Oracle® Revenue Management and Billing Analytics

Version 2.2.0.0.0

Release Notes

Revision 1.0

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Oracle Revenue Management and Billing Analytics Release Notes

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Preface

About This Document

This document lists the new features and enhancements included in the current release of Oracle Revenue Management and Billing Analytics. The document also includes details of the platforms supported by this version of ORMBA. The known issues or bugs, if any that are part of this release are also mentioned in this document.

Intended Audience

This document is intended for the following audience:

- End-Users
- System Administrators
- Consulting Team
- Implementation Team

Organization of the Document

The information in this document is organized into the following sections:

Section No.	Section Name	Description
Section 1	What's New in This Release?	New features introduced in this release
Section 2	Supported Platforms	Platforms on which you need to apply the release
Section 3	Product Documentation	Documents to refer while applying this release
Section 4	Media Pack Download	Contents of the media pack and instructions to download
Section 5	Known Issues	Known issues or bugs, if any
Section 6	Technical Support	Channels for technical assistance

Related Documents

You can refer to the following documents for more information:

Document	Description
Oracle Revenue Management and Billing Analytics Functional Overview	Lists and describes the key features of Oracle Revenue Management and Billing Analytics. It also describes the features available in the Administration UI and Dashboards.

Document	Description
Oracle Revenue Management and Billing Analytics Installation Guide	Details the pre-requisites, supported platforms, hardware and software requirements for installing the Oracle Revenue Management and Billing Analytics, along with the detailed installation process.
Oracle Revenue Management and Billing Analytics Administration Manual	Describes the common administrative tasks to be carried out as part of maintaining the ORMBA installation.
Oracle Revenue Management and Billing Analytics Security Guide	Describes how to configure security for Oracle Revenue Management and Billing Extractors and Schema and Oracle Revenue Management and Billing Analytics.

Change Log

Revision	Last Update	Updated Section	Comments
1.0	June 2016	All	New document for release version 2.2

Contents

1.   What's New in Release v2.2.0.0.0?

In this release, we introduce several new features and they are grouped under logical heads given below:

- Extractors & Schema

- Dashboards & Reports

- Administration UI

- Simulation

- Other Updates

1.1   Extractors & Schema

This section contains the feature introduced in the Extractors and Schema layer of ORMB Analytics.

1.1.1   New Facts and Dimensions

In this release, the Extractors and Schema layer of ORMBA have the following new facts and dimensions:

- Facts
  - o Billing Errors
  - o Refunds
  - o Write Offs
- Dimensions
  - o Billing Schedule
  - o Pricing Bundles

Additionally, some of the existing dimensions and facts have changed as indicated below:

- Facts
  - o Adjustments: Added Balanced Date and Entity
  - o Bill Segments: Added Balance Date, Entity, Reviewed Yes/ No flag, Bill cycle dimension FK
  - o Payment Exception: This fact is no longer available.
- Dimensions
  - o Price Computations: Added Bundle Code

Note: All facts now have extra five foreign key columns to link existing dimensions.

1.2   Dashboards & Reports

This section includes the features introduced in ORMBA Dashboards and Reports

1.2.1   Billing Operations Dashboard

The Billing Operations dashboard gives complete information on billing cycles, errors encountered, cancellations, delays in bill freezing, amount fluctuations, debt ageing, refunds and write offs to IT Operations.

This dashboard contains analyses related to following operations:

- Bill Cycles and Variations
- Bill Refund
- Bill Errors
- Bill Write-Offs
- Cancellations

To know more about the dashboard, see the Oracle Revenue Management and Billing Analytics Dashboard User Guide.

1.2.2   Pricing Bundles Dashboard

ORMBA introduces a new dashboard to view the details of pricing bundles. The Bundling Dashboard helps Product Managers evaluate performance of existing price bundles, simulate the impact of pricing and volume changes, and provides the provision to automatically apply back the created models to billing system through workflow.

1.2.3   Billing Analysis in Executive Summary

The Executive Summary dashboard of ORMBA now includes a new analysis that gives you several details of billing in a single chart. The Billing analysis includes the following measures:

- #Bill Cycles
- #Bills
- #Cancellations
- #Errors
- #High Value Bills
- #Refunds
- #Write Offs
- #Zero Bills

1.2.4   Age Analysis of Receivables

The Financial Transactions dashboard now shows a snapshot of the ageing of receivables for a division, or across all divisions. The analyses show the total receivables amount and count of receivables against

different age buckets. For further investigations, you can drill-down the analysis to multiple levels, up to the bill level.

1.2.5   Drill-Down Reports

ORMBA now introduces drill-down reports that allow you to analyze data to a granular level. You can drill down data in an analysis to multiple levels (up to a maximum of four levels currently), thereby making the dashboard highly interactive.

The drill-down reports are currently available in the following dashboards:

- Financial Transactions
- Billable Charges
- Pricing
- Billing Operations

1.2.6   Mobile App

With this release, we have introduced a mobile application for ORMBA Dashboards. Executive users can now monitor KPIs and metrics in real-time on their smart phones and tablets with the availability of mobile app for Executive Summary Dashboard. The mobile application ensures the availability of dashboards at the tip of your finger, and allows you to access the data from anywhere, anytime.

The mobile application is available for both Android and iOS mobile devices.

Currently, the following analyses of Executive Summary dashboard are available in the mobile application:

- Top Ratings
- Financial Transactions
- General Ledger
- Pricing
- Feed Management
- Contracts
- To-Do
- Billing

1.2.7   Spatial Analysis

ORMBA now introduces spatial analysis in Financial Transactions dashboard. This shows geographical distribution of revenue in a map-view. It also indicates the region that brings in the highest and lowest revenue. The geographical location is resolved from the customer address.

1.3   Administration UI

This section details the major features introduced in this release of ORMB Analytics Administration user interface.

1.3.1   Source Instance-specific Parameters

The Source Instance page of ORMBA Admin UI now includes two new parameters:

- **Algorithm used for writeoff**: Specify the name of the ORMB algorithm for petty write-off. The algorithm resolves the Adjustment Type that identifies the petty write-off.

- **Threshold for bill amount**: Specify the threshold value for bill amount that classifies a bill as 'High'. The amount is specified in corporate currency.

1.3.2   Source Table Partitioning

The Source Table Definition page of ORMBA Admin UI now includes a new field called 'Volume Indicator' that decides the table partitioning strategy for a newly added source table. The possible values for the field and their corresponding strategies are:

- **High** – Table will have sub partitions

- **Medium** – Table will have primary partitions

- **Low** – Table will not have partitions

1.4   Modeling and Simulation

The following features are introduced in Modeling module of ORMBA:

1.4.1   Graphical Comparison of Models

ORMBA allows comparison of saved models. With this release, ORMBA introduces graphical comparison of saved models. The graphical view offers a more user-friendly way of representing the differences between the saved models.

1.4.2   Workflow for Models

The models created in ORMBA now go through an approval workflow before they are applied back on the source system. This ensures smooth integration with ORMB and avoids the need for manual apply-back (explained in section 1.4.3).

The newly created model first needs approval from management and after consultation with the customer, the model needs approval on their behalf. Once accepted, you can apply the model back to the source system. You can see the various status of a model in the image below.

With this release, you can define the validity period of a model, after which the model is expired, and you can no longer edit the model.

1.4.3   Apply-back to ORMB

ORMBA now introduces a provision for applying back the simulated models to the source system (ORMB). Currently the release includes an end-point for pointing to a service, along with a reference implementation that you can customize to suit your implementation-specific requirements.

1.5   Other Updates in This Release

This section lists the product updates that are not visible, but has a direct impact on the product performance and usage.

1.5.1   Platform Upgrade

With this release, ORMBA runs on Oracle 12c tech stack.

1.5.2   Installation Process Update

We have updated the ORMBA installation process with this release, the major highlights of which are:

- A new sanctity check is introduced to validate the parameter values given in ormba.properties file during the initials steps of ETL installation itself. This prevents issues that may crop up at later stages of installation due to incorrect configurations of the ormba.properties file.

- The installation process now includes an option to decide the partitioning strategy for the tables in replication schema, so that we can avoid the unnecessary partition of data and the associated space overhead. You can decide the strategy based on the volume of data during initial data migration, or override this at table-level through Admin UI.

2.   Supported Platforms

2.1   Server

The following table lists the operating system and software combinations on which Oracle Revenue Management and Billing Analytics Version 2.2.0.0.0 is supported:

Software	Version
Operating System (Server)	Oracle Linux 6.4 (64-bit)
Chipset	x86 -64
Database Server	Oracle 12.1.0.2.0

2.2   Software

Software	Version
Oracle Fusion Middleware Infrastructure	12.1.3.0.0
Oracle Data Integrator	12.1.3.0.0
Oracle GoldenGate	12.1.2.1.0
Oracle GoldenGate Management Pack	12.1.3.0.0
Java Development Kit	1.7.0_71
Oracle Business Intelligence Enterprise Edition	12.2.1.0.0

2.3   Web Browser

The browser types and versions supported in this release are:

2.3.1   Administration UI

Browser	Validated Version
Internet Explorer	10.x
Firefox	45+
Chrome	45+

2.3.2   Dashboards & Reports

Browser	Validated Version
Firefox	45+
Internet Explorer	11

2.3.3   Mobile App

Operating System	Validated Version
Android	Lollipop
iOS	8.3+

Note: Oracle Revenue Management and Billing Analytics Version 2.2.0.0.0 is supported on Oracle Unbreakable Enterprise Kernel.

Oracle Revenue Management and Billing Analytics Version 2.2.0.0.0 is supported on Oracle VM 2.2.2. Refer to the knowledge base article ID 249212.1 on My Oracle Support for Oracle's Support Policy on VM Ware.

2.4   Source System – ORMB

Source System	Version
ORMB	2.5.0.1.0
Oracle Database*	12.1.0.2.0

*The source system database must be installed in non-PDB mode (single-tenant).

3.   Product Documentation

User manuals and other technical documents are available in the Portable Document Format (PDF) format. You can download Oracle Revenue Management and Billing Analytics release specific documentation library (for example, Oracle Revenue Management and Billing Analytics Version 2.X.X.X.X Documentation Library) using the following URL:

http://www.oracle.com/technetwork/indexes/documentation/fsgbu-1364781.html

4.   Media Pack Download

Oracle Financial Services Revenue Management and Billing Analytics Version 2.2.0.0.0 and Oracle Insurance Revenue Management and Billing Analytics Version 2.2.0.0.0 media packs are available for the following platforms:

- Linux (x86-64)

The media pack includes the following packages:

- Oracle Revenue Management and Billing Analytics V2.2.0.0.0 Release Notes

- Oracle Revenue Management and Billing Analytics V2.2.0.0.0 Database Component

- Oracle Revenue Management and Billing Analytics V2.2.0.0.0 ETL Component

- Oracle Revenue Management and Billing Analytics V2.2.0.0.0 Dashboard Component

- Oracle Revenue Management and Billing Analytics V2.2.0.0.0 Web Component

To download a package from the media pack:

1. Log on to Oracle Software Delivery Cloud. The Export Restrictions page appears.

2. Click **Accept**. The SearchSoftware page appears.

3. Select **Oracle Financial Services Revenue Management and Billing Analytics** option or **Oracle Insurance Revenue Management and Billing Analytics** option from the **Product** list.

4. Click the **Select Platform** button and select **Linux x86-64**. The product is listed in the **Selected Products** section.

5. Click **Continue**. The available releases for the selected product are listed.

6. Select the radio button corresponding to **version 2.2.0.0.0** of the selected product.

7. Click **Continue**. The Oracle Standard Terms and Restrictions page appears.

8. Select the **I have reviewed and accept the terms of the Commercial License, Special Programs License, and/or Trial License** check box.

9. Click **Continue**. The contents of the media pack are listed.

10. To download all components, click **Download All**. If you want to download a specific component, click the zip file corresponding to the package that you want to download. The File Download dialog box appears.

11. Click **Save**. The Save As dialog box appears.

12. Browse to the location where you want to download the package and then click **Save**. The package is downloaded on your local machine.

5.   Known Issues

The known issue for release 2.2.0.0.0 is listed below:

Issue #1	Navigation issue in Modeller
Description	While viewing or editing the details a particular version of a model, the back button (⟲) takes you back to the Modeller page, instead of the Model Details page.
Work around	You can navigate back to the Model Details page by clicking the model again.
Current Status	**OPEN**

6.   Technical Support

For any technical support, consult with Oracle Support, Oracle Partner, or Oracle Consulting that may be supporting your implementation and upgrade process.