



Angles Hub

Release Notes

Version 22.1 (7.2.1)

March 31, 2022

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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 22.1 (7.2.1).

This document was released on March 31, 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 22.1 (7.2.1) are as follows.

⚠ Important: Make sure that you have the latest service packs and updates for Magnitude Angles Hub 22.1 (7.2.1) and related products.

Prerequisites

The prerequisites for installing and using Magnitude Angles Hub 22.1 (7.2.1) are as follows:

Magnitude NoetixViews (NoetixViews) (Global forms of the views): 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 22.1 (7.2.1) 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

Note: 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 for Cloud are as follows.

New Features

Secure access to reports, views

Administrators can now enforce access control to the views and reports with user groups. For instance, financial users will have access to views and reports associated only with financials workspaces and not more.

This can be achieved using the **Create User Group** icon available under **NCAAdmin > Administrator > User Groups**.

In **Workspaces**, the administrator can provide user groups with read or write permissions.

Generate secure, shareable Excel reports

In addition to importing data into Excel, you can now choose a report to generate in Excel, provide parameter values when prompted and run the report to retrieve secured results performantly. The report can then be saved, and refreshed later to show recent data. The report can be shared with other Hub users without sharing the data.

Integrated data replication for Oracle Cloud Applications (SaaS only)

Using the Angles Hub interface, you can now replicate data from Oracle Cloud Applications to cloud targets like Snowflake or Microsoft Azure SQL DB.

Installing and Upgrading

For instructions on installing and configuring Magnitude Angles Hub 22.1 (7.2.1), see the *Magnitude Angles Hub Installation Guide*.

You can upgrade Magnitude Angles Hub 22.1 (7.2.1) from version 7.1 through the setup.

Make sure that your environment meets the system requirements for Magnitude Angles Hub 22.1 (7.2.1).

For assistance, contact [Magnitude Support](#) for help with installing Magnitude Angles Hub 22.1 (7.2.1).