# Oracle Utilities Advanced Spatial and Operational Analytics

Release Notes

Release 2.4.0.4

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Oracle Utilities Advanced Spatial and Operational Analytics Release Notes

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# Contents

# Preface

This release notes provides an overview of new features and known issues in Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0.4 (2.4.0 Service Pack 4).

This preface contains the following 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 2.4.0.4.

## 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 defines in the glossary |
| *italic* | 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

This release notes contains the following sections:

- **What's New in this Release**

- **Known Issues**

- **Demo Data Information**

- **Supported Upgrades**

# What's New in this Release

This section contains general information about Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4, including:

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

Refer to the Quick Install Guide and Installation Guide for information about 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 v2.4.0 SP4, including:

- **Multiple Data Source Indicator (DSI) Approach for ETL**

### Multiple Data Source Indicator (DSI) Approach for ETL

Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4 supports the multiple data source indicator approach for customers who implemented the multiple utilities application and leverage the integration supported by these systems.

For example: Oracle Utilities Meter Data Management (MDM) and Oracle Utilities Customer Care and Billing (CCB) joint implementations can leverage the Oracle Utilities MDM-CCB integration, and thus, customers can use Oracle Utilities Customer Care and Billing as the master repository for customer related data (account, premise, address, etc). So, the Oracle Utilities Meter Data Management instance does not store any customer-related information, but refers to the information in Oracle Utilities Customer Care and Billing. Similarly, Oracle Utilities Mobile Workforce Management (MWM) is the master repository for all meter related data.

The latest Oracle Utilities Meter Data Management and Oracle Utilities Mobile Workforce Management patches include additional parameter options for Customer DSI and Meter DSI, when running the extractor batch programs. This additional Customer DSI and Meter DSI are added into the control file. With this enhancement in this release, during the file load the load process uses the Customer DSI or Meter DSI to join to a Oracle Utilities Customer Care and Billing or Oracle Utilities Meter Data Management dimension respectively.

Refer to the respective release notes for the required Oracle Utilities Meter Data Management and Oracle Utilities Mobile Workforce Management patches. See the *Oracle Utilities Advanced Spatial and Operational Analytics Administration Guide* for detailed description of multiple data source indicator approach for ETL.

## Bug Fixes

Apart from the new enhancement list above, Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4 includes few bug fixes across Meter Data Analytics, Mobile Workforce Analytics, Outage Analytics, Customer Care and Billing Analytics, and Administration dashboard.

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

# Known Issues

The known issues in this service pack release are listed below. These issues are specific to Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4 installed on OBIEE 11.1.1.6.4, but not applicable to Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4 installed on OBIEE 11.1.1.5.

• **Issue # 1** - On the dashboard pages with maps, if a user tries to refresh the page after changing the parameter values, the system throws a JavaScript error on clicking "Apply" the first time. If the user clicks "Apply" again more number of times, the page loads fine. This issue is applicable only with OBIEE 11.1.1.6.4 on Internet Explorer (IE) browser, but works fine on Firefox. This issue does not occur with OBIEE 11.1.1.5 (both on Internet Explorer and Firefox).

The OBIEE bug # **1600672**3 includes the steps to resolve this issue.

• **Issue # 2** - The map on the Outage Analytics with OBIEE 11.1.1.6.4 throws an error. This issue does not occur with OBIEE 11.1.1.5.

The Oracle Utilities Advanced Spatial and Operational Analytics bug # **15994943** includes the steps to resolve this issue.

# Demo Data Information

The Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4 demo database contains sample data based on the application versions provided with this release, including:

• Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4

# Supported Upgrades

Oracle Utilities Advanced Spatial and Operational Analytics v2.4.0 SP4 is based on OBIEE 11g. Oracle Utilities Advanced Spatial and Operational Analytics version 2.4.0 and version 2.4.0.3 (2.4.0 Service Pack 3) are the only prior versions which are supported for direct upgrade to version 2.4.0.4. 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 2.4.0.4.

| Current Version | First Upgrade To | Target |
| --- | --- | --- |
| X.X.X | 2.4.0 | 2.4.0.4 |
| 2.4.0 | | 2.4.0.4 |
| 2.4.0.1 | | 2.4.0.4 |
| 2.4.0.2 | | 2.4.0.4 |
| 2.4.0.3 | | 2.4.0.4 |