How To Install PDM Standard Server

TITLE:	How To Install PDM Standard Server
DATE:	September 2024
SUBJECT:	PDM Standard Server installation
ABSTRACT:	Comprehensive guide on installing the SOLIDWORKS PDM Server

This guide is written for administrators of SolidWorks PDM Standard. The goal of this guide is to detail the steps necessary for an administrator to successfully install the server components of the PDM Standard installation. Please see the installation guide for the PDM Client for information about installing that component.

SOLIDWORKS PDM Standard is used to securely store and manage files. The server components of PDM Standard run as services and are supported on Windows Server 2019 and 2022. The Database server component is supported with Microsoft SQL Server 2019 and 2022.

This is not a troubleshooting guide. If you have any technical issues with SolidWorks, please search the Hawk Ridge Systems Help Center, or contact Hawk Ridge Systems technical support.

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Before Installation

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 the minimum system requirements for the products you are installing.

Below are the primary operating system and software requirements for SOLIDWORKS PDM server components.

	SOLIDWORKS 2023	SOLIDWORKS 2024	SOLIDWORKS 2025
Windows Server 2022	✓	✓	✓
Windows Server 2019	✓	✓	✓ (End of Life: SW 2025)
Windows Server 2016	✓	✗	✗

	SOLIDWORKS 2023	SOLIDWORKS 2024	SOLIDWORKS 2025
MS SQL			
SQL 2022	✓ (SW2023 SP2)	✓	✓
SQL 2019	✓ SQL 2019 CU4 required	✓ SQL 2019 CU4 required	✓ SQL 2019 CU4 required (End of Life: SW 2026)
SQL 2017	✓	✓	✗
SQL 2016	✓	✗	✗

Below are the basic hardware requirements for a SOLIDWORKS PDM server.

	SOLIDWORKS 2023	SOLIDWORKS 2024	SOLIDWORKS 2025
Hardware			
Processor	x86_64 (Intel 64 or AMD64)		
RAM	16 GB or more PDM Contributor/Viewer or Electrical Schematic: 8 GB or more		
Graphics / GPU	Certified cards and drivers		
Drives	SSD drives recommended for optimal performance		

SOLIDWORKS also supports a small number of virtual environments for the PDM Server components.

	SOLIDWORKS 2023	SOLIDWORKS 2024	SOLIDWORKS 2025
Hypervisors (Virtual Environments)			
VMware vSphere ESXi	7.0 U3f	8.0.1 U1	To be announced
VMware Workstation	16.2.4	17.0.2	To be announced
Microsoft Hyper-V	2022	2022	To be announced
Parallels Desktop, Mac	17.1.2	18.3.2	To be announced
Citrix XenServer	8.2 LTSR	To be announced	To be announced

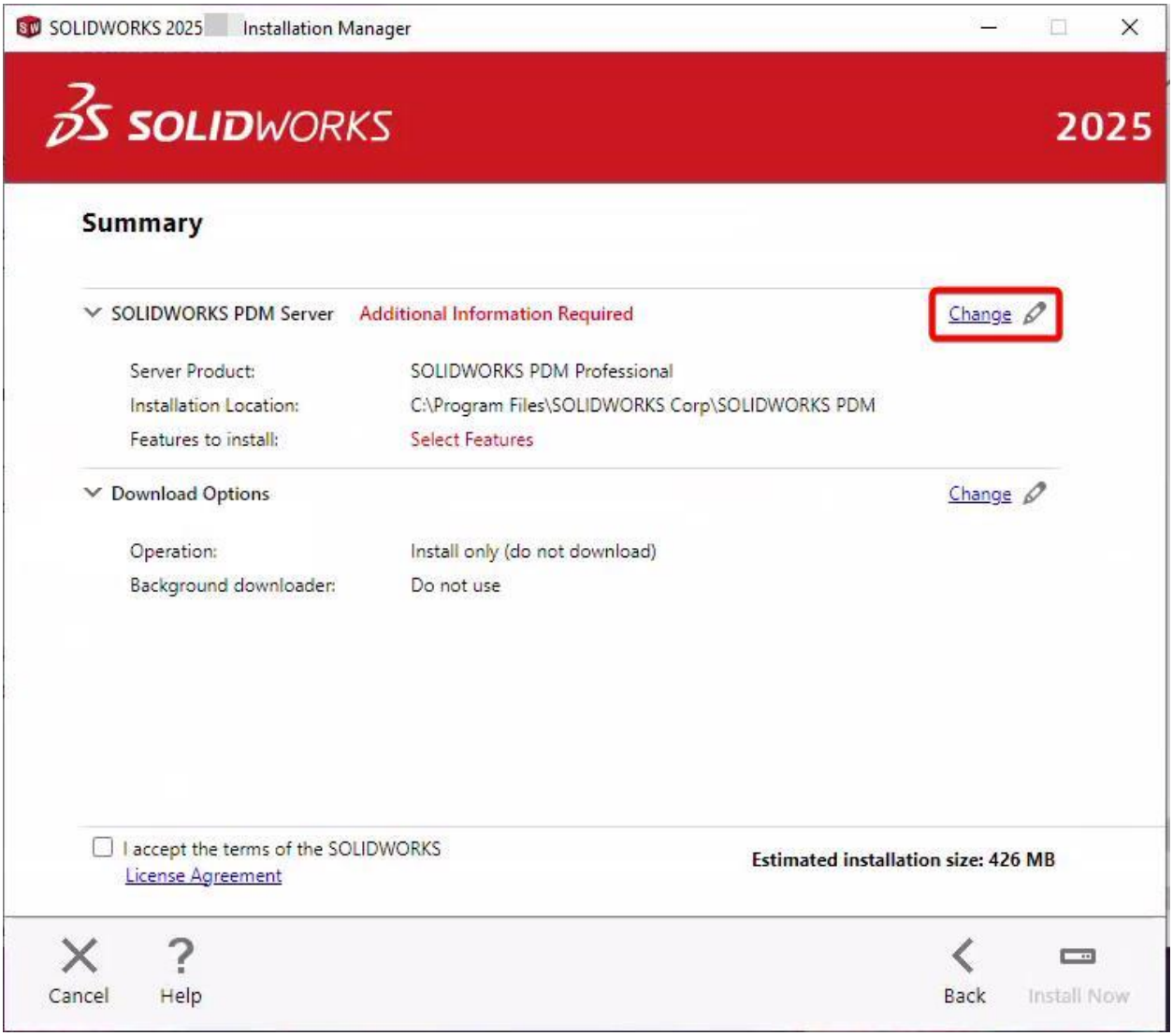
Installation of PDM Standard Server Components

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."

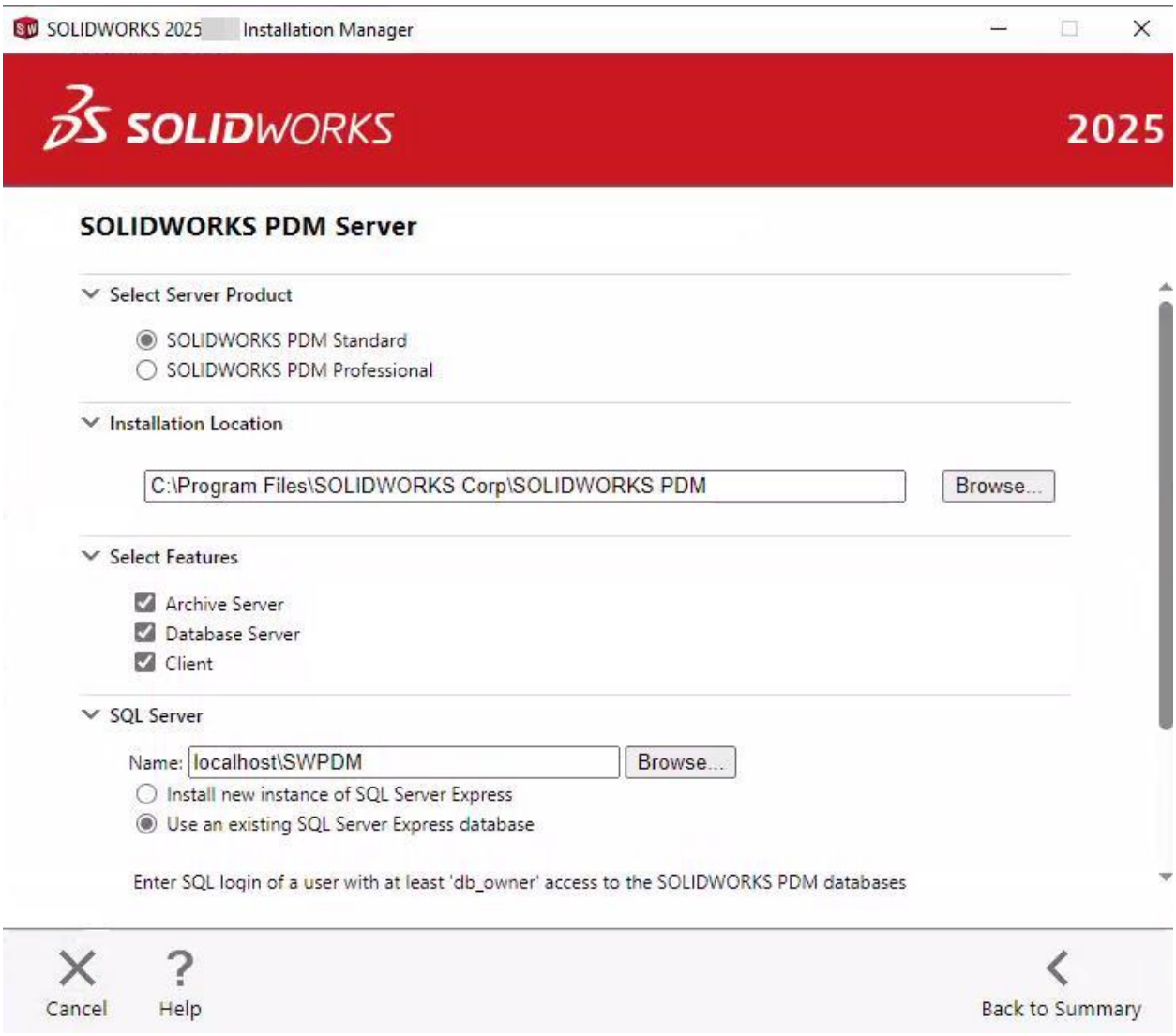
3. If you had selected to install the SolidNetwork License Manager on the previous page, please enter your PDM serial number in the appropriate field and press "Next."

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

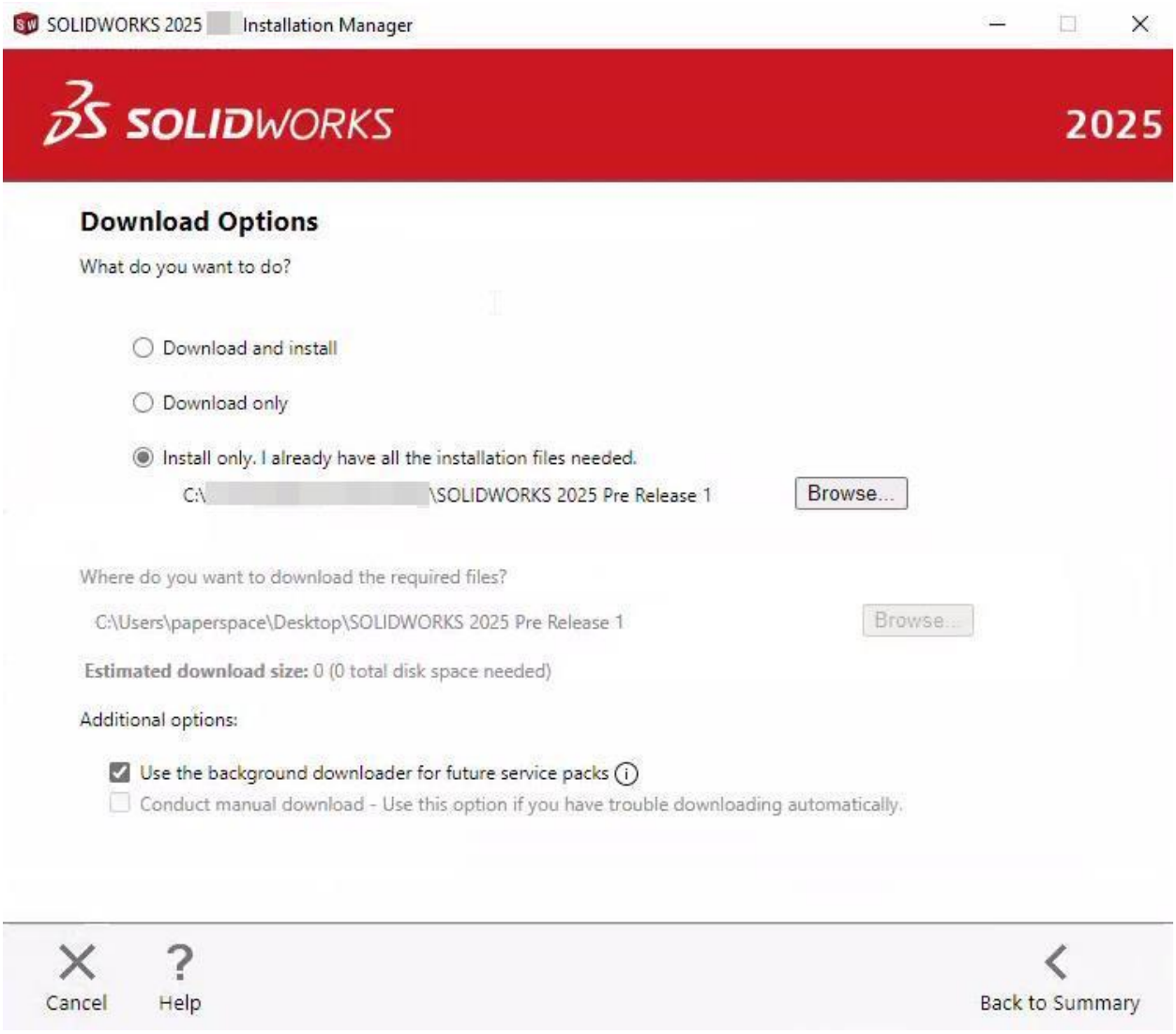


5. Select "SOLIDWORKS PDM Standard," check both "Archive Server" and "Database Server," input your SQL server login information to either use an existing instance or create a new one, and then select "Back to Summary." We recommend that you download and install MS SQL Management Tools when installing a new instance.

   Note: You can also choose to install the Client component here if needed. Please see the guide for that product for more information.



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



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

8. If the installation prompts a restart of the computer, this should be followed accordingly. After this is finished, the PDM Standard server installation is complete.