



# **Aras OAuth Registry 32**

## **Installation Guide**

*Document #: D-009156*

*Last Modified: 8/23/2024*

# Copyright Information

Copyright © 2024 Aras Corporation. All Rights Reserved.

Aras Corporation  
100 Brickstone Square  
Suite 100  
Andover, MA 01810  
Phone: 978-691-8900

## Notice of Rights

Copyright © 2024 by Aras Corporation and/or its affiliates. All rights reserved.

This document is protected by U.S. and international copyright laws and conventions. No copyright may be obscured or removed from this document. This document may not be modified or altered, or reproduced or transmitted in any form, without the explicit permission of the copyright holder.

Aras Innovator, Aras, and the Aras Corp "A" logo are registered trademarks of Aras Corporation in the United States and other countries.

All other trademarks referenced herein are the property of their respective owners.

## Notice of Liability

THIS DOCUMENT IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY, AND THE CONTENTS HEREOF ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE INFORMATION CONTAINED IN THIS DOCUMENT IS DISTRIBUTED ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR A WARRANTY OF NON-INFRINGEMENT. ARAS SHALL HAVE NO LIABILITY TO ANY PERSON OR ENTITY WITH RESPECT TO ANY LOSS OR DAMAGE CAUSED OR ALLEGED TO BE CAUSED DIRECTLY OR INDIRECTLY BY THE INFORMATION CONTAINED IN THIS DOCUMENT OR BY THE SOFTWARE OR HARDWARE PRODUCTS DESCRIBED HEREIN.

# Table of Contents

<b>Send Us Your Comments .....</b>	<b>4</b>
<b>1 Introduction .....</b>	<b>5</b>
1.1 Purpose .....	5
1.2 Scope .....	5
1.3 Target Audience .....	5
<b>2 Prerequisites.....</b>	<b>6</b>
2.1 Checking for Eligibility .....	6
2.2 MongoDB Installation .....	6
<b>3 Installing Aras OAuth Registry .....</b>	<b>12</b>
3.1 Notification and Backup .....	12
3.2 Installing the Aras OAuth Registry application .....	13
3.2.1 <i>Automated Installation Option</i> .....	13
3.3 Confirming the Installation.....	17
<b>4 Post Installation.....</b>	<b>18</b>

## Send Us Your Comments

---

Aras Corporation welcomes your comments and suggestions on the quality and usefulness of this document. Your input is important in determining the information used for future revisions.

- Did you find any errors?
- Is the information presented?
- Do you need more information? If so, where and what level of detail?
- Are the examples correct? Do you need more examples?
- What features did you like most?

If you find any errors or have any other suggestions for improvement, indicate the document title and the chapter, section, and page number (if available).

You can send comments to us in the following ways:

**Email:**

[TechDocs@aras.com](mailto:TechDocs@aras.com)

Subject: Aras Product Documentation

Or,

**Postal service:**

Aras Corporation  
100 Brickstone Square  
Suite 100  
Andover, MA 01810  
Attention: Aras Technical Documentation

If you want a reply, provide your name, email address, and telephone number.

If you have usage issues with the software, visit <https://www.aras.com/support/>

# 1 Introduction

---

## 1.1 Purpose

This installation guide provides the necessary information for customers to install and set up the Aras OAuth Registry platform component.

## 1.2 Scope

This document provides information on software and hardware requirements, notification, backup, and installation steps for the Aras OAuth Registry platform component for Aras Innovator.

## 1.3 Target Audience

This Installation Guide is intended for Aras Innovator administrators.

## 2 Prerequisites

Before proceeding with the installation, please install MongoDB on the local machine.

To install the Aras OAuth Registry platform component, users need to confirm that the installation of the Aras Innovator meets the minimum requirements for running the Aras OAuth Registry.

### 2.1 Checking for Eligibility

The following steps outline the process to verify the code tree and database are eligible for installing the OAuth Registry application:

1. Log into **Aras Innovator** as an administrator.
2. From the **Table of Contents**, select **Administration** and click **Variables**.

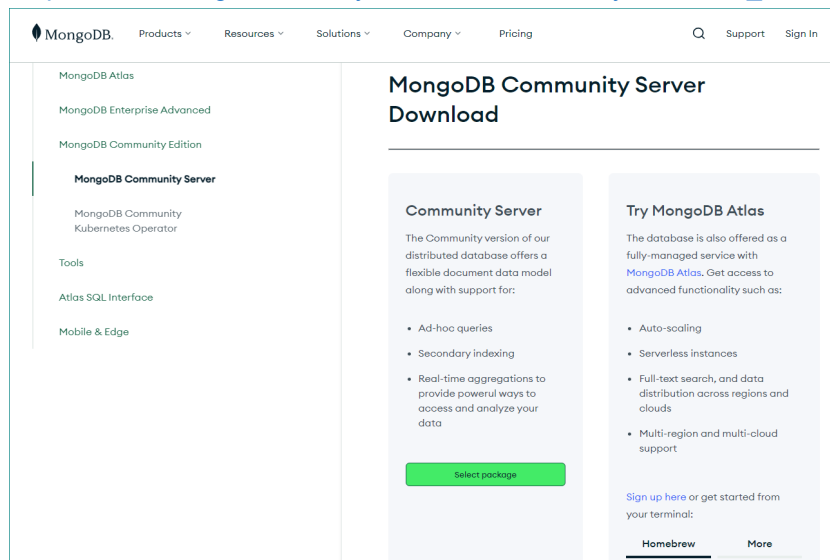
VersionMajor	VersionMinor	VersionServiceUpdate	VersionLabel
14	0	14.0.28	Release 32

If it does not meet the service pack requirements listed in the previous steps, contact Aras to discuss options.

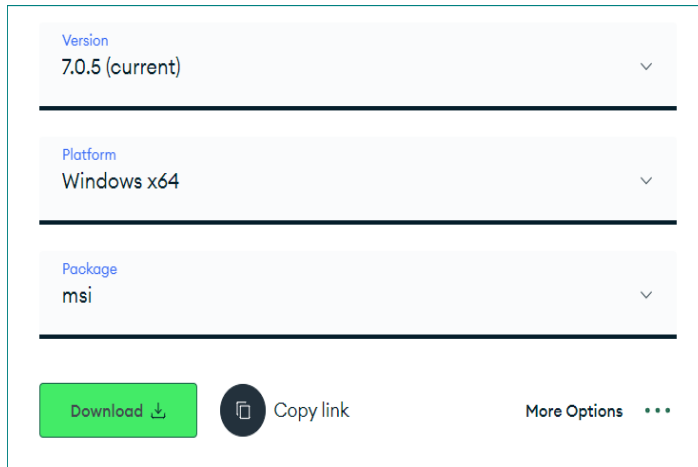
### 2.2 MongoDB Installation

The following steps outline the process to install MongoDB:

1. Navigate to the official MongoDB URL:  
[https://www.mongodb.com/try/download/community?tck=docs\\_server](https://www.mongodb.com/try/download/community?tck=docs_server).

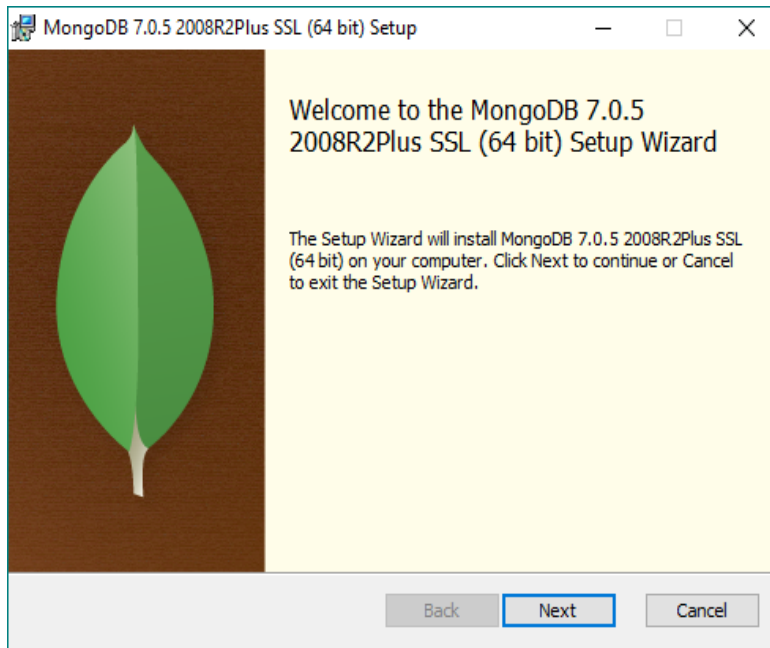


2. Select the **Current Version**, **Platform** and **msi package** and Click **Download**.



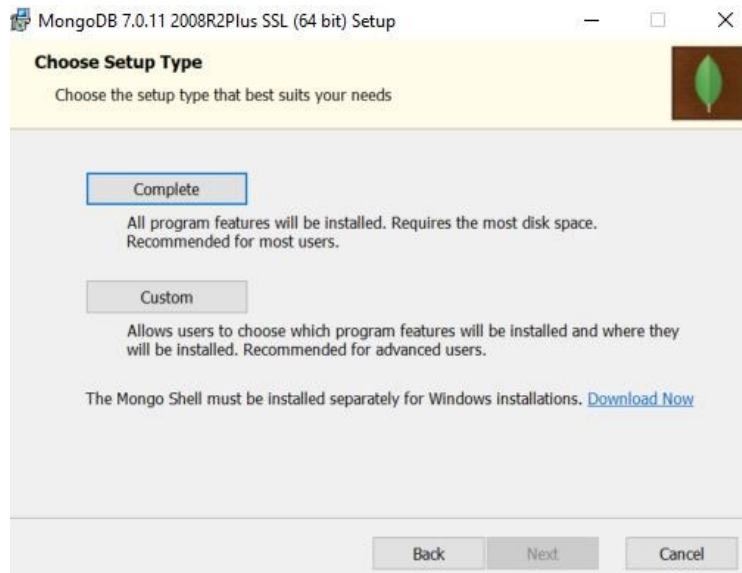
The MongoDB installer will be downloaded in the system.

3. Run the **MongoDB** installer which is installed in step 2.  
The MongoDB Setup Wizard appears as follows:

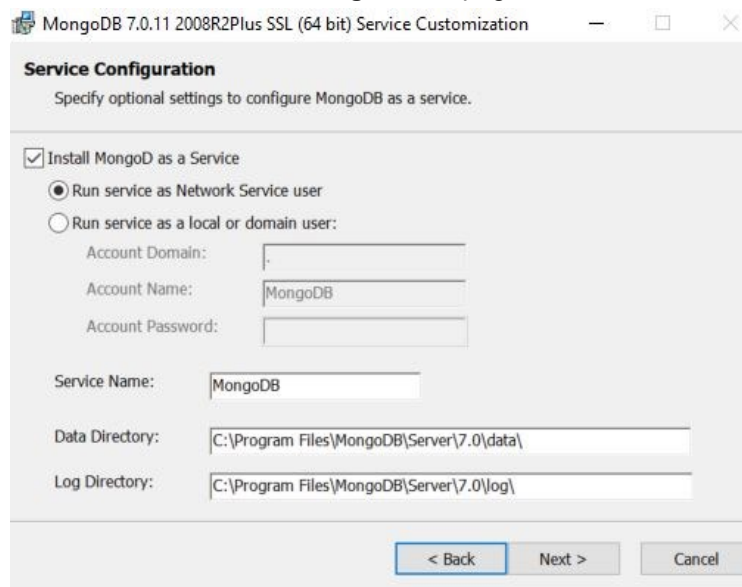


4. Click **Next**.
5. Accept the **Terms and Conditions** and click **Next**.

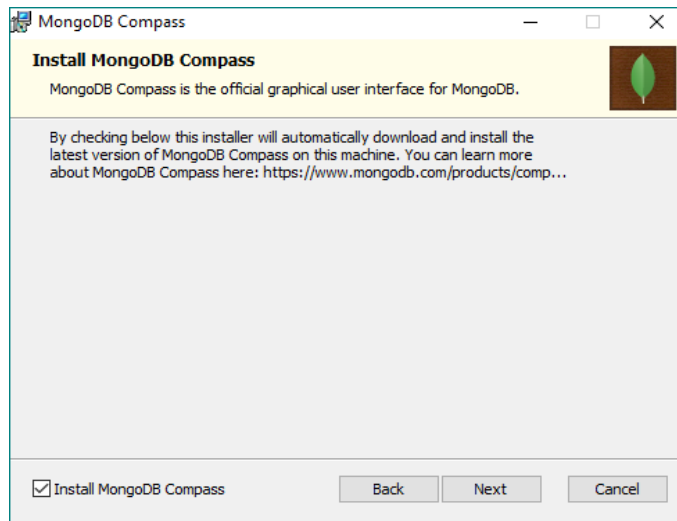
6. Select **Complete** setup type and click **Next**.



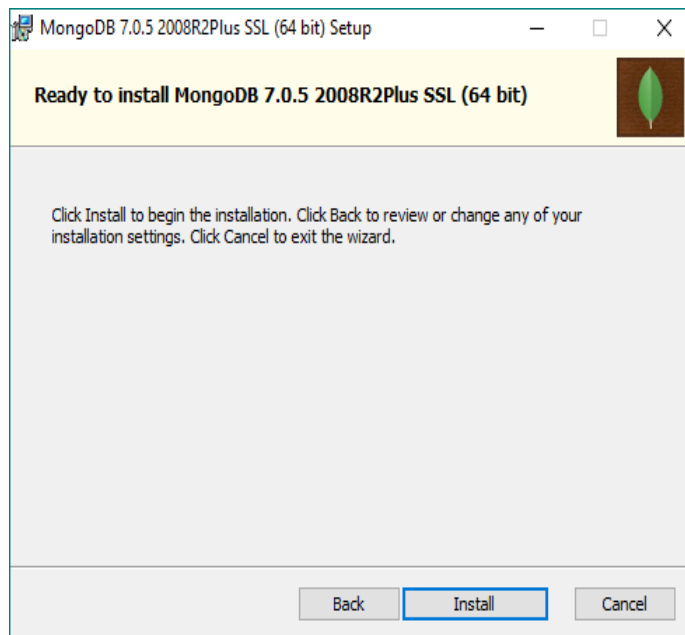
7. Click **Next** on **Service Configuration** page.



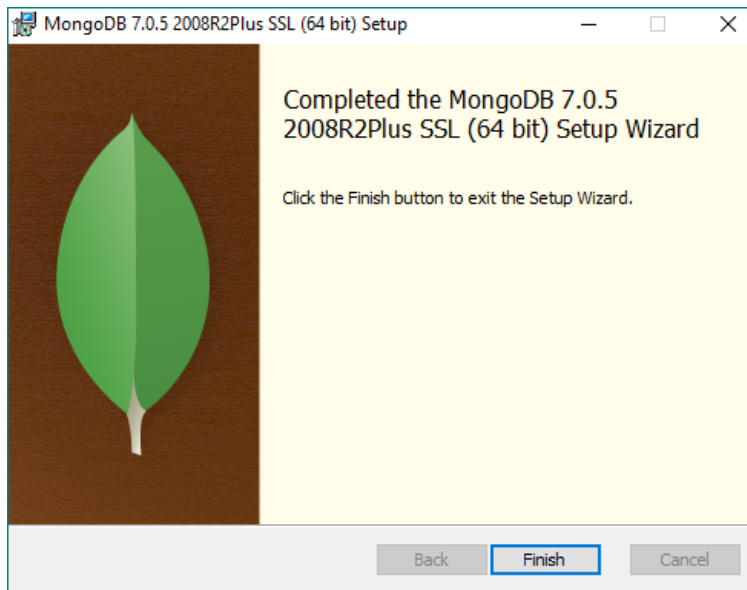
8. Click **Next** on **Install MongoDB Compass**.



9. Click **Install**.

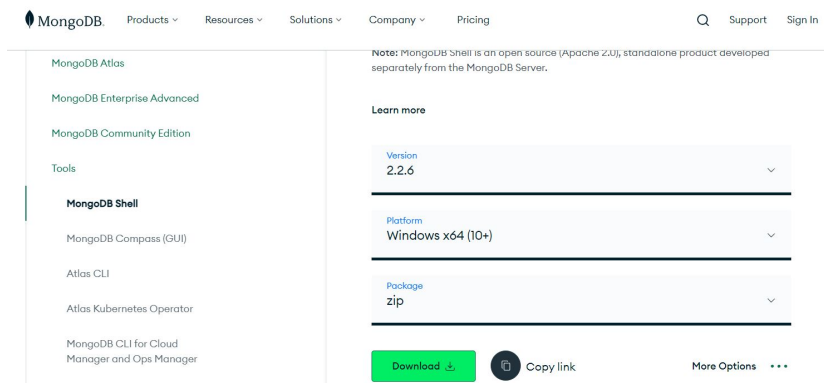


10. Click **Finish**.

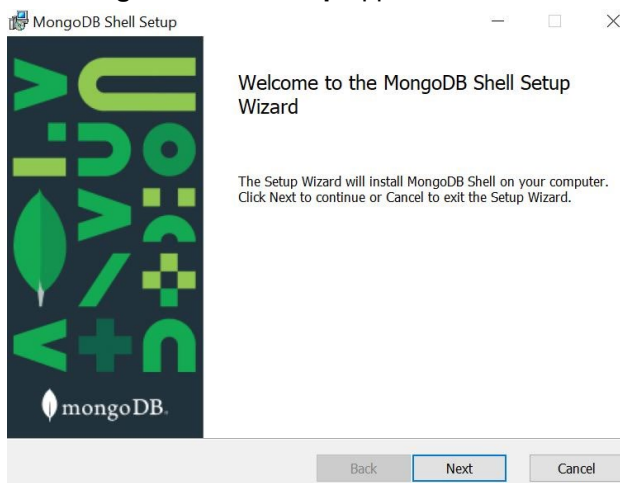


11. Navigate to the MongoDB Shell download page: <https://www.mongodb.com/try/download/shell>.

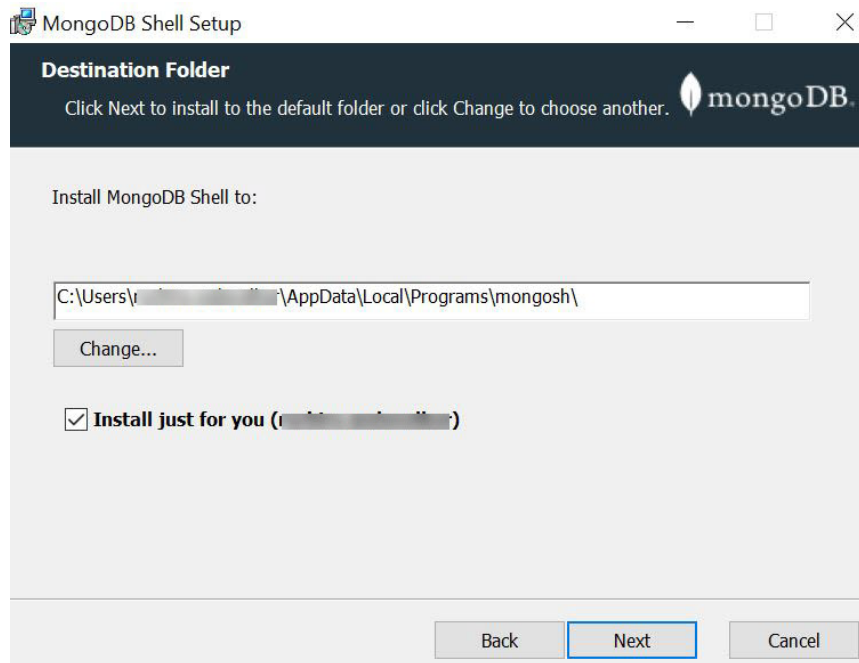
12. Select **Version**, **Platform** and **Package** and click **Download**.



The **MongoDB Shell Setup** appears:



13. Click **Next**.
14. Choose the **Destination** folder and click **Next**.



15. Click **Install**.  
The MongoDB should be installed in the system.

## 3 Installing Aras OAuth Registry

Aras OAuth Registry must modify the Aras Innovator database with the metadata required to run the application. Before applying these changes, verify the following requirements:

### Requirements:

- Aras Innovator Release 32
- Aras Update Tool 1.22+

### 3.1 Notification and Backup

1. Notify users that the system will be down at a scheduled time, and they should log out of the system before the start of the process.

**Note:** It is best to give at least 24 hours' notice and a reminder 15 minutes before the upgrade.

2. Back up the code tree.

The “Code Tree” refers to files and folders installed on the disk when Aras Innovator was first installed.

The default path for the Code Tree installation would be something like:

C:\Program Files (x86)\Aras\Innovator

With the following contents:

Name	Type	Size
AgentService	File folder	
ConversionServer	File folder	
DB	File folder	
Innovator	File folder	
OAuthServer	File folder	
SelfServiceReporting	File folder	
Tools	File folder	
VaultServer	File folder	
ConversionServerConfig	XML File	1 KB
InnovatorServerConfig	XML File	2 KB
SelfServiceReportConfig	XML File	1 KB
VaultServerConfig	XML File	1 KB

The following steps outline the process to confirm the installation folder:

- a. From the Windows search field, enter **Control** to access the **Control Panel**
- b. Select **Programs and Features**
- c. Right-click the **Name** column and select **More...**
  - i. Select the **Comments** header if it is not checked
  - ii. Click **OK**
- d. Search for the **Aras Innovator** entry in the **Programs and Features** window.
- e. View the value set in the **Comments** column for the Aras Innovator entry:

Organize ▾		Uninstall				
Name	Publisher	Installed On	Size	Version	Comments	
Aras Innovator	Aras Corporation	1/20/2022	1.09 GB	14.0.0	Installed to C:\Program Files (x86)\Aras\...	
Aras Innovator	Aras Corporation	4/12/2023	0.99 GB	14.0.17	Installed to C:\Aras\14.0.15\	
Aras Innovator	Aras Corporation	3/7/2022	899 MB	12.0.0	Installed to C:\Program Files (x86)\Aras\...	

After verifying the tree code installation path, back up the folder and all its contents.

3. Disconnect all users from the database.

The easiest way to prevent client sessions from committing any further changes to the database is to change the database connection string in the InnovatorServerConfig.xml from `<DB-Connection ... to <xDB-Connection` and restart the w3svc service (IIS). This expires all sessions and prevents all new connections to the Aras Innovator database through the existing instance.

4. Backup the database.
5. Place these files in a safe location, as they will be needed to restore if the process fails.
6. Enable database connections.

After the database backup has been completed, enable the database connection string in the InnovatorServerConfig.xml by changing it from `<xDB-Connection ... to <DB-Connection` and restarting the w3svc service (IIS).

## 3.2 Installing the Aras OAuth Registry application

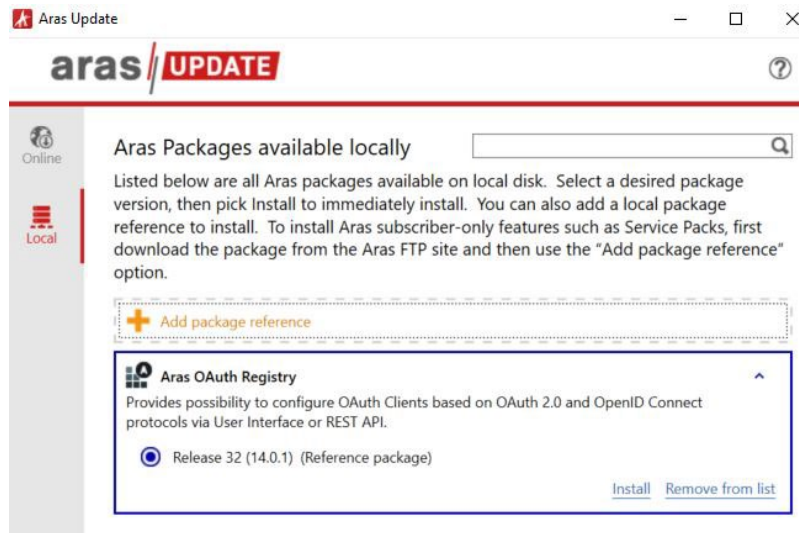
The Aras OAuth Registry application is installed using the Automated Installation option (using the Aras Update tool).

### 3.2.1 Automated Installation Option

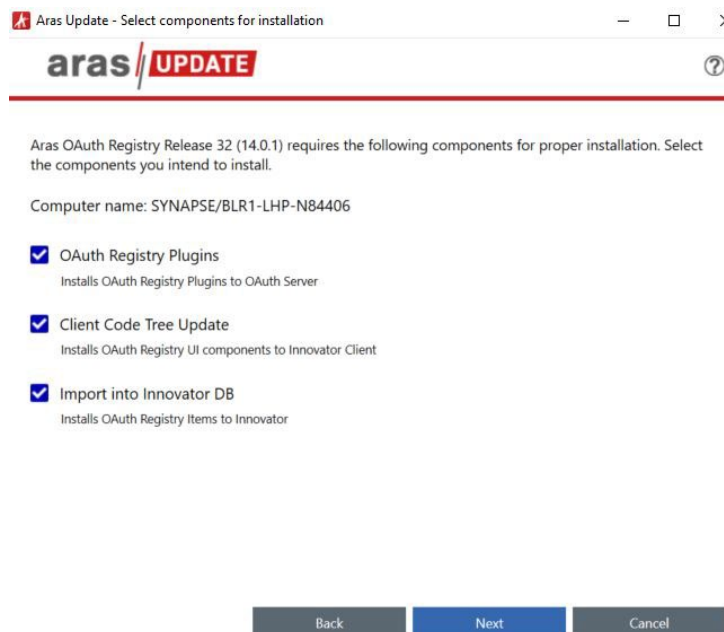
The following steps outline the process of Automated Installation of Aras OAuth Registry:

1. Copy and unzip the **Aras OAuth Registry CD** Image on the local computer.
2. Enable the **Super User** login.
3. Launch the **ArasUpdate.exe** file as administrator.
4. On a default installation, the ArasUpdate.exe file can be found in the C:\Program Files (x86)\Aras\Aras Update\ directory.

5. Locate and select the **Aras OAuth Registry** package.



6. Click **Install**.
7. Select the **OAuth Registry Plugins**, **Client Code Tree Update**, and **Import into Aras Innovator DB** components.

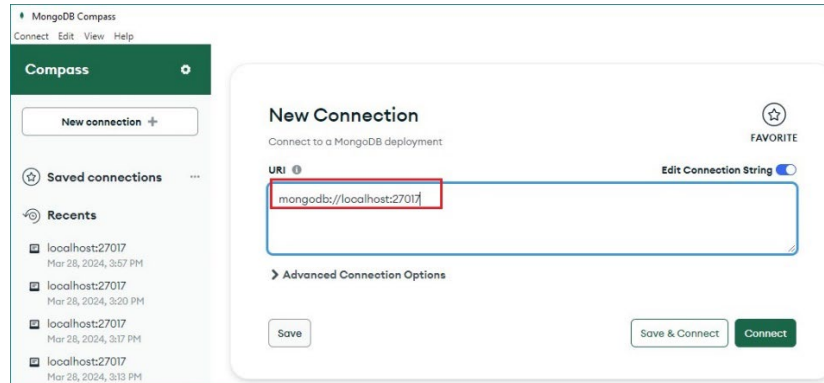


8. Click **Next**.
9. Select the appropriate logging option and click **Next**.  
The logging option records the installation attempt and can be used to troubleshoot issues.

10. Input the connection information and click **Next**.

**OAuth Registry directory:**

- **OAuth Server directory:** A physical path to the Aras OAuth Server folder located in the Aras Innovator installation package
- **MongoDB Connection String:** MongoDB Connection String URL present in the MongoDB compass.



- **MongoDB Database Name:** Enter MongoDB database name.

**Note:** The name of the database should not contain symbols (/, \, ", \*, <, >, :, |, ?, \$, &, etc.) or spaces. The length of the string should not be long.

**Client Code Tree Update:**

**Innovator Client Directory:** A physical path to the client folder located inside the installed Aras Innovator package

**Import into the Aras Innovator DB:**

- **Innovator URL:** The connection URL for Aras Innovator
- **Database Name of Innovator Instance:** Innovator database name.
- **Innovator Username:** admin
- **Innovator Password:** Password for “root” login (Default is “innovator”)

Aras Update

**aras UPDATE**

Enter the following parameters for each component you are going to install and then click Install button to continue.

✓ OAuth Registry Plugins

OAuth Server directory  
 

MongoDB Connection String

MongoDB Database Name

✓ Client Code Tree Update

Innovator Client directory  
 

✓ Import into Innovator DB

Innovator URL

Database name of Innovator instance

Innovator Username

Innovator Password

11. Select the appropriate languages to install and click **Install**.
12. After the import is complete, disable the Super User login.

### 3.3 Confirming the Installation

Use the following procedure to check if the database has been updated correctly:

1. Log in to Aras Innovator as an administrator.
2. From the **Table of Contents**, select **Administration** and click **Variables**.
3. Confirm the following sets of variables are listed:

OAuth Registry
14.0.1

If the installation fails at any time, revert to your backups and contact Aras Support at [support@aras.com](mailto:support@aras.com).

## 4 Post Installation

---

Reviewing the Aras OAuth Registry – Administration Guide after the installation is complete is recommended.