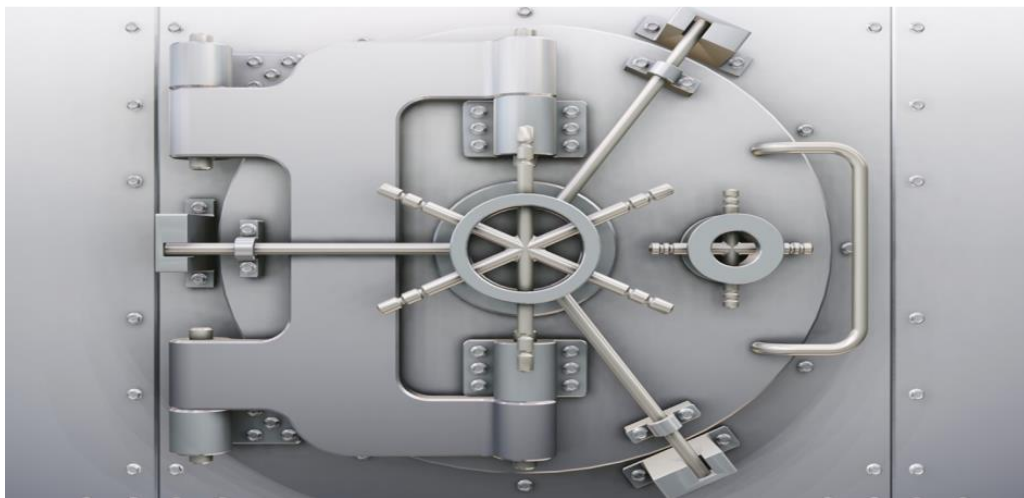


2021 PDM Professional Database Server Installation

TITLE:	2021 SOLIDWORKS PDM Professional Database Server Installation
DATE:	September 2020
SUBJECT:	Installation of 2021 SOLIDWORKS PDM Professional Database Server
ABSTRACT:	Comprehensive Installation guide of 2021 SOLIDWORKS PDM Professional Database Server



This guide is written for administrators of SolidWorks PDM Professional 2021. The goal of this guide is to detail the steps necessary for an administrator to successfully install the Database component of the PDM Professional server installation. The other components that are required for the PDM Professional server to function correctly are SQL and the Archive server. Please see the installation guides for those components for information about installing them.

The Database Server service (not to be confused with the SQL database) is a helper service responsible for, among other things, sending automatic notifications, and updating schedules in a replicated environment. In order to function correctly the Database Server service must be connected to the vault SQL database.

Hawk Ridge Systems highly recommends taking a moment before installing SOLIDWORKS and checking that you are ready to load your new software. First, ensure that your system meets minimum system requirements for the products you are installing.

This is not a troubleshooting guide. If you have any technical issues with SolidWorks, please contact [Hawk Ridge Systems technical support](#).

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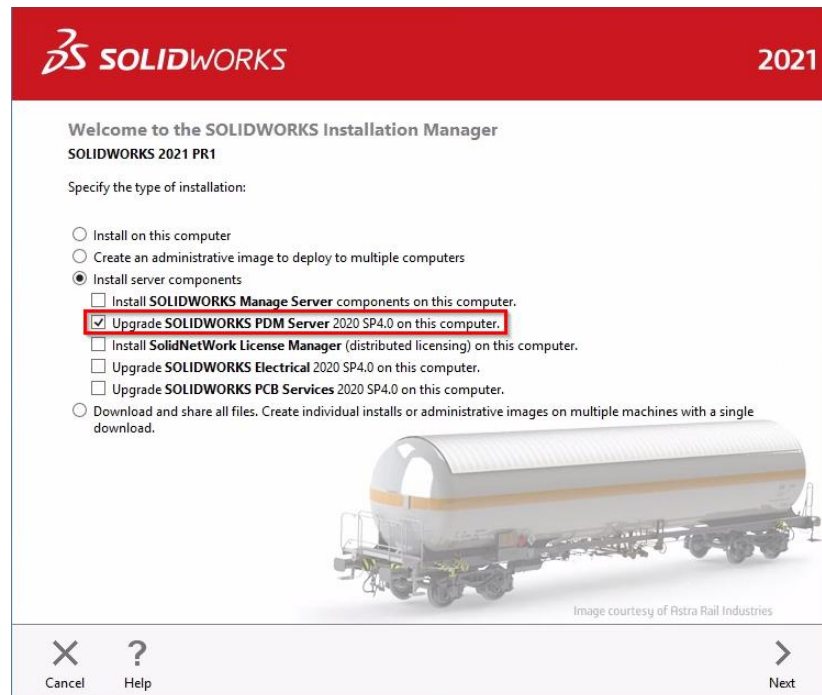
Before Installation

Before the PDM Professional Database Server component is installed, please ensure that the following are true:

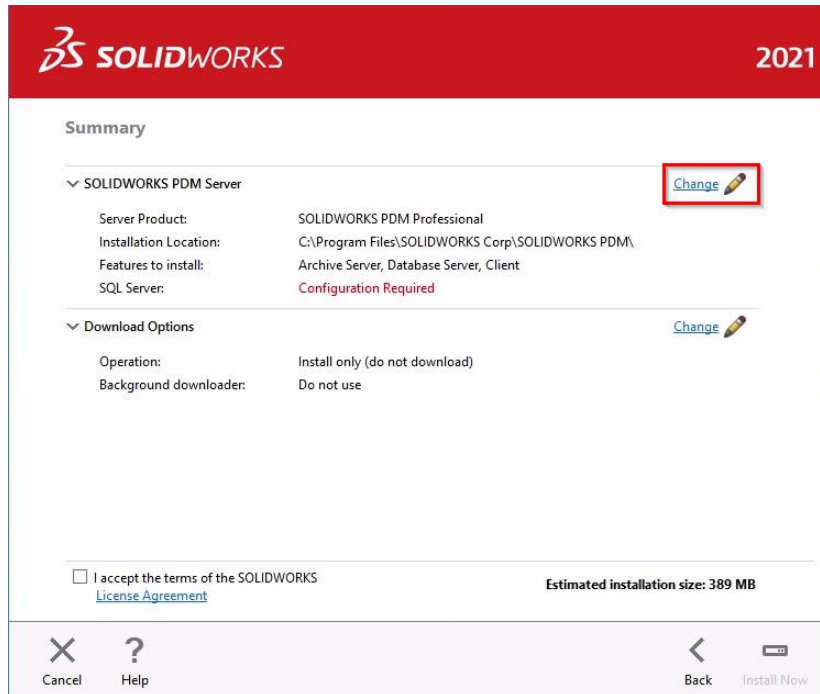
1. You have the password for the "sa" or another "sysadmin" account for your SQL instance if you plan to use an existing one.
2. Your Windows account has administrative permissions.

Installation of the Database Server

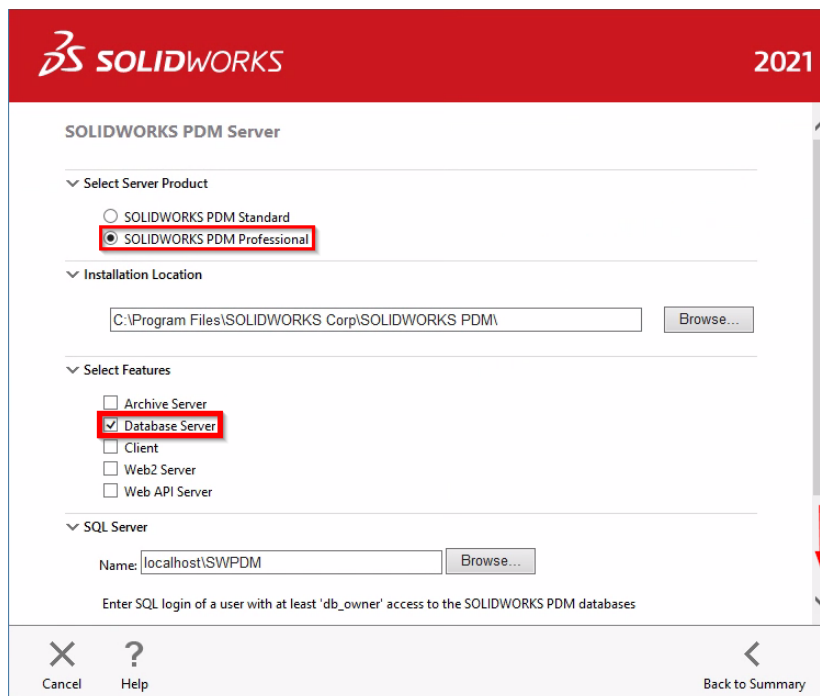
1. Insert and run the SOLIDWORKS Installation disc 1 or run the "Setup.exe" file inside your downloaded installation folder.
2. Select "Install server components" > "Install SOLIDWORKS PDM Server", and "Next".



3. Select "Change" next to "SOLIDWORKS PDM Server".



4. Select "SOLIDWORKS PDM Professional" (formerly Enterprise PDM), check "Database Server".
5. Note that you can also choose to install the Archive Server, Client, and/or Web components here if needed. Please see the guides for those products for more information.





6. Select your SQL install by pressing the browse button or manually typing in the instance location. The Browse button will list local instances and other instances broadcasting on port 1433
7. Enter in the SQL sa login credentials or an equivalent SQL DB Owner account in order to give the PDM Database Server the appropriate permissions to log into the database

SOLIDWORKS 2021

SOLIDWORKS PDM Professional

Installation Location: C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\

Select Features:
 Archive Server
 Database Server
 Client
 Web2 Server
 Web API Server

SQL Server:
Name: localhost:SWPDM
Login Name: sa
Password: [Redacted]

Tip: Download [Server Management Studio](#) to maintain and backup your database

Cancel Help Back to Summary

8. Select "Change" next to "Download Options" to verify that your download options are correct. Adjust these as needed and select "Back to Summary".

SOLIDWORKS 2021

Download Options

What do you want to do?

Download and install
 Download only
 Install only, I already have all the installation files needed.
C:\Users\Paperspace\Documents\SOLIDWORKS Downloads

Where do you want to download the required files?
C:\Users\Papers...KS Downloads\SOLIDWORKS 2021 Pre Release 1

Estimated download size: 0 (0 total disk space needed)

Additional options:
 Use the background downloader for future service packs
 Conduct manual download - Use this option if you have trouble downloading automatically.

Cancel Help Back to Summary



9. Accept the terms of the SOLIDWORKS License Agreement and select "Install Now", or "Download and Install", depending on your selection in "Download Options".

The screenshot shows the 'Summary' page of the SOLIDWORKS 2021 installation wizard. The interface is divided into two main sections: 'SOLIDWORKS PDM Server' and 'Download Options'. Each section has a 'Change' link with a pencil icon. At the bottom, there is a checkbox for accepting the license agreement, a link to the 'License Agreement', and the estimated installation and download sizes. The bottom navigation bar includes 'Cancel', 'Help', 'Back', and 'Download and Install' buttons.

SOLIDWORKS PDM Server		Change
Server Product:	SOLIDWORKS PDM Professional	
Installation Location:	C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\	
Features to install:	Database Server	
SQL Server:	localhost\SWPDM	

Download Options		Change
Operation:	Download and install	
Download to:	C:\Users\Paperspace\Documents\SOLIDWORKS Downloads	
Download method:	Automatic download	
Background downloader:	Do not use	

I accept the terms of the SOLIDWORKS [License Agreement](#)

Estimated installation size: 0 KB
Estimated download size: 762 MB

Cancel Help Back Download and Install

10. If the installation prompts a restart of the computer, that should be followed accordingly. After this is finished, the database server installation should be complete.