



# **Aras Reporting 28**

## **Installation Guide**

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# 1 Introduction

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## 1.1 Purpose

The Installation Guide describes how to install Aras Reporting 28 platform component.

## 1.2 Scope

The Installation Guide explains the installation process for installing Aras Reporting 28 for Aras Innovator and the optional Reporting Extension for Product Engineering. The installation involves updates to both the code tree and database.

## 1.3 Target Audience

This Installation Guide is intended for Aras Innovator administrators.

## 2 Prerequisites

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To install Aras Reporting 28, users need to confirm that the installation of Aras Innovator meets the minimum requirements to run Aras Reporting.

### 2.1 Checking for Eligibility

The following steps outline the process to verify the code tree and database are eligible for installing the Aras Reporting 28 platform component:

1. Log into **Aras Innovator** as an administrator.
2. Click the **User** icon in the top-right corner and select **About**.
3. Verify the build number is **474**.
4. From the **TOC**, select **Administration, Variables**.

VersionMajor	VersionMinor	VersionServiceUpdate	VersionLabel
14	0	18	Release 28

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

## 3 Installing Reporting

Aras Reporting 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 28
- Aras Update Tool 1.21+  
or
- Aras Innovator Package Import Export Utilities

### 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 prior to the start of the process.

**Note:** It is best to give at least 24-hour notice, as well as a reminder 15 minutes prior to the upgrade.

2. Backup the code tree.

The “Code Tree” refers to files and folders installed to 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 can be used to confirm the installation folder:

1. From the Windows search field, enter **Control** to access the **Control Panel**
2. Select **Programs and Features**
3. Right-click the **Name** column and select **More...**
  1. Select the Comments header if it is not checked
  2. Click OK
4. Search for the **Aras Innovator** entry in the **Programs and Features** window.
5. View the value set in the **Comments** column for the Aras Innovator entry:

Name	Publisher	Installed On	Size	Version
 Aras Innovator	Aras Corporation	7/21/2023	1.00 GB	14.0.18
 Aras Innovator	Aras Corporation	7/13/2023	922 MB	14.0.12
 Aras Innovator	Aras Corporation	7/13/2023	0.99 GB	14.0.15
 Aras Update	Aras Corporation	7/21/2023	7.42 MB	1.21.1327

After the tree code installation path has been verified, back up the folder and all its contents.

6. 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 session and prevents all new connections to the Aras Innovator database through the existing instance.
7. Backup the database.
8. Place these files in a safe location, as they will be needed to restore if the process fails.
9. 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).

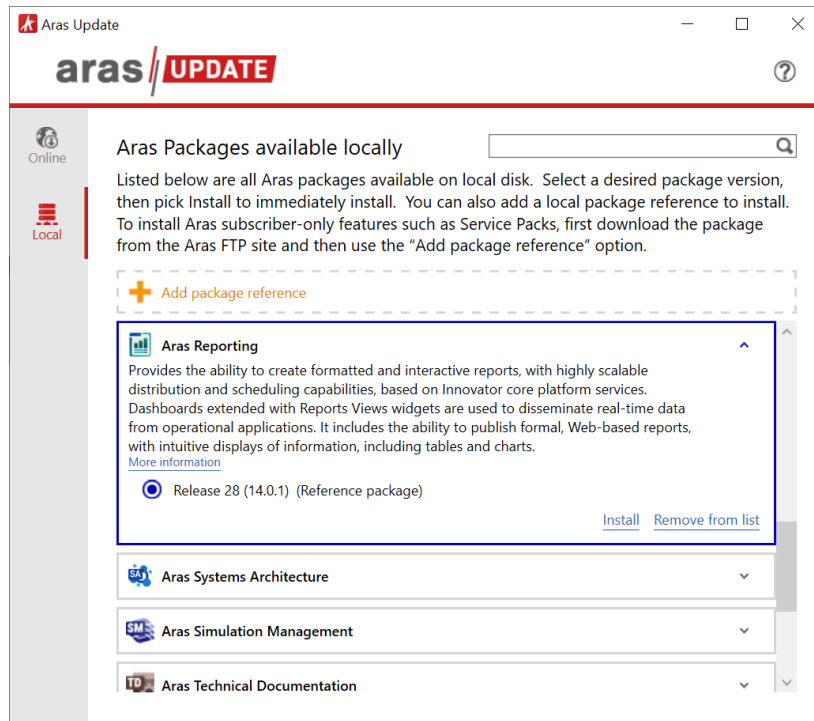
## 3.2 Installing the Aras Reporting Platform Component

The Aras Reporting application can be installed using either the Automated Installation option (using the Aras Update tool), or the Manual Installation option (using the Aras Import Tool).

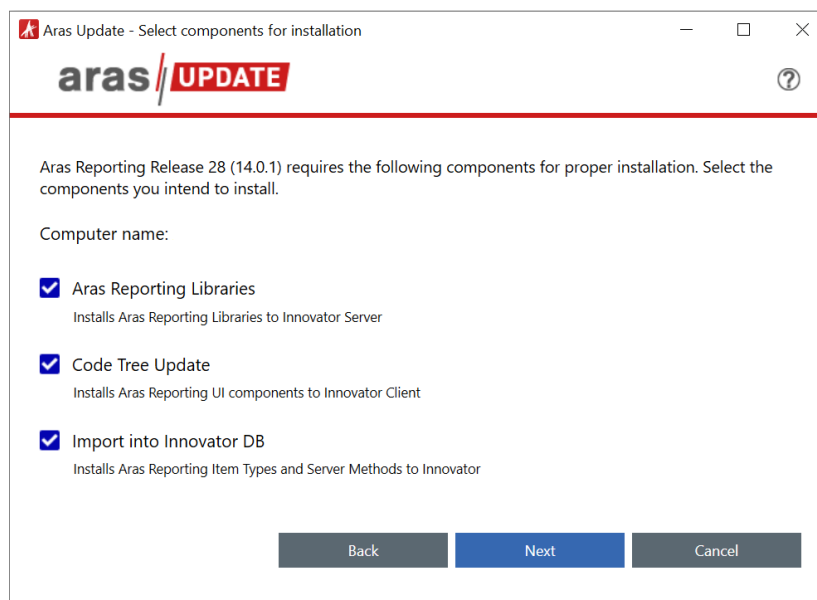
### 3.2.1 Automated Installation Option

1. Copy and unzip the Aras Reporting 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 Reporting** package.



6. Click **Install**.



7. Select the **Aras Innovator Code Tree Updates** and **Aras Innovator Database Updates** options.
8. Click **Next**.

9. Select the appropriate logging option and click **Next**.

The logging option is used to record the installation attempt and can be used to troubleshoot issues.

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

- **Server URL** = The connection URL for Aras Innovator
- **Database** = The target Aras Innovator database
- **Username** = root
- **Password** = Password for “root” login (Default is “innovator”)

Aras Update should import everything required for Aras Innovator Reporting.

The screenshot shows the 'Aras Update' window with the 'aras // UPDATE' logo. Below the logo, there is a red horizontal line. The main content area contains the following text: 'Enter the following parameters for each component you are going to install and then click Install button to continue.' Below this text, there are three expandable sections, each with a checkmark and an upward arrow:

- Aras Reporting Libraries**: Contains a 'Path to Innovator' field with the value 'C:\Aras\Innovator R28\Innovator' and a 'Browse...' button.
- Code Tree Update**: This section is currently collapsed.
- Import into Innovator DB**: Contains several fields:
  - 'Innovator URL' field with the value 'http://localhost/InnovatorR28'
  - 'Database name of Innovator instance' dropdown menu with 'Innovator R28' selected
  - 'Innovator Username' field with the value 'root'
  - 'Innovator Password' field with masked characters '.....'

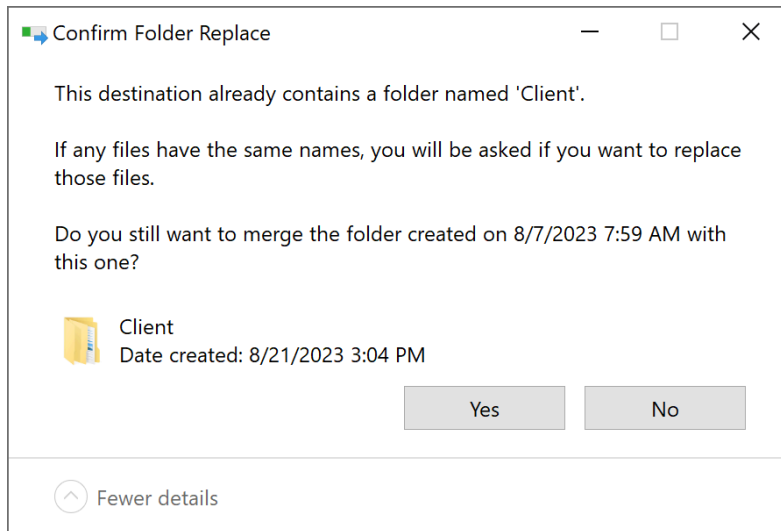
At the bottom of the window, there are three buttons: 'Back', 'Next', and 'Cancel'.

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

### 3.2.2 Manual Installation Option

1. Download the Aras Reporting CD image from the Aras FTP site, in the Aras Reporting Releases folder, and unzip the file on the local computer.
2. Copy the **\Innovator\Client** folder from the CD Image to your install directory, overwriting the existing **\Innovator\Client** folder and all its contents.

It is recommended that this step be performed by an administrator on the server.

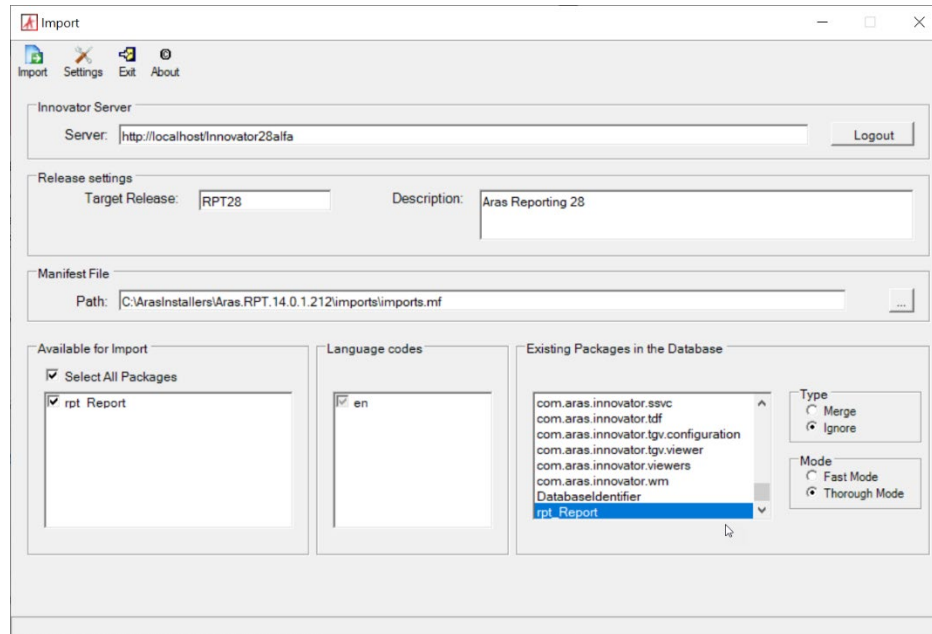


3. Contents of **\Innovator\Server\bin\** folder should be copied into **\Innovator\Server\bin\applications\rpt\** folder.

**Note:** Users will need to create **\applications\rpt\** part of the code tree structure because it does not exist in the default Innovator code tree.

4. Users will need to update the **\Innovator\Server\method-config.xml** file. The following line must be added inside **<ReferencedAssemblies>** tags:  
`<name>$(binpath)/applications/rpt/Aras.Reporting.dll</name>`

5. Import the Reporting database package with the Package Import Export Utilities (For more information using this tool, please see the *Aras Innovator - Package Import Export Utilities* documentation.)
  1. Users will need to enable the “Super User” login to perform this step.
  2. Browse to the \PackageImportExportUtilities\Import\ folder and run the Import.exe file.



3. Enter the following information:
  - **Server** = The connection URL for Aras Innovator
  - **Database** = The target Aras Innovator database (login screen)
  - **Username** = root (login screen)
  - **Password** = Password for “root” login (Default is “innovator”) (login screen)
  - **Target Release** = RPT27
  - **Description** = Aras Aras Reporting 28
  - **Manifest File Path** = The manifest is found in the unzipped patch folder in \Aras Aras Reporting 28 CD Image\imports\imports.mf
  - **Available for Import** = Check all packages
  - **Type** = Merge
  - **Mode** = Thorough Mode
4. Click the **Import** button.
5. 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 TOC, select **Administration** → **Variables**.
3. Confirm the following sets of variables are listed:

Reporting
14.0.1

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

## 4 Post Installation

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It is recommended that users review the *Aras Reporting 28 – Administration Guide* after the installation is complete.

For end-users, the *Aras Reporting 28 - User Guide* is available in the Documentation folder of the CD Image.