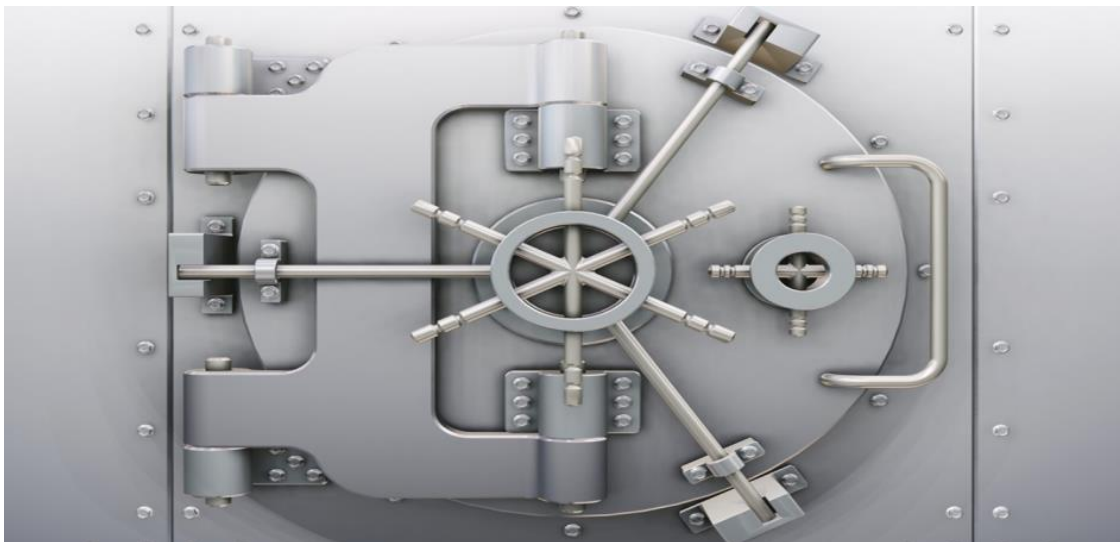


2020 PDM Professional Database Server Installation

TITLE:	2020 SOLIDWORKS PDM Professional Database Server Installation
DATE:	September 2019
SUBJECT:	Installation of 2020 SOLIDWORKS PDM Professional Database Server
ABSTRACT:	Comprehensive Installation guide of 2020 SOLIDWORKS PDM Professional Database Server



This guide is written for administrators of SolidWorks PDM Professional 2020. 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 software connects PDM Professional to our SQL instance. It manages and passes meta data that we store in PDM to our SQL database for the vault. In order to function correctly the Database Server must be connected to a PDM Archive Server.

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 computer meets minimum system requirements and that your video card passes certification checks. Also, confirm that the hard drive has enough space to have at least 15% free space after the full installation. Back-up data such as any shared Toolbox library, Design Library, Template files, or a data management vault. As always, verify workmates, customers, or vendors are all on the same version of SOLIDWORKS. Older versions of SOLIDWORKS cannot open files from newer versions.

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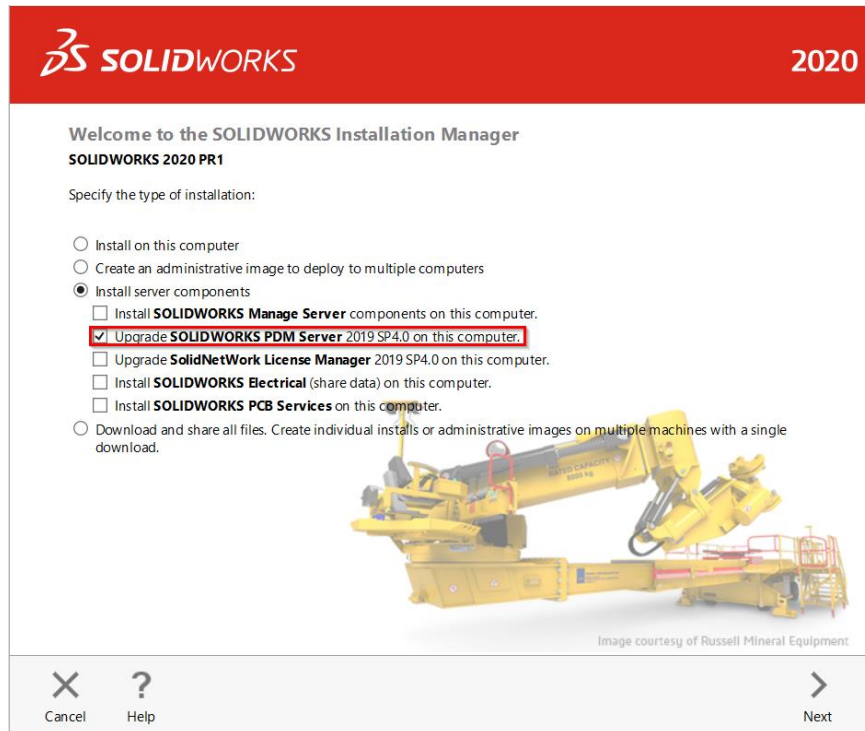
Before Installation

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

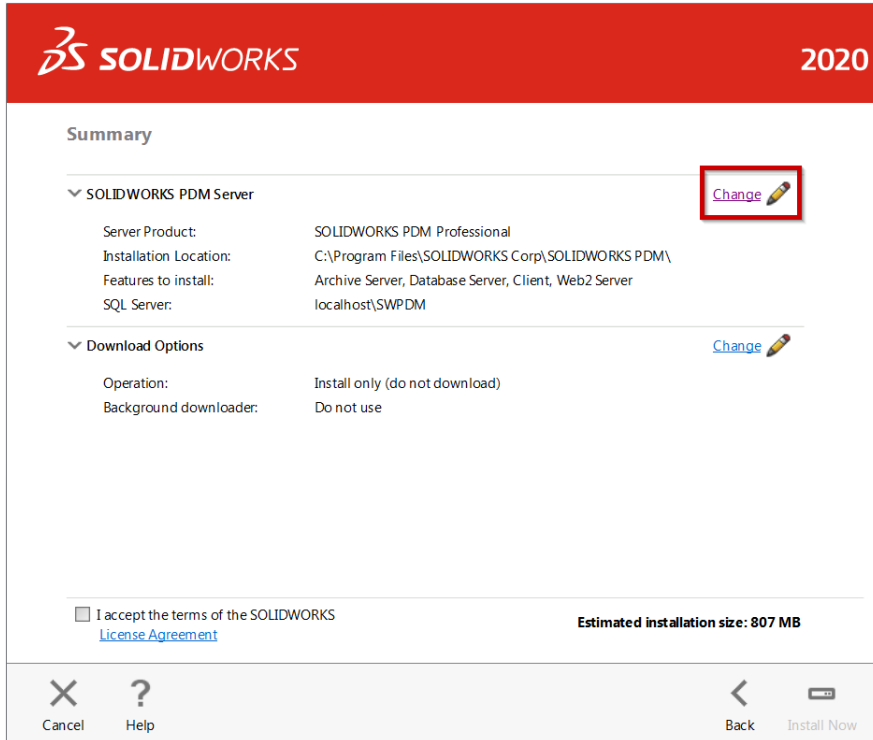
1. You have the password for the "sa" or another "sysadmin" account for your SQL instance if you plan to use an existing one.
2. Your Windows account has administrative permissions.

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 "Server Products" > Install SOLIDWORKS PDM Server, and "Next".




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




SOLIDWORKS 2020

Summary

SOLIDWORKS PDM Server Change 

Server Product: SOLIDWORKS PDM Professional
 Installation Location: C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\
 Features to install: Archive Server, Database Server, Client, Web2 Server
 SQL Server: localhost\SWPDM

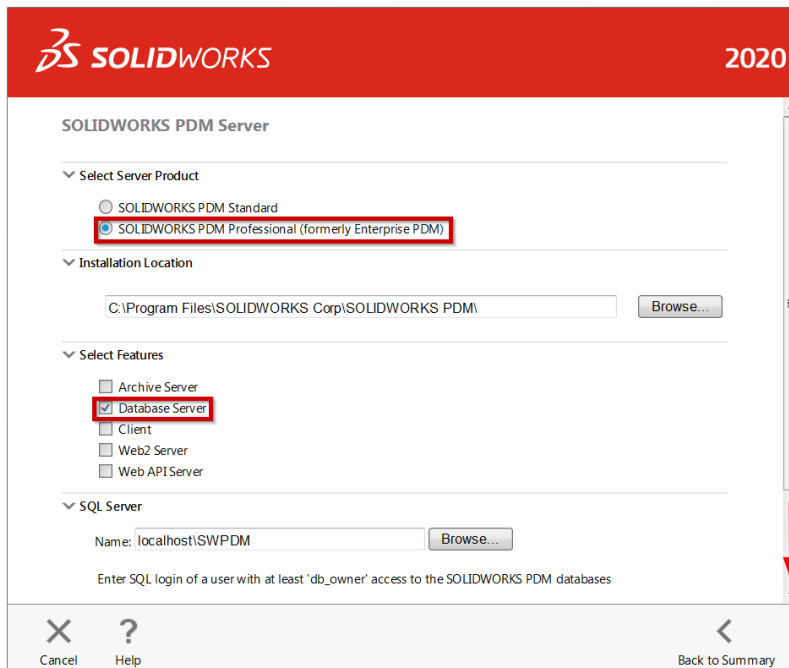
Download Options Change 

Operation: Install only (do not download)
 Background downloader: Do not use

I accept the terms of the SOLIDWORKS [License Agreement](#) **Estimated installation size: 807 MB**

Cancel Help Back Install Now

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.



SOLIDWORKS 2020

SOLIDWORKS PDM Server

SOLIDWORKS PDM Professional (formerly Enterprise PDM)

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

Database Server

SQL Server: localhost\SWPDM Browse...
 Enter SQL login of a user with at least 'db_owner' access to the SOLIDWORKS PDM databases

Cancel Help Back to Summary



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 2020

SOLIDWORKS PDM Professional (formerly Enterprise PDM)

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

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

SQL Server
Name: localhost\SWPDM Browse...
Enter SQL login of a user with at least 'db_owner' access to the SOLIDWORKS PDM databases
Login Name: sa
Password:
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 2020

Download Options
Downloads are disabled. All installation files for the selected products must be available in the selected folder.

Download and install
 Download only
 Install only, I already have all the installation files needed.
C:\Users\raymonds.HRS\Downloads Browse...

Additional options:
 Use the background downloader for future service packs ⓘ

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 2020 installation wizard. The top bar is red with the SOLIDWORKS logo and the year '2020'. Below the title bar, there are two expandable sections: 'SOLIDWORKS PDM Server' and 'Download Options'. Each section has a 'Change' link with a pencil icon. The 'SOLIDWORKS PDM Server' section lists: Server Product: SOLIDWORKS PDM Professional; Installation Location: C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\; Features to install: Archive Server, Database Server, Client, Web2 Server; SQL Server: localhost\SWPDM. The 'Download Options' section lists: Operation: Install only (do not download); Background downloader: Do not use. At the bottom, there is a checkbox for 'I accept the terms of the SOLIDWORKS License Agreement' with a link to the 'License Agreement'. To the right of this checkbox, it says 'Estimated installation size: 807 MB'. The bottom navigation bar contains icons for Cancel, Help, Back, and Install Now.

Summary	
SOLIDWORKS PDM Server Change	
Server Product:	SOLIDWORKS PDM Professional
Installation Location:	C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\
Features to install:	Archive Server, Database Server, Client, Web2 Server
SQL Server:	localhost\SWPDM
Download Options Change	
Operation:	Install only (do not download)
Background downloader:	Do not use

I accept the terms of the SOLIDWORKS [License Agreement](#) **Estimated installation size: 807 MB**

Cancel Help Back Install Now

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.