Oracle Utilities Analytics Warehouse

Release Notes

Release 2.8.0.1.0

F75542-04

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Contents

Preface

Welcome to Oracle Utilities Analytics Warehouse Release Notes.

This release notes provides an overview of new (and/or enhanced) functionality and known issues in Oracle Utilities Analytics Warehouse V2.8.0.1.0, V2.8.0.1.1, and V2.8.0.1.2. It includes:

- Audience
- Documentation Accessibility
- Related Documents
- Conventions
- Acronyms

Audience

This Release Notes is intended for anyone installing or using Oracle Utilities Analytics Warehouse V2.8.0.1.0 V2.8.0.1.1, or V2.8.0.1.2.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more information, visit My Oracle Support or Oracle Accessibility Learning and Support if you are hearing impaired.

Related Documents

Refer to the Oracle Utilities Analytics Warehouse Installation and Configuration Checklist for high-level steps to install and configure the Oracle Utilities Analytics Warehouse product. **Note** that this checklist includes information for 2.7.0.2.0 and is applicable for 2.8.0.1.0 also.

The following documentation is included in this release.

Installation, Administration, and Release Notes

- *Oracle Utilities Analytics Warehouse Release Notes*
- *Oracle Utilities Analytics Warehouse Getting Started Guide*
- *Oracle Utilities Analytics Warehouse License Information User Manual*
- *Oracle Utilities Analytics Warehouse Installation and Configuration Guide*
- *Oracle Utilities Analytics Warehouse Quick Install Guide*
- *Oracle Utilities Analytics Warehouse Developer's Guide*

Metric Reference Guides

Refer to the Oracle Utilities Analytics Warehouse documentation on Oracle Help Center for details about the metric reference guides included in this release.

Data Mapping Guides

Refer to the Oracle Utilities Analytics Warehouse documentation on Oracle Help Center for details about the data mapping guides included in this release.

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 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

Acronyms

The following terms are used in this document:

Term	Expanded Form
OUAW	Oracle Utilities Analytics Warehouse
ODI	Oracle Data Integrator
OAS	Oracle Analytics Server

Chapter 1

Release Notes

This release notes is applicable to Oracle Utilities Analytics Warehouse V2.8.0.1.0, V2.8.0.1.1, and V2.8.0.1.2. It focuses on the following:

- What's New in this Release
- Supported Platforms Notice
- Supported Source Application Versions
- Supported Upgrade Paths
- Demo Data Information
- Known Issues
- Product Documentation

For more information, see the Oracle Utilities Analytics Warehouse documentation available on Oracle Help Center at: https://docs.oracle.com/en/industries/energy-water/analytics/index.html

Have a question? Contact your Delivery Team or visit My Oracle Support.

What's New in this Release

This section describes the features and improvements in Oracle Utilities Analytics Warehouse. The following topics introduce the new and enhanced features of Oracle Utilities Analytics Warehouse in this release, and other significant changes in the documentation.

Oracle Utilities Extractors and Schema for Oracle Utilities Network Management System

As of V2.8.0.1.0, Oracle Utilities Extractors and Schema for Oracle Utilities Network Management System have been enhanced by providing the ability to report updated outage and customer restoration trend information using the Outage History fact. This is a new fact table included in this release.

The Recent Crew Activity and Restored Crew Activity star schemas have also been enhanced to enable reporting on the latest Acceptance, Arrival, and Completion times of crews, by introducing additional columns in the underlying fact tables for these values.

In addition to the above, the GoldenGate historization package for Oracle Utilities Network Management System replication tables has been modified to exclude the historization logic for some of the SCD Type 2 tables.

For information about Oracle Data Integrator ELT jobs, refer to the Oracle Utilities Extractors and Schema for Oracle Utilities Network Management System Data Mapping Guide included in this release.

Refer to the Oracle Utilities Analytics Warehouse documentation on Oracle Help Center for more details.

Oracle Utilities Outage Analytics Dashboards

As of V2.8.0.1.0, the Outage Analytics dashboards have been enhanced to provide an additional subject area for the new Outage History star schema.

Updated Supported Platforms

See the Supported Platforms Notice section.

Updated Supported Source Application Versions

See the Supported Source Application Versions section.

Updated Supported Upgrade Paths

See the Supported Upgrade Paths section.

Recommended Hardware

This section focuses on the hardware requirements that are necessary to install Oracle Utilities Analytics Warehouse.

RAM Requirements

Make sure that your system meets the following recommended RAM requirements.

Minimum RAM	28 GB
Recommended RAM	32 GB or more

Swap the space allocation relative to RAM space. It is better to have half of the RAM size as Swap space.

> **Note**: These are the minimum recommendations, but this can be increased if RAM and Swap space are required to improve or enhance the Oracle Utilities Analytics Warehouse performance.

Disk Space Requirements

Installing Oracle Utilities Analytics Warehouse may require the following disk space:

- 20 GB of free space for the Oracle Utilities Analytics Warehouse software files on the file system.

- Terabytes of free space for Oracle Utilities Analytics Warehouse tablespaces (increase the size as per the number of source connections).

Supported Platforms Notice

On the server side:

Operating System (Server)	FMW App Server	JDK	Oracle Database	Oracle Analytics Server	Oracle Data Integrator (ODI)	Apex	Oracle Golden Gate	Oracle GoldenGate Monitoring Agent	Oracle REST Data Service
Oracle Linux 7.9, 8.x (64-bit) IBM AIX 7.2 (64-bit) Oracle Solaris 11.4, on SPARC (64-bit)	WebLogic 12.2.1.4.0 + Patch 34065178 + Patch 34373563	JDK8 8u341 (For AIX) 1.8.0 SR6 FP16+	Enterprise Edition 19.x Patch 33806152 Client for Linux 19	6.4 (Note that this component installation is not supported on AIX and Solaris.) + Patch 34373446 + Patch 33877829	12.2.1.4 + Patch 34345040	22.1	19.1.0.0	12.2.1.2 + Patch 26982776	21.1.3

Oracle Analytics Server 7.0.0 (OAS 2023) and Oracle Analytics Server 7.6.0 (OAS 2024) are now certified with Oracle Utilities Analytics Warehouse 2.8.0.1.0. The table below shows the FMW Application Server and JDK versions required for Oracle Analytics Server 7.0.0 and 7.6.0.

FMW Application Server	JDK	Oracle Analytic Server
WebLogic 12.2.1.4	1.8.0_361 (for OAS 7.0) 1.8.0_411 (for OAS 7.6)	OAS 7.0.0 OAS 7.6.0

For information about the required patch details, refer to the Perform Pre-Installation Steps for OUAW section in Oracle Utilities Analytics Warehouse Installation and Configuration Guide.

Note that the customers installing Oracle Utilities Analytics 2.8.0.1.0 with Oracle Analytics Server 7.0.0 or 7.6.0 for the first time must follow the steps mentioned in the Install Dashboards Component section in Install and Configure Oracle Utilities Analytics Warehouse.

For existing customers that are on Oracle Utilities Analytics Warehouse 2.8.0.1.0 with Oracle Analytics Server 6.4.0 to upgrade to Oracle Analytics Server 7.0.0 or 7.6.0, follow the upgrade instructions described in the Oracle Analytics Server documentation at: https://docs.oracle.com/en/middleware/bi/analytics-server/migrate-upgrade-oas/introduction-migrating-and-upgrading-oracle-analytics-server.html#GUID-F20825E7-07E1-4795-9848-55EAD5DDA4E8

On the client side:

Client Operating System	Browser Versions
Windows 10 (64-bit)	Microsoft Edge 108.0.1462.54
	Firefox 108.0.1
	Google Chrome 108.0.5359.125

Important: For the latest system requirements and supported platforms details, refer to the knowledge article **Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)** available on My Oracle Support.

Note that Windows operating system for server is no longer supported.

For an updated list of supported platforms, refer to the **System Requirements and Supported Platforms** section in the Oracle Utilities Analytics Warehouse Installation and Configuration Guide included in the Oracle Utilities Analytics Warehouse documentation.

Supported Source Application Versions

The following source application versions are supported in this Oracle Utilities Analytics Warehouse release:

Source Application	Version
Customer Care and Billing	2.9.0.0 2.8.0.0 2.7.0.3 2.7.0.1 2.7.0.0
Customer to Meter	2.9.0.0 2.8.0.0 2.7.0.3 2.7.0.1 2.7.0.0 2.6.0.1
Network Management System	2.6.0.1 (Supported with Oracle Utilities Analytics Warehouse V2.8.0.1.2) 2.6.0.0 (Supported with Oracle Utilities Analytics Warehouse V2.8.0.1.1) 2.5.0.2 2.5.0.1 2.5.0.0 2.4.0.1 2.3.0.2
Work and Asset Management	2.4.0.0 2.3.0.0 2.2.0.6.2 2.2.0.2
Meter Data Management	2.5.0.0 2.4.0.0 2.3.0.2 2.2.0.3
Mobile Workforce Management	2.3.0.3 2.2.0.x

For an updated list of source applications, refer to the **Supported Edge Applications** section in the *Oracle Utilities Analytics Warehouse Installation and Configuration Guide* included in the Oracle Utilities Analytics Warehouse documentation.

For latest edge application version details, refer to the knowledge article **Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)** available on My Oracle Support.

Supported Upgrade Paths

The following upgrade paths are available for Oracle Utilities Analytics Warehouse in this release:

- V2.8.0.0.1 to V2.8.0.1.0

- V2.7.0.2.1 to V2.8.0.1.0

- V2.7.0.1.3 to V2.8.0.1.0

For more information about upgrade steps, refer to the Oracle Utilities Analytics Warehouse Installation and Configuration Guide included in the Oracle Utilities Analytics Warehouse documentation.

Demo Data Information

The Oracle Utilities Analytics Warehouse V2.8.0.1.0 demo database contains sample data based on the application versions provided with this release.

Demo data provides sample configuration and data for key application features. It is delivered as part of the base installation. Refer to the Install and Configure Oracle Utilities Analytics Warehouse With Demo Data section in the Oracle Utilities Analytics Warehouse Installation and Configuration Guide included in the Oracle Utilities Analytics Warehouse documentation for more information or contact My Oracle Support.

Oracle recommends that you do not clone the demonstration environment as a basis for a new production environment. The demonstration environment typically includes transactional data that will be irrelevant to your production environment and can cause unexpected issues if it is not purged correctly. The recommended process is to start a new production environment from a new installation and migrate "clean" system data (such as business objects and algorithms) and administrative data from the demonstration and/or test or development environments as applicable.

Known Issues

There are no known issues at the time of this Oracle Utilities Analytics Warehouse release.

Product Documentation

The complete Oracle Utilities Analytics Warehouse documentation set is available from the Oracle Help Center at: https://docs.oracle.com/en/industries/energy-water/analytics/index.html