



Angles Hub

Release Notes

Version 22.3

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Introduction

This document provides information about the new features, enhancements, and system requirements for installing and upgrading to Magnitude Angles Hub 22.3.

This document was released on September 30, 2022. Please go to [Article No. 000015854](#) (INFO: Documentation for Magnitude Angles Hub) on the Knowledge area of the Magnitude Support Community; an updated version of this document might be available.

We welcome your input on the quality, accuracy, and usefulness of this document. Please send your comments and suggestions to documentation@magnitude.com.

System Requirements

The system requirements for Magnitude Angles Hub 22.3 are as follows.

⚠ Important: Make sure that you have the latest service packs and updates for Magnitude Angles Hub 22.3 and related products.

Prerequisites

The prerequisite for installing and using Magnitude Angles Hub 22.2 is Magnitude NoetixViews (NoetixViews) (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

ⓘ Note: 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)

ⓘ Note: 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 3.1:** Go to <https://dotnet.microsoft.com/> > Downloads > NET Core 3.1 > All .NET Core downloads > .Net Core 3.1 > 3.1.19 > ASP.NET Core 3.1 Runtime 3.1.19 -Windows x64 Installer
- **ASP.NET Core 3.1- Windows Hosting Bundle:** Go to <https://dotnet.microsoft.com/> > Downloads > NET Core 3.1 > All .NET Core downloads > .Net Core 3.1 > 3.1.19 > ASP.NET Core 3.1 Runtime 3.1.19 -Windows Hosting Bundle Installer
- Elasticsearch 6.8.22 (available as a part of the Angles Hub software installer)

Note: 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 Magnitude Angles Hub 22.3 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

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

What's New

The new features and enhancements to Angles Hub are as follows.

New Feature

Update all the business views with the latest DFF columns

You can update all the business views with the latest DFF columns using the **Sync All DFFs** option available under the Others option on the Connection Manager page.

Generate an Impact Analysis Report

You can view the differences, such as the changes in joint conditions and columns, between the business views to be imported and the business views already present in the MagnitudeNCA database without actually importing the business views. This can be achieved by using the **Generate impact analysis report only** button available on the **Import Metadata** page.

Refresh user mappings

The **User Security Refresh** button, available under the **Connection Manager** icon > **Actions**, allows you to synchronize the user mappings in Angles Hub with the NoetixViews Security repository.

Fixed Issues

The fixed issues in Magnitude Angles Hub 22.3 are as follows:

Sample Results

The following issues were observed when you create a report and access the Sample Results page for an Oracle EBS connection.

- An error message similar to the following was displayed for the APG0_BANKS_ACCOUNTS view: "SQL query failed to execute with the following error Input string was not in a correct format".
- If you apply a filter to a business view, the filter is not applied, and you can view the entire data.

The following issues were observed when you create or edit a report and access the Sample Results page for an Oracle EBS connection.

- If you try to open the Parameter Configuration window and close it without adding any parameters, the Parameters/Filters window does not display any data.
- If you select the Mapping Type as default, the sample results are not displayed automatically. You have to select default as the value for Identity provider to view the sample results.

[ANGO-252], [ANGO-248], [ANGO-247], [ANGO-210]

Deployed status in Business Views page

In an Oracle EBS connection, if you deployed the custom or copied views and refreshed business views, the **Deployed** status in the Business Views page was **False**.

[ANGO-250]

Generation of reports

When you try to generate reports for an Oracle EBS connection, an error message similar to the following was displayed:

"Network session: unexpected packet read error"

[ANGO-176]

Incorrect display of TNS names

While creating an Oracle EBS connection with the connection type as TNS , all the TNS names from the `tnsnames.ora` file are displayed except the first one.

[ANGO-275]

BI tool from the Security Manager window not updated

The BI tool from the Security Manager window is not updated when you are trying to add identity provider in the User Mappings window and the error message similar to the following is displayed:

"Connection request timed out".

[ANGO-301]

Installing and Upgrading

For instructions on installing and configuring Magnitude Angles Hub 22.3, see the *Magnitude Angles Hub Installation Guide*.

You can upgrade Magnitude Angles Hub 22.3 from version 7.1 or later through the setup.

Make sure that your environment meets the system requirements for Magnitude Angles Hub 22.3.

For assistance, contact [Magnitude Support](#) for help with installing Magnitude Angles Hub 22.3.