1 OLAP Model Issues

In the base tables, Charge Quantity and Charge Amount are measures specific to Invoice Item Type. However, in the Oracle Communications Data Model analytic workspace, the Invoice Item Type is not one of the dimensions of the Invoice Customer Type (ICT) cube, and the values for Charge Quantity and Charge Amount in the ICT cube are consolidated values rather than values associated with a specific item type.

For more information, see bug 9291530.

Workaround: There are two possible workarounds for this issue:

■ Remove the CHRG_AMT and CHRG_QTY fields from the DWA_INVC_CUST_TYP table in the ocdm_sys schema and remove the CA and CQ measures from the ICT cube in the Oracle Communications Data Model analytic workspace.

■ Rename the CHRG_AMT and CHRG_QTY fields in the DWA_INVC_CUST_TYP table in the ocdm_sys schema and the CA and CQ measures in the ICT cube to reflect that these measures represent consolidated amounts rather than amounts for single-invoice items.
2 Inter-ETL Issues
When executing the DWD_SL_RPRSTV_STTSTC__MAP, where customers may encounter an Oracle internal error of ORA-12805 is fixed (bug 9164319).

Workaround: Apply the appropriate Oracle Database 11.2.0.1 patch.
For more information, see bug 9217342.

3 Bugs Fixed
This release of Oracle Communications Data Model fixes the following bugs.

3.1 Translation Issues in Oracle Installer
Translation issues with the Installer for Oracle Communications Data Model are fixed:
- In German, certain translation issues are fixed (bug 9299303, bug 9299270).
- In Chinese, some words are in English rather than Chinese, fixed (bug 9246407).

3.2 Issue Installing German version of Oracle Communications Data Model
The German version of Oracle Communications Data Model does not install is fixed (bug 9308632, bug 9308650).

3.3 Change to Intra-ETL Filter to Use EVENT_DATE
All mappings are changed to use proper date columns in filter. The LAST_UPDATE_DATE is not used (bug 9114126).

3.4 Data Model Removed Debt History and Debt Detail
The data model no longer includes the Debt History and Debt Detail tables (bug 8869759).

3.5 Interval Partitioning for Aggregates
The aggregates now use interval partitioning (bug 9674884).

3.6 Flexible Hierarchy Provided for Geography
Flexible hierarchy files are included for Geography dimension (bug 8869641).

3.7 Performance: Improvements for Derived Payment Aging Day
Performance is improved for the logical entity PAYMENT AGING DAY DRVD. This corresponds to the DWD_PYMT_AGNG_DAY physical table (bug 970239).

3.8 Performance: Improvements for Intra-ETL Mapping of DWD_ACCT_PYMT_DAY
The mapping for DWD_ACCT_PYMT_DAY now does not include DWB_INVC or DWB_INVC_ASGN (bug 9318668).
4 Documentation Additions

This release of Oracle Communications Data Model includes the Oracle Communications Data Model Operations Guide. The Oracle Communications Data Model Operations Guide describes the tasks and procedures that must be performed after Oracle Communications Data Model is installed, and periodically afterwards to maintain useful performance. Since the needs of each Oracle Communications Data Model environment are unique, Oracle Communications Data Model is configurable so it can be modified to address each customer's needs.

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Oracle Communications Data Model Installation Guide, 11g Release 2 (11.2)
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