Angles for Oracle-Views

Release Notes

Version 23.4

December, 2023

Contents

Introduction

This document provides information about the fixed issues, new features, and system requirements for installing and upgrading to Angles for Oracle-Views 23.4.

System Requirements

The system requirements for Angles for Oracle-Views are as follows.

> ℹ **Note:** Make sure that you have the latest service packs and updates for Angles for Oracle-Views 23.4 and related products.

Prerequisites

The prerequisite for installing and using Angles for Oracle-Views 23.4 is Angles for Oracle-Views (Global forms of the views) of Version 6.6 or later.

Server Computer Requirements

The following table lists the hardware requirements.

Components	Recommended
Processor	Multiple processors or a single processor with multiple cores
RAM	16 GB
Disk Space	1-6 GB, depending on application size

The software requirements are as follows:

- **Microsoft Internet Information Services (IIS)**: 10, 8.5, or 8.0

  We recommend you enable Web Deploy and WebSocket Protocol in IIS.
- **Web browser**: Google Chrome 79.0.3945.130 or later
- **Oracle client software**: Version 11.2 or later, including SQL*Plus and Oracle Data Provider for .NET (ODP.NET)

  We recommend Oracle client software version 12C. The bitness of the Oracle client must match with that of the operating system. The TNS ADMIN environment variable must be set to the location of the `tnsnames.ora` file.
- **PostgreSQL Database**: Version 13.4
- **ASP.NET Core Runtime 6.0**: Go to https://dotnet.microsoft.com/ > **Downloads** > **All .NET Core downloads** > **ASP.NET Core Runtime 6.0.20** - Windows x64 Installer
- **ASP.NET Core Runtime 6.0**: Go to https://dotnet.microsoft.com/ > **Downloads** > **All .NET Core downloads** > **ASP.NET Core Runtime 6.0.20** -Windows Hosting Bundle

- Elasticsearch 6.8.22 (available as a part of the Angles Hub software installer)

  Install a compatible Java (JRE) and make sure the environment variables (`JAVA HOME` and `PATH`) are updated correctly to avoid installation issues.

Client Computer Requirements

The software requirements for Angles for Oracle-Views 23.4 are as follows:

- **Web browser**: Google Chrome 79.0.3945.130 or later
- **BI Tools**: Microsoft Power BI Desktop 2.79 or later, Tableau 2020.2.0 or later
- **Microsoft Excel**: Microsoft Excel 2019 or later

Angles Gateway Requirements

- Windows Server 2019, Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, Windows 10, or Windows 8.1
- 64 bit
- **Free hard drive space**: 1.3 GB
- **Microsoft updates**:

Windows Version	Knowledge Base Article Number
Windows 8.1	KB4054519
Windows 10	KB4103723
Windows Server 2012 R2	KB4054519
Windows Server 2016	KB4103723

The Angles Gateway software must be installed by an administrator or a user with administrator rights.

What's New

The new features in Angles Hub 23.4 are as follows:

Maintain different business view versions

You can now maintain different versions of business views. Whenever you make changes and save a business view, the business view will be saved as a new version.

The different versions of a business view are available on the **Version History** page, accessible through the **Business Views** icon > **Copy/Edit** icon > **Versions** tab. You can also compare different versions of business views using the **Compare** option available on the **Version History** page.

[ANGO-2903]

Row-level security on Financial module views

You can now enforce row-level security on financial views. The enhanced data security for financial modules secures your financial reports by inheriting security policies from Oracle ERP Cloud.

[ANGO-2626]

Known Issues

The known issue in Angles Hub 23.4 is as follows:

Generate Excel Reports

For the SaaS environment, when trying to generate Excel reports using Oracle as the target connection, the following error message is displayed:

The type initializer for 'ClosedXML.Excel.Drawings.XLPicture' threw an exception.

[ANGO-2755]

Installing and Upgrading

For instructions on installing and configuring Angles for Oracle-Views 23.4, see the *Angles Hub Installation Guide*.

You can upgrade to the latest version through the setup.

Make sure that your environment meets the system requirements for Angles for Oracle-Views 23.4.

For assistance, contact Product Support for help with installing Angles for Oracle-Views 23.4.