  AND (NVL(TO_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
  AND (NVL(CONV.DISABLE_DATE,SYSDATE)  >=SYSDATE)
  AND ( 1                               =1 )
  UNION
  SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    FROM_UOM.UOM_CODE FROM_UOM_CODE,
    TO_UOM.UOM_CODE TO_UOM_CODE,
    NULL LAST_UPDATE_DATE,
    '0' LAST_UPDATED_BY,
    NULL CREATION_DATE,
    '0' CREATED_BY,
    '0' X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( CONV.INVENTORY_ITEM_ID, 10, NULL,
FROM_UOM.UOM_CODE, TO_UOM.UOM_CODE, NULL, NULL, 'U' ) ConversionRate
  FROM APPS.MTL_UOM_CONVERSIONS CONV,
    APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
    APPS.MTL_UNITS_OF_MEASURE TO_UOM,
    APPS.MTL_SYSTEM_ITEMS_B ITEM
  WHERE (1                                =1)
  AND (TO_UOM.UOM_CODE                    = ITEM.PRIMARY_UOM_CODE
  AND CONV.INVENTORY_ITEM_ID              =ITEM.INVENTORY_ITEM_ID)
  AND (CONV.UOM_CLASS                     =FROM_UOM.UOM_CLASS)
  AND (CONV.UOM_CLASS                     =TO_UOM.UOM_CLASS)
  AND (TO_UOM.UNIT_OF_MEASURE             =CONV.UNIT_OF_MEASURE)
  AND (FROM_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
  AND (TO_UOM.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
  AND (NVL(FROM_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
  AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
  AND ( 1                                 =1 )
  ) SQ_MTL_UOM_CONV_INTRACLASS
WHERE (1=1)
```

Intraclass_Resource

```
SELECT TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.INVENTORY_ITEM_ID) PRODUCT_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.ConversionRate) CONVERSION_RATE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.CREATION_DATE, 'YYYY-MM-DD') CREATED_ON_DT,
TO_CHAR(NVL(SQ_MTL_UOM_CONV_INTRACLASS.LAST_UPDATE_DATE, SYSDATE), 'YYYY-MM-DD')
CHANGED_ON_DT,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.CREATED_BY) CREATED_BY_ID,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.LAST_UPDATED_BY) CHANGED_BY_ID,
  SQ_MTL_UOM_CONV_INTRACLASS.X_CUSTOM X_CUSTOM,
  SQ_MTL_UOM_CONV_INTRACLASS.FROM_UOM_CODE FROM_UOM_CODE,
  SQ_MTL_UOM_CONV_INTRACLASS.TO_UOM_CODE TO_UOM_CODE,
  TO_CHAR(SQ_MTL_UOM_CONV_INTRACLASS.INVENTORY_ITEM_ID) INVENTORY_ITEM_ID
FROM
  (
  /* Subselect from
SDE_ORA_UOMConversionGeneral_IntraClass_Resource.W_UOM_CONVERSION_GS_SQ_MTL_UOM_CONV_
INTRACLASS
  */
  SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    FROM_UOM.UOM_CODE FROM_UOM_CODE,
```

```
    TO_UOM.UOM_CODE TO_UOM_CODE,
    NULL LAST_UPDATE_DATE,
    '0' LAST_UPDATED_BY,
    NULL CREATION_DATE,
    '0' CREATED_BY,
    '0' X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( CONV.INVENTORY_ITEM_ID, 10, NULL,
FROM_UOM.UOM_CODE, TO_UOM.UOM_CODE, NULL, NULL, 'U' ) ConversionRate
  FROM APPS.MTL_UOM_CONVERSIONS CONV,
    APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
    APPS.MTL_UNITS_OF_MEASURE TO_UOM
  WHERE (1                              =1)
  AND (CONV.UOM_CLASS                   =FROM_UOM.UOM_CLASS)
  AND (CONV.UOM_CLASS                   =TO_UOM.UOM_CLASS)
  AND (FROM_UOM.UNIT_OF_MEASURE         =CONV.UNIT_OF_MEASURE)
  AND (NVL(TO_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
  AND (NVL(CONV.DISABLE_DATE,SYSDATE)  >=SYSDATE)
  AND ( 1                               =1 )
  AND (TO_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
  AND (FROM_UOM.LANGUAGE                ='#BIAPPS.LANGUAGE_BASE')
  AND (CONV.INVENTORY_ITEM_ID           =0)
  UNION
  SELECT CONV.INVENTORY_ITEM_ID INVENTORY_ITEM_ID,
    FROM_UOM.UOM_CODE FROM_UOM_CODE,
    TO_UOM.UOM_CODE TO_UOM_CODE,
    NULL LAST_UPDATE_DATE,
    '0' LAST_UPDATED_BY,
    NULL CREATION_DATE,
    '0' CREATED_BY,
    '0' X_CUSTOM,
    INV_CONVERT.INV_UM_CONVERT_NEW( CONV.INVENTORY_ITEM_ID, 10, NULL,
FROM_UOM.UOM_CODE, TO_UOM.UOM_CODE, NULL, NULL, 'U' ) ConversionRate
  FROM APPS.MTL_UOM_CONVERSIONS CONV,
    APPS.MTL_UNITS_OF_MEASURE FROM_UOM,
    APPS.MTL_UNITS_OF_MEASURE TO_UOM
  WHERE (1                                =1)
  AND (CONV.UOM_CLASS                     =FROM_UOM.UOM_CLASS)
  AND (CONV.UOM_CLASS                     =TO_UOM.UOM_CLASS)
  AND (TO_UOM.UNIT_OF_MEASURE             =CONV.UNIT_OF_MEASURE)
  AND ( 1                                 =1 )
  AND (NVL(FROM_UOM.DISABLE_DATE,SYSDATE)>=SYSDATE)
  AND (NVL(CONV.DISABLE_DATE,SYSDATE)    >=SYSDATE)
  AND (FROM_UOM.LANGUAGE                  ='#BIAPPS.LANGUAGE_BASE')
  AND (TO_UOM.LANGUAGE                    ='#BIAPPS.LANGUAGE_BASE')
  AND (CONV.INVENTORY_ITEM_ID             =0)
  ) SQ_MTL_UOM_CONV_INTRACLASS
WHERE (1=1)
```

Metric Name Change for Average Resolution Rate in Service Analytics

This issue applies to metric name changes in Service Analytics.

In Service Analytics, the metric **Average Resolution Rate** has been renamed to **Average Close Rate** in the following subject areas:

- Service - CRM Activities
- Service - CRM Agreements
- Service - CRM Customer Satisfaction

- Service - CRM Service Requests

If this metric is being used in any custom reports, then those reports will no longer work. You need to modify each custom report to replace the old metric name with the new metric name.

Missing Predefined Object Duty Roles

This issue applies to the missing predefined object duty roles.

Oracle BI Applications Release 11.1.1.10.1 delivered the following new HR Subject Area's:

- Human Resources - Workforce Compensation
- Human Resources - Succession Planning

These subject areas have Oracle BI Enterprise Edition Permissions against the corresponding Application Roles:

- `OBIA_AU_HCM_WRKFC_COMP_DUTY`
- `OBIA_AU_HCM_SUCC_PLNING_DUTY`

However, these application roles are missing in the `bi stripe/jazn` of the Oracle BI Applications Release 11.1.1.10.1 installation files.

Workaround

If you need non-Administrator role access to these subject areas, then you need to add the Application Roles manually using Oracle Enterprise Manager Fusion Middleware Control. See: Managing Duty Roles in Oracle BI Applications, *Oracle Business Intelligence Applications Security Guide*.

Entered Currency Supporting Reference Balances Not Supported for Fusion Applications Release 9

Oracle BI Applications release 11.1.1.10.1 supports entered currency supporting reference balances only for Fusion Applications release 10.

If you are using Fusion Applications release 9 as your OLTP source, then this feature is not available in Oracle BI Applications release 11.1.1.10.1.

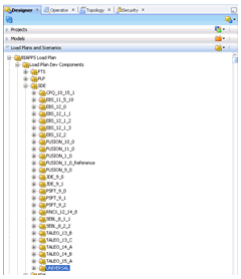
Issues with UNIVERSAL Load Plan

This issue applies to registration of the Universal source in Configuration Manager.

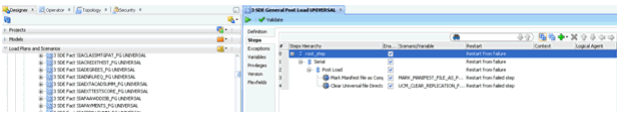
The Universal source is registered in Configuration Manager with Load technology as `None`, so `SDS_LOAD_TECHNO` is null, but the generated load plan includes the step `EXTERNAL_STORAGE_INTEGRATION_DOWNLOAD` procedure to make calls to download files from storage service. This should not be the case for on-premise customers.

Workaround

1. Log in to ODI repository using ODI client, navigate to load plan and scenario's section, and go to BIAPPS Load Plan > Load Plan Dev Components > SDE LP folder > UNIVERSAL LP folder.

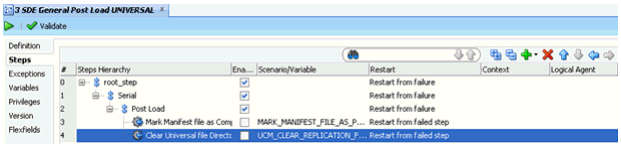


2. Expand the UNIVERSAL LP folder, search for **3 SDE General Post Load UNIVERSAL** load plan and open it.

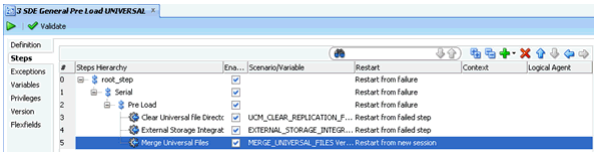


3. Disable the following steps:

   - Mark Manifest file as Completed
   - Clear Universal file Directory (Post Load)

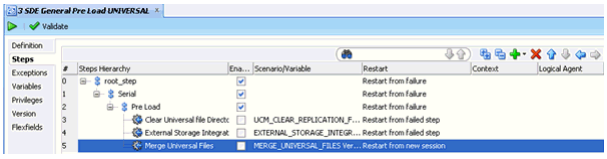


4. Search for **3 SDE General Pre Load UNIVERSAL** load plan and open it.



5. Disable the following steps:

   - External Storage Integration Download
   - Merge Universal Files



SDE_FUSION_PARTYORGANIZATIONDIMENSION Populate W/Data Has Gaps

This issue applies to `SDE_FUSION_PartyOrganizationDimension`.

Workaround

1. Log in to ODI Studio and navigate to the Designer tab.

2. Open BI Apps Project > Mappings > SDE_FUSION_x_Adaptor (where x can be 9, 10 or 11).
3. Expand **SDE_FUSION_PartyOrganizationDimension**.
4. Open MAIN interface (blue) **SDE_FUSION_PartyOrganizationDimension.W_PARTY_ORG_DS**.
5. Go to column **PRIMARY_PHONE_AREA_CODE** and replace the existing expression with `SQ_W_FSN_PARTY_ORG_PS.PRIMARY_PHONE_AREA_CODE`.

Award_WID Not Populating in Existing Project Facts

This issue applies to Award_WID not getting populated in existing Project Budget and Cost facts.

Workaround

Use the `CA_DETAIL_PROJ` table to get the link between contract number, projects, and activities for the following existing facts:

- `W_PROJ_COST_LINE_FS`
- `W_PROJ_INVOICE_LINE_FS`
- `W_PROJ_REVENUE_LINE_FS`
- `W_PROJ_BUDGET_FS`
- `W_PROJ_FORECAST_FS`
- `W_PROJ_COMMITMENT_FS`

Note: Please contact Oracle Support for more information regarding the workaround.

Load Plan Fails Due to Malformed PARTITION BY Clause in Auto Correction SQL

This issue applies to load plan runs.

If an interface task meeting the following conditions fails, then diagnostic auto correction is not able to handle it:

- Task uses Incremental Update or Fact Incremental Update IKM with KM options - `INSERT=false` and `UPDATE=true`.
- Alternate keys defined in model for corresponding target data store are not mapped in interface.

The interface task fails with the Missing Expression error due to malformed `PARITION BY` clause in **Diagnostics - Find Dupes,Cnstrnt Vltn rows on I$** KM step.

Workaround

To avoid this failure in future load plan runs, you must fix the data or system issue that led to failure of the task. Then you must disable diagnostics auto correction for that task in the load plan components. Lastly, generate and start the new load plan.

To disable diagnostics for the applicable scenario:

1. Open ODI Studio.
2. Open Designer Navigator's **Load Plans and Scenarios** accordian, click **BIAPPS Load Plans**, and navigate to **Load Plan Dev Components**.
3. Locate the scenario step by traversing the hierarchy.
4. Select scenario step, set **DIAG_ERR_LOG_SUPPORTED** variable value in property inspector to `N`. Ensure that the **Overwrite** check box is checked and **Refresh** check box is unchecked.
5. Save the load plan component.
6. Generate and rerun the load plan.

Fusion VO - Legal Entities are Being Dropped

This issue is applicable only for Fusion Application as a Source.

There is an issue with the Fusion VO wherein the legal entities are being dropped and hence are not being loaded in the warehouse.

Workaround

Legal Entity dimension is not completely supported for now. Only those Legal Entities are loaded in the warehouse, which have a primary ledger defined. Legal Entity Dimension attributes in reports might not result in any data. Legal Entity Dimension will be supported in the upcoming future patches.

SDE_FUSION_HRASSIGNMENTDIMENSION Failure

This issue applies to Fusion Workforce adaptor.

Fusion direct full load ETL runs in to an error with SDE_FUSION_HRASSIGNMENTDIMENSION failure.

Workaround

Note: Ensure that you perform the following steps before generating a new load plan.

1. Log in to ODI Studio and navigate to the Designer tab.
2. Navigate to the **SDE_FUSION_HRAssignmentDimension.W_HR_ASSIGNMENT_DS_SQ_ASGDFF** interface.
3. Set the column **ASGDFF_SRC_LAST_UPDATE_DATE** in **SDE_FUSION_HRAssignmentDimension.W_HR_ASSIGNMENT_DS_SQ_ASGDFF** interface as `RUN_REPLICATED_TRANSACTIONAL("#IS_SDS_DEPLOYED", ASGDFF.LastUpdateDate, ASGDFF.CDC $_SRC_LAST_UPDATE_DATE )`.
4. Regenerate the scenario.

SDE_FUSION_HRPersonLegislation_VisaPermit Fails

This issue applies to the Fusion adaptor (Workforce).

Fusion direct full load ETL runs in to an error when SDE_FUSION_HRPersonLegislation_VisaPermit fails.

Workaround

Note: Ensure that you perform these steps before generating a new load plan.

1. Log in to ODI Studio, navigate to the Designer tab, then BI Apps Project, then Mappings, and the **SDE_FUSION_10_Adaptor** folder.
2. Locate the **SDE_FUSION_HRPersonLegislation_VisaPermit** task and open the **SDE_FUSION_HRPersonLegislation_VisaPermit.W_FSN_PER_VISAS_PERMITS_F_TMP_SQ_VISA** interface.
3. In the Quick-Edit tab, find the filter beginning **RUN_REPLICATED_TRANSACTIONAL...**and remove `VISAPERMITPVO` alias and `AS` keyword. It should look as follows:

```
RUN_REPLICATED_TRANSACTIONAL('#IS_SDS_DEPLOYED',
VisaPermitId  in ( Select_physical MAX(CHK.VisaPermitId) from
"oracle.apps.hcm.model.analytics.applicationModule.HcmTopModelAnalyticsGlobalAM_Hc
mTopModelGlobalAMLocal"..."HcmTopModelAnalyticsGlobalAM.PersonAM.VisaPermitPVO"
CHK
Where CHK.VisaPermitPEOPersonId=VisaPermitPEOPersonId),
VISAPERMITPVO.VisaPermitId=(Select MAX(CHK.VisaPermitId) from
QUALIFY(HCM_PE_VISAPERMITPVO764912) CHK
Where CHK.VisaPermitPEOPersonId=VISAPERMITPVO.VisaPermitPEOPersonId))
```

4. Save the interface and regenerate the scenario.

SDE_FUSION_StatusDimension_EnrollmentStatus Failure

This issue applies to the Fusion Adaptor Direct.

Fusion direct full load ETL runs in to an error due to SDE_FUSION_StatusDimension_EnrollmentStatus failure.

Workaround

Note: Ensure that you perform these steps before generating a new load plan.

1. Log in to the ODI Studio and navigate to the Designer tab.
2. Navigate to the **SDE_FUSION_9_Adaptor** adaptor folder and then to the **SDE_FUSION_StatusDimension_EnrollmentStatus.W_STATUS_DS** interface.
3. Change the **Execute On** property for column **DELETE_FLG** from `Staging` to `Source`.
4. Regenerate the scenario.

SDE_PSFT_DomainGeneral_PayrollPeriodType Fails

This issue applies to the PeopleSoft Payroll Adaptor.

SDE_PSFT_DomainGeneral_PayrollPeriodType fails with the following error:

```
ORA-00904: "SQ_FREQ_TBL"."LANGUAGE_CODE": invalid identifier
```

.

Workaround

Note: Ensure that you perform these steps before generating a new load plan.

1. Log in to ODI Studio and navigate to the Designer tab.
2. Navigate to the **SDE_PSFT_DomainGeneral_PayrollPeriodType.W_DOMAIN_MEMBER_GS** interface.
3. Change the current mapping for **SRC_LANGUAGE_CODE** from `DOMAIN_MEMBER_MAP('LANGUAGE',SQ_FREQ_TBL.LANGUAGE_CODE, #DATASOURCE_NUM_ID,'W_LANGUAGE')` to `DOMAIN_MEMBER_MAP('LANGUAGE',SQ_FREQ_TBL.LANGUAGE_CODE,#DATASOURCE_NUM_ID,'W_LANGUAGE')`
4. Regenerate the scenario.

SDE_Universal_PayrollBalanceDimension_Translate Fails

This issue applies to the Universal adaptor.

`SDE_Universal_PayrollBalanceDimension_Translate` fails as the balance name column has more than 80 characters.

Workaround

Ensure that the balance names in the source data are 80 characters or less.

Mapping SDE_FUSION_PARTYPERSONDIMENSION Fails on the Health Diagnostics Step

This issue applies to mapping failures on the health diagnostics step.

Mapping the `SDE_FUSION_PARTYPERSONDIMENSION` fails on the health diagnostics step with `Value too large` issue. The mapping expression of the `PRIMARY_PHONE_AREA_CODE` column uses the `DOMAIN_DEFAULT_UNASSIGNED` user defined function (UDF). In cases where there is no data from the source system, `__UNASIGNED__` gets evaluated as a result of this UDF which is of length 14. However, the data warehouse column is of length 10, hence mapping fails with the `Value too large` issue.

Workaround

1. In ODI client, navigate to the Designer and open **BI Apps Project**, then **Mappings**, and select `SDE_FUSION_x_Adaptor` (where x can be 9,10, or 11).
2. Expand `SDE_FUSION_PartyPersonDimension`.
3. Open MAIN interface (blue) `SDE_FUSION_PartyPersonDimension.W_PARTY_PER_DS`, go to column `PRIMARY_PHONE_AREA_CODE`, and replace the existing expression with the following:

```
.
IIF(
  SQ_W_PARTY_PER_DS.CON_PHN_CONTACT_FLG = 'Y',
  SQ_W_PARTY_PER_DS.CON_PHONE_AREA_CODE,
  SQ_W_PARTY_PER_DS.PRIMARY_PHONE_AREA_CODE
)
.
```

4. Save the interface and regenerate the scenario.

Email Address Missing While Extracting Data from GlobalPerson

This issue applies to the missing privileges for the provisioned extractor user in the Fusion Applications release 11 POD environments.

While extracting data from the `GlobalPersonForETLPVO` Fusion view object (VO), using the `FUSION_APPS_OBIA_BIEE_APPID` user , some of the persons' email addresses are missing. This issue is due to the missing privileges for this user in the Fusion Applications release 11 POD environments. This user is the provisioned extractor user that the Oracle BI Applications ETL process uses to extract data from Fusion Applications. In order to extract secured data such as PII information (for example, person's home email, home phone, and national identifiers) , you must ensure that this user is granted the data security policies that allow it to read the underlying tables.

Workaround

1. Log in to the Fusion Applications, with a user that has the IT Security Manager role.
2. Navigate to **Setup and Maintenance**, search and launch the **Manage Duties** task.

   This opens the Oracle Entitlements Server tab, commonly known as the Authorization Policy Manager (APM).
3. Use the search box to search for the `FUSION_APPS_OBIA_BIEE_APPID` user.

   Note: There is also a role called `FUSION_APPS_OBIA_BIEE_APPID`. Do not search for and create policies for the role. You must ensure to search for and create policies for the `FUSION_APPS_OBIA_BIEE_APPID` user.

   The search result displays the **Business Intelligence Applications Extract Transform and Load Application Identity** user name.
4. Select this user name in the search result area and click on the **Open** (folder) icon.

This opens a new tab displaying details such as the role assignments of this user.

5. Click on the **Find Global Policies** to open the Search Policies tab.

   In the Data Security Policies for: region within the Search Policies tab are listed all of the currently granted data security policies to this user.

6. Click **New** to open the New Policy tab with four sub-tabs and enter the following information in each sub-tab:

   - General Information tab:
     - **Name**: `Custom Grant for Person Email to OBIA`
     - **DB Resource**: `Person Email`
     - **Module**: `Global Human Resources`
     - **Start Date**: `1/1/01`
   - Roles tab: There is no information to enter on this tab. It must, however, display a single entry for `FUSION_APPS_OBIA_BIEE_APPID` user name.
   - Rule tab:
     - **Row Set**: `All Values`
   - Action tab: Select **Report Person Email** and shuttle to the selected actions list.
   - Click **Save** on the New Policy tab. This saves and returns you to the Search Policies tab with a confirmation message. Press **OK** to confirm.

7. Repeat Step 6 for the following DB Resource and Actions:

   - **DB Resource**: `Person Phone`; **Action**: `Report Person Phone`
   - **DB Resource**: `Human Resources Address`; **Action**: `Report Person Address`

8. On the Search Policies tab, sort **Data Security Policies by Action** (descending), scroll, and verify that the policies for Report Person Email , Report Person Phone, and Report Person Address have been created successfully.

9. If the BI reports additionally need to extract other secured details such as National Identifiers, Visa , then create data security policies for the following:

   - **DB Resource**: `Person National Identifier`; **Action**: `Report Person National Identifier`
   - **DB Resource**: `Person Visa Action`; **Action**: `Report Person Visa`
   - **DB Resource**: `Person Passport`; **Action**: `Report Person Passport`
   - **DB Resource**: `Person Driver License`; **Action**: `Report Driver License`

   Note: If you are uncertain whether the Oracle Business Intelligence ETL process needs to extract data from these objects, then do not create the data security policies for that object. Only do so, when you are absolutely certain.

Some Fixed Asset Fact Folders Not Opening in BI Answers for E-Business Suite and PeopleSoft

Fact folders in some Fixed Asset subject areas in the Oracle Business Intelligence Answers page are not opening. This issue may occur in E-Business Suite or PeopleSoft security-enabled environments when logged into Oracle BI Answers using a secured user.

1. Use the Oracle BI Administration Tool to open the RPD file, then select **Manage**, then **Variables**.
2. Double-click the session variable **ASSET_BOOK_CODE___FUSION** to open the session variable edit window.
3. Change the Default Initalizer value from -1 to '-1', which changes it from integer type to string type.
4. Click **OK** to save the changes.

   Make sure these three variables have a Default Initializer value of `'-1'`.

   - ASSET_BOOK_CODE____EBS
   - ASSET_BOOK_CODE____FUSION
   - ASSET_BOOK_CODE____PSFT
5. Select **Manage**, then **Variables**.
6. In the Initialization Blocks, make sure you ONLY enable the initialization block based on your setup, for example, enable "Fixed Asset Book EBS" if you are implementing E-Business Suite as the source (or Fixed Asset Book PSFT), then disable the other two.
7. Save the RPD and restart the BI server.

Issues and Workarounds for Oracle GoldenGate

There are no reported issues that are related to the use of Oracle GoldenGate.