

Oracle Utilities Analytics Warehouse

Release Notes

Release 2.9.0.0.0

F99074-03

May 2024
(July 2024)

Oracle Utilities Analytics Warehouse Release 2.9.0.0.0 Release Notes

F99074-03

Copyright © 2000, 2024 Oracle and/or its affiliates.

Contents

Preface	i
Audience	ii
Documentation Accessibility	ii
Related Documents	ii
Conventions.....	iii
Acronyms.....	iii
Chapter 1	
Release Notes	1-1
What's New in this Release.....	1-2
Support for Microservices Architecture for Configuring Oracle GoldenGate	1-2
Support for Oracle Analytics Server 2024.....	1-2
Updated Supported Platforms	1-2
Updated Supported Source Application Versions	1-2
Updated Supported Upgrade Paths.....	1-2
Recommended Hardware.....	1-2
RAM Requirements	1-3
Disk Space Requirements	1-3
Supported Platforms Notice	1-3
Supported Source Application Versions	1-4
Supported Upgrade Paths.....	1-4
Demo Data Information	1-5
Known Issues	1-5
Product Documentation.....	1-5

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 V2.9.0.0.0.

The preface includes the following:

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)
- [Acronyms](#)

Audience

This Release Notes is intended for anyone installing or using Oracle Utilities Analytics Warehouse V2.9.0.0.0.

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 2.9.0.0.0.

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 Licensing 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 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

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 V2.9.0.0.0. It focuses on the following:

- [What's New in this Release](#)
- [Recommended Hardware](#)
- [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.

- [Support for Microservices Architecture for Configuring Oracle GoldenGate](#)
- [Support for Oracle Analytics Server 2024](#)
- [Updated Supported Platforms](#)
- [Updated Supported Source Application Versions](#)
- [Updated Supported Upgrade Paths](#)

Support for Microservices Architecture for Configuring Oracle GoldenGate

Starting V2.9.0.0.0, Oracle Utilities Analytics Warehouse will support Oracle GoldenGate Microservice Architecture. Oracle Utilities Analytics Warehouse V2.9.0.0.0 is certified on Oracle Database and Oracle GoldenGate 19c.

Please note the following:

- Oracle GoldenGate Classic Architecture for Oracle database has been deprecated with release 21C and may not be supported and/or available in a future release. For more information, visit: <https://docs.oracle.com/en/middleware/goldengate/core/21.3/release-notes/whats-new-this-release.html#GUID-B77F09DF-5A96-42F8-B3F2-EB4D7B32102D>
- The premier support for Oracle GoldenGate 19c ends in April 2026. More details on premier and extended support for OracleGoldenGate can be found on page 30 in the **Oracle Fusion Middleware Lifetime Support Policy** document at: <https://www.oracle.com/us/assets/lifetime-support-middleware-069163.pdf>

Support for Oracle Analytics Server 2024

Oracle Utilities Analytics Warehouse 2.9.0.0.0 has been certified with Oracle Analytics Server version 2024 (7.6). It thus supports Oracle Analytics Server versions 2023 and 2024.

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 Microservices	Oracle REST Data Service
Oracle Linux 7.x, 8.x (64-bit)	WebLogic 12.2.1.4.0	JDK 8u411	Enterprise Edition 19.x	7.0 (2023) and 7.6 (2024)	12.2.1.4	23.2	19.1	21.4.3
Oracle Solaris 11.4 on SPARC (64-bit)		(For AIX) 1.8.0 SR8 FP11 +	Client for Linux 19	(Note that this component installation is not supported on AIX and Solaris.)				
IBM AIX 7.2 On POWER Systems (64-bit)								

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](#).

On the client side:

Client Operating System	Browser Versions
Windows 10 (64-bit)	Microsoft Edge 125.0.2535.51
	Mozilla Firefox 125.0.2
	Google Chrome 124.0.6367.209

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 [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	2.9.0.1.1
Customer to Meter	2.9.0.1.1
Network Management System	2.6.0.1.1 2.3.0.2.0
Work and Asset Management	2.4.0.1.1
Meter Data Management	2.5.0.1.1
Mobile Workforce Management	2.3.0.3.0 2.2.0.x.x

Important! In Oracle Utilities Analytics Warehouse V2.9.0.0.0, the Oracle Utilities Network Management System versions 2.3.0.2.x and 2.6.0.1.x are supported. Please note that support for V2.4.0.1 and 2.5.0.2 will be available soon.

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 path is available for Oracle Utilities Analytics Warehouse in this release:

- V2.8.0.1.2 to V2.9.0.0.0

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 V2.9.0.0.0 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 on Oracle Help Center at: <https://docs.oracle.com/en/industries/energy-water/analytics/index.html>