

Oracle® Communications Data Model

Release Notes

11g Release 2 (11.2)

E15888-10

October 2011

This document outlines new features for Release 11.2.5.0.0 of Oracle Communications Data Model. It also contains important information that was not included in the documentation for Release 11.2.5.0.0 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, "New Features"](#)
- [Section 2, "Known Issues"](#)
- [Section 3, "Fixed Bugs"](#)
- [Section 4, "Documentation Changes"](#)
- [Section 5, "Documentation Accessibility"](#)

1 New Features

This release of Oracle Communications Data Model contains the following new features and functionality:

- Support for using Oracle Communications Network Charging and Control (NCC) system as a data source for an Oracle Communications Data Model warehouse. (Bug 11654882)

Beginning with this release, the Oracle Communications Network Charging and Control Adapter for Oracle Communications Data Model (sometimes called the NCC Adapter for Oracle Communications Data Model) is an option of the Oracle Communications Data Model. You can use the NCC Adapter for Oracle Communications Data Model to populate the foundation layer (that is, the base, reference, and lookup tables) of an Oracle Communications Data Model warehouse with data from an Oracle Communications Network Charging and Control (NCC) system.

- Oracle Communications Data Model now has entities and physical objects to support additional business needs:
 - PARTNER SETTLEMENT (financial transaction and bill information) and PARTNER PAYMENT added. This allows you to track a dealer's commission, money to content provider, and money to vendor. (Bug 12359526)

- NETWORK ELEMENT STATE HISTORY added. This provides the state history of each network element (for example, power off, in use, and decommissioned). (Bug 12358892)
- Extension of ASSET so that it includes all financial assets including real estate, cash, and equipment, and, therefore, can be used for general ledger. (Bugs 11868009 and 12333040)
- ACCOUNT BALANCE BUCKET entity to track the expire date, recharge date for each BUCKET (EXPIRE DATE BAND) of the prepaid balance. (Bug 11815448)
- EMPLOYEE EXPENSE REPORT and EMPLOYEE EXPENSE REPORT ITEM added. (Bug 12333051)
- Support for chats, informations per call center, number of agent breaks, transference reason, lines (detailed numbers for each line) per call center, and IVR details (for example, paths and menu options). (Bug 11798210)
- New sample reports showing customer order information. (Bugs 11654876 and 11789716)

2 Known Issues

This release has the following known issue:

- [Fully Configured Oracle Communications Data Model Requires More Space Than Reported by Oracle Installer](#)

2.1 Fully Configured Oracle Communications Data Model Requires More Space Than Reported by Oracle Installer

When installing Oracle Communications Data Model, the Oracle Installer reports *only* the amount of space required for copying the Oracle Communications Data Model files (that is, 240MB).

However, a fully-installed and configured Oracle Communications Data Model also requires space for the Database files created during the post-install configuration of Oracle Communications Data Model.

If insufficient space is available for the Oracle Communications Data Model Database files, the Oracle Communications Data Model installation fails during configuration.

This issue is documented in Bug 13243223.

Workaround

Before installing and configuring Oracle Communications Data Model, ensure that at least 3 GB is available.

3 Fixed Bugs

The following bugs requested enhancements to the Oracle Communications Data Model. These enhancements were implemented in this release and are described in [Section 1, "New Features."](#)

11654876
11654882
11789716

11798210
11815448
11868009
12333040
12333051
12358892
12359526

Additionally, the bugs described in the following table were fixed.

| Bug Number | Bug Description |
|------------|--|
| 12818629 | Add the PRNT_CUST_SGMNT_KEY field to the DWR_CUST_SGMNT table. |
| 12405799 | The DWR_PROD_CHTRSTC_* tables should have a foreign key to another DWR_PROD_CHTRSTC_*, rather than having a foreign key to a DWR_FLXBLE_* table. |
| 11872465 | The CONTRACT - PRODUCT MARKET PLAN relationship should support multiple product market plans for a contract. |
| 11799664 | Add BILLING STATUS REASON to the network event. |
| 12754429 | Add TO_DATE_ETL column for the Mining ETL. |
| 11867825 | Workflow is missing in the MDL file. |

4 Documentation Changes

The Oracle Communications Data Model documentation set for this release consists of the same manuals as the previous release. These following updates were made to these manuals:

- *Oracle Communications Data Model Installation Guide* that describes how to install and configure the Oracle Communications Data Model.
Includes a new appendix that provides information on installing and configuring the NCC Adapter for Oracle Communications Data Model.
- *Oracle Communications Data Model Reference* that describes the data model structures for Oracle Communications Data Model.
Updated to reflect the new features and bug fix changes to Oracle Communications Data Model.
- *Oracle Communications Data Model Implementation and Operations Guide* that describes how to implement and maintain a data warehouse based on the Oracle Communications Data Model.
Includes a new appendix that explains how to use the NCC Adapter for Oracle Communications Data Model to populate the foundation layer of an Oracle Communications Data Model warehouse, and that provides more detailed information about the adapter.

5 Documentation Accessibility

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