

Install the Codeless Schema Extensions module on-prem

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1. Install the Sitecore Codeless Schema Extensions on-prem

The [Codeless Schema Extensions module](#) enables business users to extend the xConnect schema without requiring code development.

This guide describes how to install Sitecore Codeless Schema Extensions for on-premise (IaaS) [topologies](#). This involves downloading the Sitecore Codeless Schema Extensions web deploy packages and then installing the module on an existing Sitecore XP on-prem instance.

BEFORE YOU BEGIN

Ensure that:

- [Sitecore Experience Platform 10.2 or later](#) is installed.
- The [Sitecore Installation Framework](#) is installed.
- [Microsoft Web Deploy v3.6](#) is installed on the server where you want to install the Codeless Schema Extensions.

1.1. Download the Sitecore Codeless Schema Extensions installation files

To get the Sitecore Codeless Schema Extensions installation files:

1. Download the [web deploy package \(WDP\) ZIP file](#) for the target topology and extract its contents to a folder, for example `C:\Resources`. Depending on the target topology, the extracted ZIP file contains the following WDPs:

For XP Single (XP0):

- Sitecore Codeless Schema Extensions XP0 CMCD.SXP_102_104.<version>.scwdp.zip
- Sitecore Codeless Schema Extensions XP0 xConnect.SXP_102_104.<version>.scwdp.zip

For XP Scaled (XP1):

- Sitecore Codeless Schema Extensions XP1 CD.SXP_102_104.<version>.scwdp.zip
- Sitecore Codeless Schema Extensions XP1 CM.SXP_102_104.<version>.scwdp.zip
- Sitecore Codeless Schema Extensions XP1 Collection.SXP_102_104.<version>.scwdp.zip
- Sitecore Codeless Schema Extensions XP1 Collection Search.SXP_102_104.<version>.scwdp.zip
- Sitecore Codeless Schema Extensions XP1 Cortex Processing.SXP_102_104.<version>.scwdp.zip

- Sitecore Codeless Schema Extensions XP1 Cortex Reporting.SXP_102_104.<version>.scwdp.zip
 - Sitecore Codeless Schema Extensions XP1 Marketing Automation.SXP_102_104.<version>.scwdp.zip
 - Sitecore Codeless Schema Extensions XP1 Marketing Automation Reporting.SXP_102_104.<version>.scwdp.zip
 - Sitecore Codeless Schema Extensions XP1 Reference Data.SXP_102_104.<version>.scwdp.zip
2. Download the deployment script ZIP file: `Sitecore Codeless Schema Extensions.Deploy <version>.zip` and extract it.

1.2. Install Sitecore Codeless Schema Extensions

NOTE

For more information about web deploy packages and configuration files, see [parts of a topology](#).

The installation process works by applying the WDP files to their respective IIS sites.

To install Sitecore Codeless Schema Extensions:

- In the folder containing the deployment script files, open PowerShell and run `InstallModule.ps1` with the [required parameters](#) and desired [optional parameters](#). For example: `.\InstallModule.ps1 -InstanceName sc1040xp1 -Topology XP1 -Version 1.0.0 -ResourcesFolder C:\Resources`.

Required parameters:

Required parameter	Description	Example
InstanceName	The name of the Sitecore instance.	sc1040xp1
Topology	The topology of the Sitecore instance.	XP1
Version	The version of the Sitecore Codeless Schema Extensions to install. It must match the versions of the downloaded WDP files.	1.0.0

Optional parameters:

Optional parameter	Description	Applies to XP0?	Applies to XP1?	Default value
ResourcesFolder	The path to the folder containing the downloaded WDP files.	✓	✓	C:\Resources
SifLocation	The path to the configuration files in the SIF folder.	✓	✓	\$PSScriptRoot\SIF*
WorkingDirectory	The path to the folder where the installation process can store temporary files.	✓	✓	\$PSScriptRoot\GpDeployTemp
SiteNameCMCD	The IIS site name for the CM/CD role.	✓	✗	\$InstanceName
AppPoolNameCMCD	The IIS app pool name for the CM/CD role.	✓	✗	\$InstanceName
SiteNameXConnect	The IIS site name for the xConnect role.	✓	✓	\$InstanceName + "_xconnect"
AppPoolNameXConnect	The IIS app pool name for the xConnect role.	✓	✓	\$InstanceName + "_xconnect"
SiteNameCD	The IIS site name for the CD role.	✗	✓	\$InstanceName + "CD"
AppPoolNameCD	The IIS app pool name for the CD role.	✗	✓	\$InstanceName + "CD"
SiteNameCM	The IIS site name for the CM role.	✗	✓	\$InstanceName + "CM"
AppPoolNameCM	The IIS app pool name for the CM role.	✗	✓	\$InstanceName + "CM"
SiteNameCollection	The IIS site name for the xConnect Collection role.	✗	✓	\$InstanceName + "_collection"

Optional parameter	Description	Applies to XP0?	Applies to XP1?	Default value
AppPoolNameCollection	The IIS app pool name for the xConnect Collection role.	✘	✔	<code>\$InstanceName + "_collection"</code>
SiteNameCollectionSearch	The IIS site name for the xConnect Collection Search role.	✘	✔	<code>\$InstanceName + "_collectionsearch"</code>
AppPoolNameCollectionSearch	The IIS app pool name for the xConnect Collection Search role.	✘	✔	<code>\$InstanceName + "_collectionsearch"</code>
SiteNameCortexProcessing	The IIS site name for the Cortex Processing role.	✘	✔	<code>\$InstanceName + "_cortexprocessing"</code>
AppPoolNameCortexProcessing	The IIS app pool name for the Cortex Processing role.	✘	✔	<code>\$InstanceName + "_cortexprocessing"</code>
SiteNameCortexReporting	The IIS site name for the Cortex Reporting role.	✘	✔	<code>\$InstanceName + "_cortexreporting"</code>
AppPoolNameCortexReporting	The IIS app pool name for the Cortex Reporting role.	✘	✔	<code>\$InstanceName + "_cortexreporting"</code>
SiteNameMarketingAutomation	The IIS site name for the Marketing Automation role.	✘	✔	<code>\$InstanceName + "_marketingautomation"</code>
AppPoolNameMarketingAutomation	The IIS app pool name for the Marketing Automation role.	✘	✔	<code>\$InstanceName + "_marketingautomation"</code>
SiteNameMarketingAutomationReporting	The IIS site name for the Marketing Automation Reporting role.	✘	✔	<code>\$InstanceName + "_marketingautomationreporting"</code>

Optional parameter	Description	Applies to XP0?	Applies to XP1?	Default value
AppPoolNameMarketingAutomationReporting	The IIS app pool name for the Marketing Automation Reporting role.	✗	✔	\$InstanceName + "_marketingautomationreporting"
SiteNameReferenceData	The IIS site name for the Reference Data role.	✗	✔	\$InstanceName + "_referencedata"
AppPoolNameReferenceData	The IIS app pool name for the Reference Data role.	✗	✔	\$InstanceName + "_referencedata"