

Oracle® Communications Data Model

Release Notes

11g Release 2 (11.2)

E15888-05

September 2010

This document contains important information that was not included in the documentation for Release 11.2.3 of Oracle Communications Data Model.

This document may be updated after it is released. To check for updates to this document and to view other Oracle documentation, refer to the Documentation section on the Oracle Technology Network (OTN) Web site:

<http://www.oracle.com/technology/documentation/index.html>

This document contains the following topics:

- [Section 1, "Conformance Certified with TM Forum's SID"](#)
- [Section 2, "OLAP Model Issues"](#)
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1 Conformance Certified with TM Forum's SID

Oracle Communications Data Model Release 11.2.3 has been "Conformance Certified" with the TeleManagement Forum's Information Framework (SID) version 8.1. For more information see the SID conformance section in *Oracle Communications Data Model Reference*.

2 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.

3 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.

4 Deinstallation Issue

When deinstallation is performed in an Oracle Real Application Clusters (Oracle RAC) environment, the Oracle Communications Data Model component entries are not removed from the respective inventories of the remote node(s).

In an Oracle RAC environment the deinstallation may report the following warning message.

```
Deinstall successful
WARNING: Error while copying directory
/path/product/11.2.0/dbhome_1/inventory with exclude file list
```

This issue does not affect reinstallation, as Oracle Communications Data Model can be reinstalled with the existing inventory entries. However, the deinstallation is not complete in an Oracle RAC environment without the removal of the component entries from the Oracle Inventory on the remote nodes of a cluster.

For more information, see bug 10118968.

Workaround: You may manually remove the Oracle Communications Data Model component entries from the Oracle Inventory on the remote nodes of a cluster.

See also: Discussion on error recovery in *Oracle Communications Data Model Installation Guide*.

5 Bugs Fixed

This release of Oracle Communications Data Model fixes bugs in the following areas:

- [Documentation Bug Fixes](#)
- [Inter-ETL Bug Fixes](#)
- [Logical and Physical Model Bug Fixes](#)

5.1 Documentation Bug Fixes

This release of Oracle Communications Data Model fixes the following bugs in Chapter 2, "Logical Data Foundation" of *Oracle Communications Data Model Reference*:

- The diagram of the PARTY entity (bug 10008118).
- The description of the EQUIPMENT entity (bug 9752005).
- The description of the ACCOUNT STATUS HISTORY entity (bug 9979342)

5.2 Inter-ETL Bug Fixes

This release of Oracle Communications Data Model fixes bugs in the following areas of the inter-ETL:

- [Improved performance when reloading CDR tables with existing loaded data](#)
- [Intra-ETL Mappings rewritten to improve performance](#)
- [Unnecessary Intra-ETL mapping removed](#)

5.2.1 Improved performance when reloading CDR tables with existing loaded data

Previous loaded data is now removed using TRUNCATE over partitions rather than DELETE (bug 9803374).

5.2.2 Intra-ETL Mappings rewritten to improve performance

The following mappings were rewritten to improve performance:

- DWD_ARPU_BASE_MAP (bug 9750104)
- DWD_DATA_USG_DAY_MAP (bug 985422)
- DWD_INVC_ADJ_MAP (bug 9854206)
- DWD_PYMT_AGNG_DAY_MAP (bug 9702339)
- DWD_SBCRBR_CHRN_STTSTC_MAP (bug 9775493)
- DWD_VAS_USG_DAY_MAP (bugs 9854221 and 9877089)
- DWD_VOI_CALL_DAY_MAP (bug 9854221)

5.2.3 Unnecessary Intra-ETL mapping removed

DWD_CUST_ACQSTN_SUMM_DAY_MAP is removed as it is unnecessary (bug 9970542).

5.3 Logical and Physical Model Bug Fixes

Beside the extensions needed to support SID (see "[Conformance Certified with TM Forum's SID](#)" on page 1 and bug 9696519), this release of Oracle Communications Data Model extends the logical and physical models in the following ways:

- The logical and physical models are extended so that you can query as to which customer has spent how much time on a web site (bug 10012007). See *Oracle Communications Data Model Reference* for more information.
- Support added to Lookup tables for star schema dimension value of null. (bug 9922943)

6 Related Documentation

This release of Oracle Communications Data Model includes the following documentation:

- *Oracle Communications Data Model Installation Guide* that describes how to install and configure the Oracle Communications Data Model.
- *Oracle Communications Data Model Reference* that describes the data model structures for Oracle Communications Data Model.
- *Oracle Communications Data Model Operations Guide* that 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.

7 Documentation Accessibility

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