

**Oracle Utilities Advanced Spatial and
Operational Analytics**

Release Notes

Release 2.4.0.2

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Preface

These release notes provide an overview of new features and known issues in Oracle Utilities Advanced Spatial and Operational Analytics v 2.4.0.2 (2.4.0 Service Pack 2).

This preface contains these topics:

- **Audience**
- **Related Documents**
- **Notational Conventions**

Audience

Oracle Utilities Advanced Spatial and Operational Analytics Release Notes is intended for anyone installing or using Oracle Utilities Advanced Spatial and Operational Analytics version 2.4.0.2.

Related Documents

For more information, see the following documents:

- *Oracle Utilities Advanced Spatial and Operational Analytics Quick Install Guide*
- *Oracle Utilities Advanced Spatial and Operational Analytics Installation Guide*
- *Oracle Utilities Advanced Spatial and Operational Analytics Administration Guide*

Oracle Utilities Business Intelligence Documentation Library:

- *Oracle Utilities Business Intelligence Installation Guide*
- *Oracle Utilities Business Intelligence DBA Guide*
- *Oracle Utilities Business Intelligence User's Guide*
- *Oracle Utilities Business Intelligence Server Administration Guide*

Oracle Business Intelligence Suite Enterprise Edition Documentation Library, End User Documentation:

- *Oracle Business Intelligence Answers, Delivers, and Interactive Dashboards User Guide*
- *Oracle Business Intelligence Publisher Report Designer's Guide*

See Also:

- *Oracle Utilities Application Framework Business Process Guide*
- *Oracle Utilities Application Framework Administration Guide*

Notational Conventions

The following notational conventions are used in this document:

Notation	Indicates
boldface	Graphical user interface elements associated with an action, terms defined in text, or terms defined in the glossary
<i>italic</i>	Book titles, emphasis, or placeholder variables for which you supply particular values
monospace	Commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter

Release Notes

These release notes contain the following sections:

- **About This Release**
- **Known Issues**
- **Demo Data Information**
- **Supported Upgrades**

About This Release

This section contains general information about this release of Oracle Utilities Advanced Spatial and Operational Analytics, including:

- **Enhancements**
- **Bug Fixes**

Refer to the quick install guide and installation guide for information regarding supported platforms and installation steps.

Visit My Oracle Support (<http://support.oracle.com>) for the most recent service packs and patches for this release to ensure you have the most current version of this product.

Enhancements

This section describes the enhanced features in Oracle Utilities Advanced Spatial and Operational Analytics 2.4.0.2, including:

- **Customer Care and Billing Analytics**
- **Work and Assets Analytics**
- **Outage Analytics and Distribution Analytics**
- **Meter Data Analytics**
- **Improved ETL Fact Load Exception Management**

Note: See the metric reference guide of respective analytics for detail description of the new and enhanced dashboards.

Customer Care and Billing Analytics

This section describes the enhancements to Oracle Utilities Customer Analytics, Oracle Utilities Credit & Collections Analytics, and Oracle Utilities Revenue Analytics. It includes the following:

- New dashboard enhancements, including new Overview pages, additional drill down to other pages, and Detail pages.
- Drill back into the Oracle Utilities Customer Care and Billing application from within the BI dashboard.

Work and Assets Analytics

The enhancements to Oracle Utilities Work & Asset Management Analytics include:

- Reorganized dashboards with improved visual metaphors.
- Additional drill-down points providing more analytical workflow support.

Outage Analytics and Distribution Analytics

The enhancements to Oracle Utilities Outage Analytics and Oracle Utilities Distribution Analytics include:

- Reorganized dashboards and additional drill-down points providing more analytical workflow support.

Meter Data Analytics

The enhancements to Oracle Utilities Meter Data Analytics include the following:

- Additional drill-down points for improved analytical workflow support.
- New answer enabling comparative analysis of events, activities, and exceptions between various entities, such as head end systems, service providers, and device manufacturers.

Improved ETL Fact Load Exception Management

The enhancements to ETL fact load exception management include the following:

- Capturing invalid dimension reference while loading fact, identifying specific records in error, and facilitating easy error correction.
- Allowing customers to associate custom exception handling procedure to fact loads to manage other types of exceptions besides invalid dimension reference.

Note: See the *Oracle Utilities Advanced Spatial and Operational Analytics Administration Guide* v2.4.0.2, Chapter 3 for detail description of the Improved ETL Fact Load Exception Management enhancement.

Bug Fixes

Apart from the new enhancement list above, the Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP2 includes a number of bug fixes across Meter Data Analytics, Outage Analytics, Customer Care and Billing Analytics, Work and Assets Analytic, and Mobile Workforce Analytics, along with few ETL bug fixes.

See the Product-Fix-Design (PFD) document released along with this service pack for complete list of the bug fixes.

Known Issues

This section describes the known issues in Oracle Utilities Advanced Spatial and Operational Analytics version 2.4.0.2 at the time of this release. Single fixes for these issues will be released at a later date.

- **Outage Fact Delete Records** - Patch Number 14353302 is applicable for customers using Outage Analytics on OBIU Release 2.4.0.2. This is to fix the issue related to error handling for fact records marked for delete. The patch is not required for any other previous release of OBIU.

Demo Data Information

The Oracle Utilities Advanced Spatial and Operational Analytics 2.4.0 demo database contains sample data based on the application versions provided with this release.

The Oracle Utilities Advanced Spatial and Operational Analytics 2.4.0.2 demo database contains sample data based on the application versions provided with this release, including:

- Oracle Utilities Advanced Spatial and Operational Analytics 2.4.0.2
- Oracle Utilities Application Framework 4.1.0

Supported Upgrades

Oracle Utilities Advanced Spatial and Operational Analytics 2.4 is based on OBIEE 11g. Oracle Utilities Advanced Spatial and Operational Analytics Version 2.3.2.1 is the only prior version which is supported for direct upgrade to version 2.4. Some of the older versions of this product will require a two-step upgrade process to reach version 2.4

Oracle Utilities Advanced Spatial and Operational Analytics 2.4.0.2 is based on OBIEE 11g. Oracle Utilities Advanced Spatial and Operational Analytics Version 2.4.0 and version 2.4.0.1 (2.4.0 Service Pack 1) are the only prior version which is supported for direct upgrade to version 2.4.0.2. If you are using any previous version of OBIU (2.2.x or 2.3.x) , you need to first upgrade to release 2.4.0 before upgrading to release 2.4.0.2.

Current Version	First Upgrade To	Target
X.X.X	2.4.0	2.4.0.2
2.4.0		2.4.0.2
2.4.0.1		2.4.0.2