

# **Oracle Utilities Analytics Warehouse**

Release Notes

Release 2.8.0.0.0

**F50044-05**

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Oracle Utilities Analytics Warehouse Release Notes, Release 2.8.0.0.0

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# 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 2.8.0.0. It includes:

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

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# Audience

This Release Notes is intended for anyone installing or using Oracle Utilities Analytics Warehouse 2.8.0.0.

## 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 2.7.0.2 and is applicable for 2.8.0.0 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.

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## Conventions

The following text conventions are used in this document:

Notation	Indicates
<b>boldface</b>	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

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## Release Notes

This release notes is applicable to 2.8.0.0.0. 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](#)

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## 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, and other significant changes in the documentation.

### Oracle Utilities Extractors and Schema for Oracle Utilities Customer Care and Billing

As of 2.8.0.0, Oracle Utilities Extractors and Schema for Oracle Utilities Customer Care and Billing have been enhanced to provide an increased number of user-defined columns to allow greater flexibility to the customers for customization. For information about Oracle Data Integrator ELT jobs, refer to the *Oracle Utilities Extractors and Schema for Oracle Utilities Customer Care and Billing Data Mapping Guide* included in the [Oracle Utilities Analytics Warehouse](#) documentation.

### 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.

### New HTML Documentation

Starting Oracle Utilities Analytics Warehouse 2.8.0.0.0, the product documentation (including installation, configuration, administration and user documentation) will be available online. Visit [Oracle Utilities Analytics Warehouse](#) documentation on Oracle Help Center for the complete list of documents.

## 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

An Oracle Utilities Analytics Warehouse installation is tested and supported on a wide variety of operating system, application server, and database server combinations. The following table provides the details of the minimum versions supported.

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 7.7, 8.x (64-bit)	WebLogic 12.2.1.4.0	JDK8 8u291	Enterprise Edition 19.x	5.9 (Note that this component is not supported on Solaris.)	12.2.1.4	21.1	19.1.0.0	12.2.1.2	21.1.3
Oracle Solaris SPARC 5.11			Client for Linux 19						

Oracle Analytics Server 6.4.0 is now certified with Oracle Utilities Analytics Warehouse 2.8.0.0.0. The table below shows the FMW Application Server and JDK versions required for Oracle Analytics Server 6.4.0.

FMW Application Server	JDK	Oracle Analytic Server
WebLogic 12.2.1.4 Patch 34065178 + Patch 34373563	1.8.0_341	OAS 6.4.0 Patch 34373446 + Patch 33877829

**Note that** the customers installing Oracle Utilities Analytics 2.8.0.0.0 with Oracle Analytics Server 6.4.0 for the first time must follow the steps mentioned in the [Install Dashboards Component](#) section in [Install and Configure Oracle Utilities Analytics Warehouse](#). Changes to instanceconfig.xml is the only difference as part of Oracle Analytics Server 6.4.0 version changes. For additional steps, refer to the [Modify Instanceconfig.xml](#) section.

For existing customers that are on Oracle Utilities Analytics Warehouse 2.8.0.0.0 with Oracle Analytics Server 5.9 to upgrade to Oracle Analytics Server 6.4.0, follow the upgrade instructions described in the Oracle Analytics Server documentation.

<https://docs.oracle.com/en/middleware/bi/analytics-server/migrate-upgrade-oas/upgrading-latest-release-oracle-analytics-server.html#GUID-93B3A0DC-7546-4ABB-946E-593B3AAE444D>

On the client side:

Client Operating System	Browser
Windows 10 (64-bit)	Microsoft Edge 87.0.664.47
	Firefox 78.5.0
	Google Chrome 87.0.4280.66

**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	2.8.0.0
	2.7.0.3
	2.7.0.1
	2.7.0.0
Customer to Meter	2.8.0.0
	2.7.0.3
	2.7.0.1
	2.7.0.0
	2.6.0.1
Network Management System	2.5.0.1
	2.5.0.0
	2.4.0.1
	2.3.0.2
Work and Asset Management	2.3.0.0
	2.2.0.6.2
	2.2.0.2

Source Application	Version
Meter Data Management	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:

- 2.7.0.1.3 to 2.8.0.0.0

For more information, refer to the **Upgrade from 2.7.0.1.3 to 2.8.0.0** section in 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 2.8.0.0.0 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.

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## Known Issues

The following issues are known in Oracle Utilities Analytics Warehouse at the time of this release:

Bug Number	Description
33833223	<p><b>Issue:</b> The background maps do not work properly when using a Chrome browser.</p> <p><b>Workaround:</b> The issue does not appear while using Firefox. To view reports with maps, use the Firefox browser.</p>

## 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>