

Oracle Utilities Analytics

Release Notes

Release 2.5.1

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Oracle Utilities Analytics Release Notes, Release 2.5.1

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Contents

- Preface**..... i-i
 - Audience i-i
 - Related Documents i-i
 - Notational Conventions i-ii
- Release Notes** 1-1
 - What's New in Oracle Utilities Analytics v2.5.1 1-2
 - New Products 1-2
 - Enhanced Products..... 1-2
 - Supported Upgrade Paths..... 1-3
 - Known Issues 1-3
 - Demo Data Information 1-3

Preface

This Release Notes provides an overview of new (and/or enhanced) features and known issues in Oracle Utilities Analytics, Release 2.5.1. Note that the product is referred to as Oracle Utilities Analytics v2.5.1 or OUA v2.5.1 in this document.

The preface includes the following sections:

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

Audience

This document is intended for anyone installing or using Oracle Utilities Analytics v2.5.1.

Related Documents

For more information, see these resources:

- *Oracle Utilities Analytics Installation Guide*
- *Oracle Utilities Analytics Quick Install Guide*
- *Oracle Utilities Analytics User's Guide*
- *Oracle Utilities Analytics Administration Guide*
- *Oracle Utilities Analytics Dashboards for Customer Analytics, Revenue Analytics, and Credit & Collections Analytics Metric Reference Guide*
- *Oracle Utilities Analytics Dashboards for Exception Analytics Metric Reference Guide*
- *Oracle Utilities Analytics Dashboards for Mobile Workforce Analytics Metric Reference Guide*
- *Oracle Utilities Analytics Dashboards for Distribution Analytics and Outage Analytics*
- *Oracle Utilities Analytics Dashboards for Work and Asset Analytics Metric Reference Guide*
- *Oracle Utilities Analytics Dashboards for Operational Device Analytics Metric Reference Guide*
- *Oracle Utilities Extractors and Schema for Oracle Utilities Customer Care and Billing Data Mapping Guide*
- *Oracle Utilities Extractors and Schema for Oracle Utilities Meter Data Management Data Mapping Guide*
- *Oracle Utilities Extractors and Schema for Oracle Utilities Mobile Workforce Management Data Mapping Guide*

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- *Oracle Utilities Extractors and Schema for Oracle Utilities Network Management System Data Mapping Guide*
 - *Oracle Utilities Extractors and Schema for Oracle Utilities Operational Device Management Data Mapping Guide*
 - *Oracle Utilities Extractors and Schema for Oracle Utilities Work & Asset Management Data Mapping Guide*

Notational Conventions

The following text 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

This chapter introduces Oracle Utilities Analytics Release Notes, Release 2.5.1. It includes the following topics:

- **What's New in Oracle Utilities Analytics v2.5.1**
- **Supported Upgrade Paths**
- **Known Issues**
- **Demo Data Information**

What's New in Oracle Utilities Analytics v2.5.1

Oracle Utilities Analytics is a set of star schemas, graphic templates, and data processing programs allowing you to build a Business Intelligence (BI) solution to meet your organization's analytic requirements.

This section contains general information about this release of Oracle Utilities Analytics, including:

- **New Products**
- **Enhanced Products**

Note: See the *Oracle Utilities Analytics Installation Guide* for information about the 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.

New Products

There are no new products introduced in Oracle Utilities Analytics v2.5.1.

Enhanced Products

This section describes the products enhanced in Oracle Utilities Analytics v2.5.1.

- **Oracle Utilities Network Management System Extractors and Schema**
- **Oracle Utilities Outage Analytics**

Oracle Utilities Network Management System Extractors and Schema

Until Oracle Utilities Analytics v2.5.1, Oracle Utilities Network Management System Extractors and Schema was based on procedure/view based extractors on the source system, and Oracle Warehouse Builder based load jobs on the target data warehouse. Oracle Utilities Analytics v2.5.1 only supports Oracle Data Integrator based Extract-Load-Transform (ELT) for Oracle Utilities Network Management System Extractors and Schema.

The new Oracle Data Integrator based ELT processes is a collection of prebuilt transformation views, schema components, and load packages that are used to extract, load, and transform data from Oracle Utilities Network Management System. This collection comprises pre-configured ELT components, such as Oracle Data Integrator objects and transformation views to enable smooth transfer of data from Oracle Utilities Network Management System to the data warehouse in Oracle Utilities Analytics.

Also, the star schemas for Oracle Utilities Network Management System have been enhanced to include 'natural key' columns and indexes for performance improvement.

Note: See *Oracle Utilities Extractors and Schema for Oracle Utilities Network Management System Data Mapping Guide* for the Oracle Data Integrator ELT jobs and new/old fact details.

Oracle Utilities Outage Analytics

Oracle Utilities Outage Analytics is a comprehensive collection of prebuilt Oracle Business Intelligence Enterprise Edition (OBIEE) based dashboards and answers that measure and monitor critical metrics related to Oracle Utilities Network Management System. The existing prebuilt analytics collection covers critical business areas, such as outages, restoration status, crew assignments, feeder performance, and more.

In Oracle Utilities Analytics v2.5.1, Outage Analytics have been enhanced to provide additional metrics to support business cases for restoration promptness, device interruptions, outages by device, etc.

Supported Upgrade Paths

The following table outlines the supported upgrade paths available for Oracle Utilities Analytics v2.5.1.

Current Release Version	First Upgrade To	Target Release Version
Pre-v2.4.0	OUA v2.4.0	OUA v2.4.0 Service Pack 4 (OUA v2.4.0.4)
OUA v2.4.0 Service Pack 4 (OUA v2.4.0.4)	N/A	OUA v2.5.0 Patch Set 1 (OUA v2.5.0.0.1)
OUA v2.5.0 Patch Set 1 (OUA v2.5.0.0.1)	OUA v2.5.0 Patch Set 2 (OUA v2.5.0.0.2)	OUA v2.5.1

Known Issues

The following issues are known in Oracle Utilities Analytics v2.5.1 at the time of this release.

- **Historical Outages Dashboard > Historical Outages Map**

The map does not show the playback feature. The spatial analyses are transitioned to the standard Map Viewer integration available in OBIEE 11.1.1.7.1. OBIEE 11.1.1.7.1 does not support the playback functionality at the time of this Oracle Utilities Analytics release. This feature will most likely be available in a future release (at the earliest).

- **Current Outages Dashboard > Current Outages Map**

The map does not show the “Customers Impacted” metric through a heat map, and also the weather information overlay. The spatial analyses are transitioned to the standard Map Viewer integration available in OBIEE 11.1.1.7.1. OBIEE 11.1.1.7.1 does not support the heat map and external data overlay functionalities at the time of this Oracle Utilities Analytics release. This feature will most likely be available in a future release (at the earliest).

- **19215756** - Process flow error is generated while loading the WAM v1.9.1 extracts.
- **19233320** - Few history rows may possibly be missing in Oracle Utilities Customer Care and Billing Type 2 dimensions when the change occurs only in a nullable column of the dimension.

The following issues are open in Oracle GoldenGate that have an impact on the Oracle Utilities Analytics v2.5.1 product:

- **19179584** - The Oracle GoldenGate replication process can end up loading data out of sequence when transactions occur within 1 second of each other. For example: An ‘update’ may get processed before the ‘insert’.
- **19172080** - The Oracle GoldenGate replication process converts commit timestamps obtained from the source time zone to the target time zone, causing inconsistent timestamps in the replicated data.
- **19204593** - If the patch provided to fix bug# **19007464** is applied on the source, then the Oracle GoldenGate extract process fails.

Demo Data Information

The Oracle Utilities Analytics v2.5.1 demo database contains sample data based on the application versions provided with this release.