

Sitecore Developer Foundations

Setup Guide

Complete the steps in this guide prior to starting the course.





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Patent Notice

Sitecore CMS software is patented, U.S. Patent No. 7,856,345.

Introduction

Welcome to the Sitecore Developer Foundations eLearning! You will need a Sitecore environment to complete labs for this course. This guide walks you through installing a Sitecore instance as well as setting up a Sitecore package containing content for the training website.

To be successful in the course, you must complete all of the instructions in this Setup Guide prior to starting the eLearning.

Sitecore Experience Platform (XP) Requirements

Hardware Requirements

Minimum configuration requirement:

- 4 core processor (4 threads)
- 8GB of RAM

Recommended configuration:

- 4 core processor (8 threads)
- 16GB of RAM

Software Requirements

- Sitecore XP can be hosted on the following Microsoft operating systems:
 - Windows Server 2012 R2 (64-bit)
 - Windows Server 2012 (64-bit)
 - Windows Server 2008 R2 (64-bit) SP1+
 - Windows Server 2008 (32/64-bit) SP2+
 - Windows 10 (64-bit)
 - Windows 8.1 (32/64-bit)
 - Windows 8 (32/64-bit)
 - Windows 7 (32/64-bit, Home Premium and higher) SP1+
- IIS 7.0 or higher

NOTE: You must use the version of IIS that is supported by your operating system. For more information about IIS and operating systems, see Microsoft's documentation.

Sitecore XP does not officially support any other ASP.NET web servers such as IIS Express, or Mono Web.

- .NET Framework 4.5
- SQL Server 2008 R2 SP1 or higher

NOTE: You will need to know your **sa** password. This installation uses integrated authentication.

- MongoDB Database 2.6 mmapv1, 3.0 mmapv1 or 3.0 Wired Tiger (for Sitecore xDB)
- Browsers: IE 9+, Mozilla Firefox 17+, Google Chrome 25+
- Sliverlight

NOTE: Microsoft Silverlight is only used by some Sitecore applications. Chome 42+ does not support Silverlight anymore so use IE, Firefox or another browser instead to access these applications.

- Sitecore Instance Manger (Latest version)

Install Sitecore XP

Install MongoDB

MongoDB is needed for Sitecore analytics data.

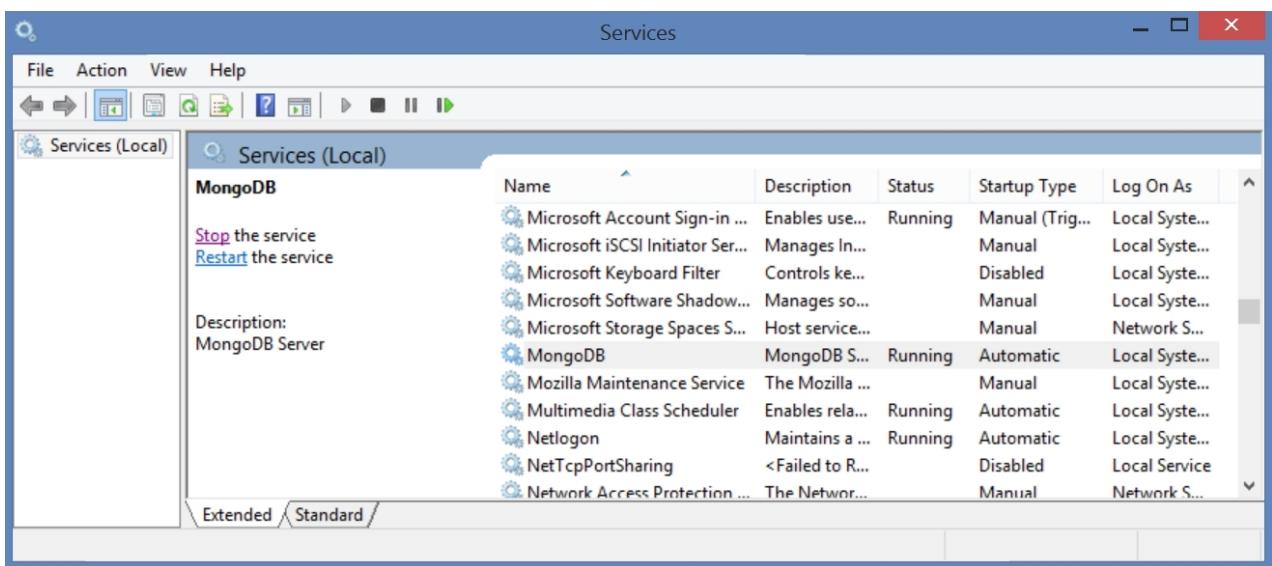
To install MongoDB:

1. Download MongoDB from <https://www.mongodb.com>.
2. Run the Mongo installer that you downloaded from step 1.
3. Choose the **Custom install** setting and decide on the installation folder.
4. Click **Next** until you finish the installation.

Set up MongoDB as a Windows Service

If MongoDB has installed successfully, the next step is to register it as a Windows Service.

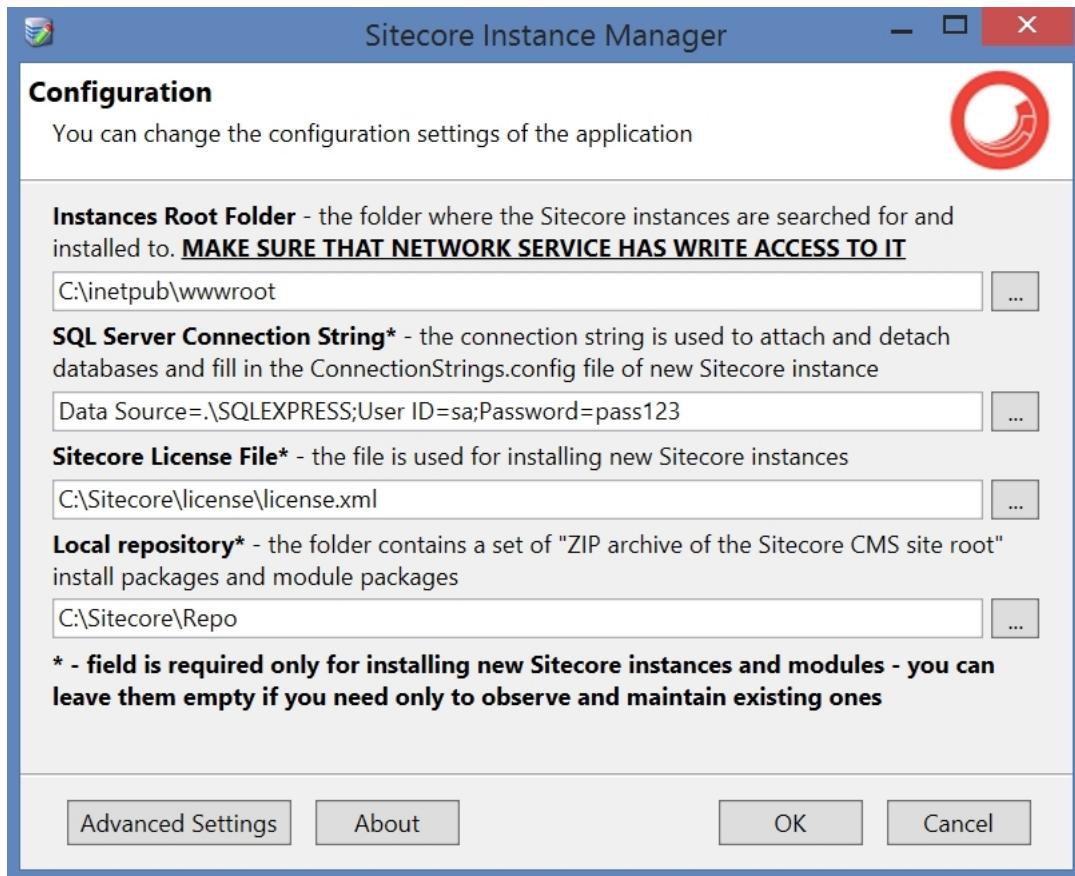
1. Follow the steps in this link <https://docs.mongodb.com/manual/tutorial/install-mongodb-on-windows/#configure-a-windows-service-for-mongodb-community-edition..>. Scroll down to the section - *Configure a Windows Service for MongoDB Community Edition*.
2. If you have successfully registered Mongo as service, do a Windows search for *services*. Choose the *View local services* option.
3. In the Service window, find *MongoDB*.
4. Check the status column of the service and confirm it is running. If not, try to start the service by clicking the top-left Start the Service.



Install and configure Sitecore Instance Manager

1. Navigate to the Sitecore Marketplace. https://marketplace.sitecore.net/en/Modules/S/Sitecore_Instance_Manager.aspx
2. Click the **Download** button. After agreeing to the Terms and Conditions, in the Download column, click the **Link** command.
3. Click the **Install and Launch** command to start the installation. Internet Explorer will begin the installation directly, other browsers may download a file that you'll need to click to start the installer.

4. After the installer completes launch SIM if it does not automatically start
5. Configure SIM:
 - Instances Root folder - Choose a parent directory path for all Sitecore instances, for example C:\inetpub\wwwroot
 - SQL Server Connection String - the connection string format:
Data Source=[Server Name];User ID=[Username];Password=[Password]
 - Sitecore License File*- Choose a directory to put the license file in. So any other instances you install via SIM will copy the license file from that directory to your instance data folder.
 - Local repository - Put your downloaded Sitecore zip and module packages in this folder.



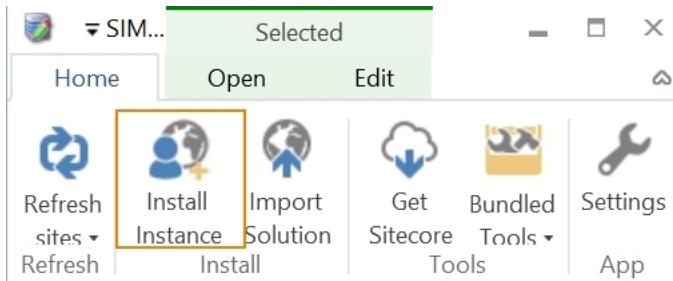
Set up Sitecore XP

Download Sitecore

1. On the course curriculum page, use the link to download the Sitecore Installer (Sitecore 8.2 rev. 160729).
2. Place the file in your SIM Repository folder defined in Step 5 above.

Install Sitecore

1. On the Home tab, click **Install Instance**.



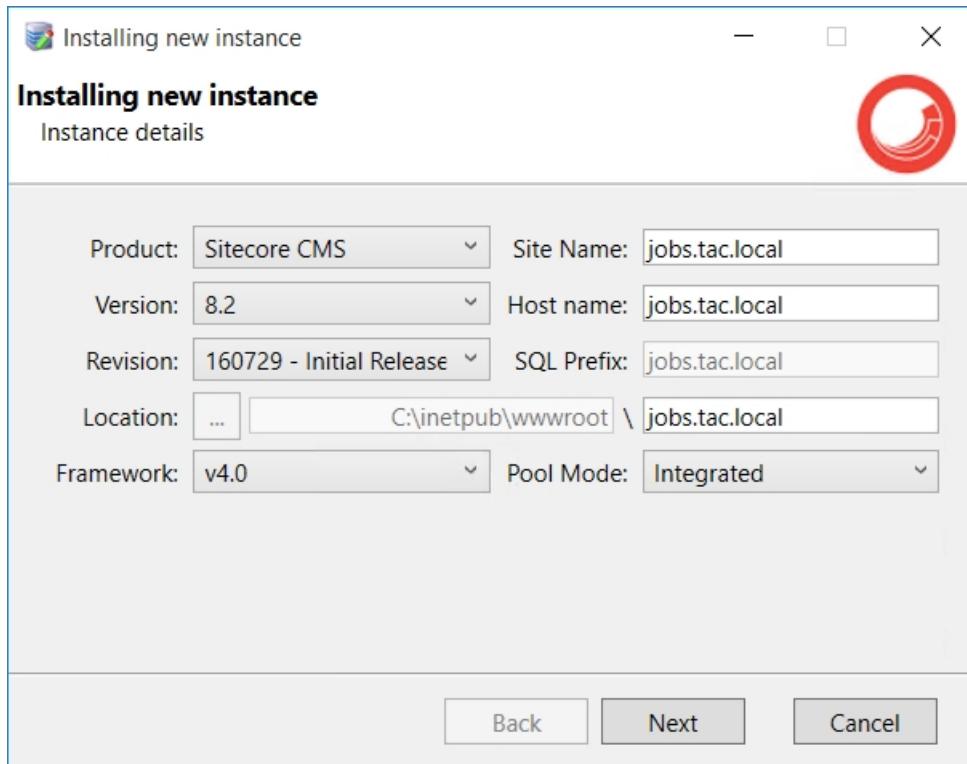
2. Make sure the version and revision number is the version you downloaded when you install your new instance.

The dialog box title is "Installing new instance". It shows "Instance details" and features a Sitecore logo icon. The form contains the following fields:

Product:	Sitecore CMS	Site Name:	jobs.tac.local
Version:	8.2	Host name:	jobs.tac.local
Revision:	160729 - Initial Release	SQL Prefix:	jobs.tac.local
Location:	...	C:\inetpub\wwwroot \	jobs.tac.local
Framework:	v4.0	Pool Mode:	Integrated

At the bottom are "Back", "Next", and "Cancel" buttons.

3. Enter the Site Name as *jobs.tac.local*.



4.

5. Click **Next** until you reach "Please review..." then click **Install**.
6. After the progress bar finishes, click **Finish** and you will see the new site in the list of installed sites in the SIM window.