



# Angles Hub

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Release Notes

Version 23.2

May 2023

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## Introduction

This document provides information about the new features and system requirements for installing and upgrading to Magnitude Angles Hub 23.2.

This document was released on May 2023. 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](mailto:documentation@magnitude.com).

## System Requirements

The system requirements for Magnitude Angles Hub 23.2 are as follows.

**⚠ Important:** Make sure that you have the latest service packs and updates for Magnitude Angles Hub 23.2 and related products.

### Prerequisites

The prerequisite for installing and using Magnitude Angles Hub 23.2 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](#)

## System Requirements

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- **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 23.2 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.

## Fixed Issues

The fixed issues in Magnitude Angles Hub 23.2 are as follows:

### **Metadata extraction**

The Metadata extraction for an Oracle EBS connection failed due to the circular join references.

[ANGO-256]

### **Duplicate joins**

When you try to view the details of a join for a business view, the join conditions associated with the join were getting duplicated.

[ANGO-1367]

### **Refresh button**

While creating an Oracle EBS connection, the **Refresh** button available on the **Connections** page > **Connection** tab was not working.

[ANGO-2160]

### **Workspaces for custom views**

When custom views generated via NoetixViews Workbench are created, they get assigned to the default workspace instead of inheriting the workspace from the parent view.

[ANGO-2408]

### **Business Views count on the Home page**

The **Business Views** count on the **Home** page was showing as zero after refreshing the business views.

[ANGO-2411]

### **Synchronize business views**

When you tried to synchronize business views for an Oracle EBS connection when there were no views to be synced, the synchronization process was failing.

[ANGO-2414]

### **View deployment**

As primary workspace was not assigned to the business views, the business views were not getting deployed.

[ANGO-2438]

### **Modify report model**

When editing a single view report, you were unable to save the report upon linking other views on the reports page.

[ANGO-2446]



## Installing and Upgrading

For instructions on installing and configuring Magnitude Angles Hub 23.2, see the *Magnitude Angles Hub Installation Guide*.

You can upgrade to Magnitude Angles Hub 23.2 from version 7.1 or later through the setup.

Make sure that your environment meets the system requirements for Magnitude Angles Hub 23.2.

For assistance, contact [Product Support](#) for help with installing Magnitude Angles Hub 23.2.