

# Sitecore Experience Accelerator 1.9

## Installation Guide

*How to install and configure SXA*

*February 18, 2020*

## Table of Contents

Chapter 1	Installing and configuring SXA .....	3
1.1	Requirements.....	4
1.2	Installation .....	5
1.3	Create SOLR SXA cores .....	6
1.4	Configuring the CD server .....	9

*Sitecore® is a registered trademark. All other brand and product names are the property of their respective holders. The contents of this document are the property of Sitecore. Copyright © 2001-2020 Sitecore. All rights reserved.*

## Chapter 1

# Installing and configuring SXA

To install Sitecore Experience Accelerator (SXA), you must have Sitecore Experience Platform installed on your on-premise content management server. You must download the SXA installation package that corresponds to your version of the Sitecore Experience Platform from the [Sitecore Downloads page](#).

## 1.1 Requirements

Before installing SXA, ensure that you have the following:

- Sitecore Experience Platform 9.2 Initial Release or 9.1 update 1.
- Sitecore PowerShell Extensions:
  - *Sitecore PowerShell Extensions full 5.0* version for Sitecore 9.1 update 1.
  - *Sitecore PowerShell Extensions 5.0 for 9.2* version for Sitecore 9.2 initial release.

### **Important**

Do not install Sitecore PowerShell Extensions if you deploy SXA to a CD environment.

## 1.2 Installation

To install SXA:

1. Download the appropriate SXA 1.9 installation package from <http://dev.sitecore.net>.
2. On the Sitecore Launchpad, click **Control Panel**.
3. In the **Control Panel**, in the **Administration** section, click **Install a package** to open the Installation Wizard.
4. Click **Upload package** and follow the steps to upload the SXA package to Sitecore.
5. Click **Next** and follow the steps to install the package.
6. Before you close the wizard, select **Restart the Sitecore Client** and **Restart the Sitecore Server**.

### Warning

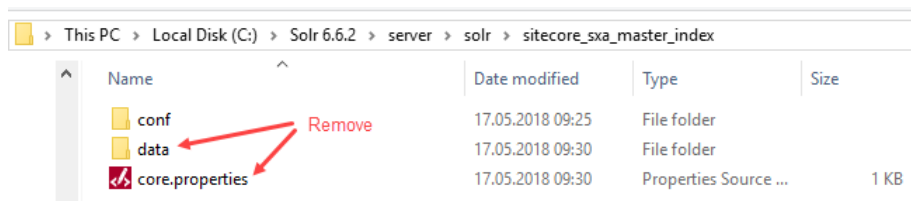
The Azure app service has a timeout set to 230 seconds per request. If you install SXA on an existing Azure Sitecore solution, consider scaling up to a higher service tier temporarily to prevent a request timeout occurring.

### 1.3 Create SOLR SXA cores

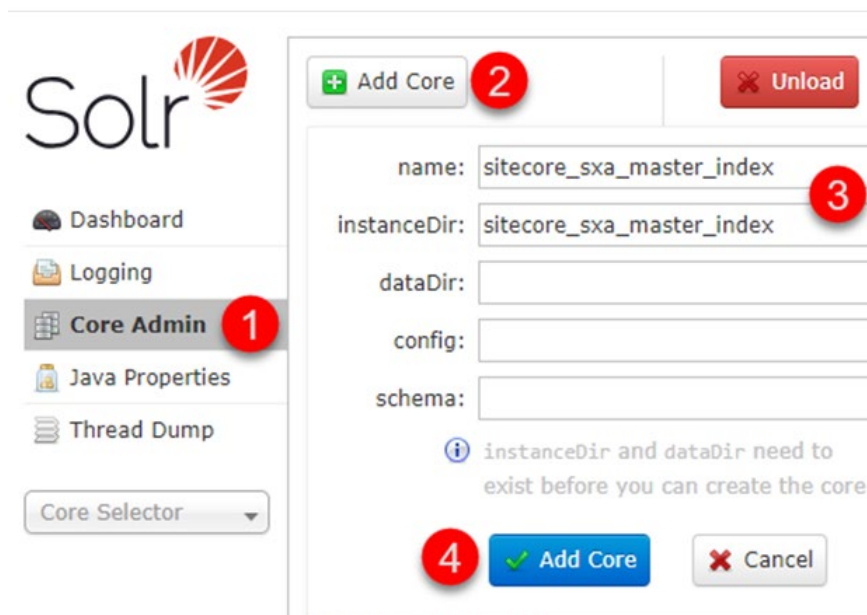
After installing SOLR and connecting it to your Sitecore instance, you may notice that a number of default Sitecore platform cores have been added. In SOLR a core is an instance of a Lucene index and contains the configurations for that index. Each index should have its own core, therefore for each custom index you wish to create for SXA, you must create a core.

To create your SOLR SXA core:

1. Duplicate core directory created for `sitecore_master_index` (or `company_name_master_index`) twice and rename to:
  - o `sitecore_sxa_master_index`
  - o `sitecore_sxa_web_index`
2. In those two folders, remove everything besides the “conf” directory.



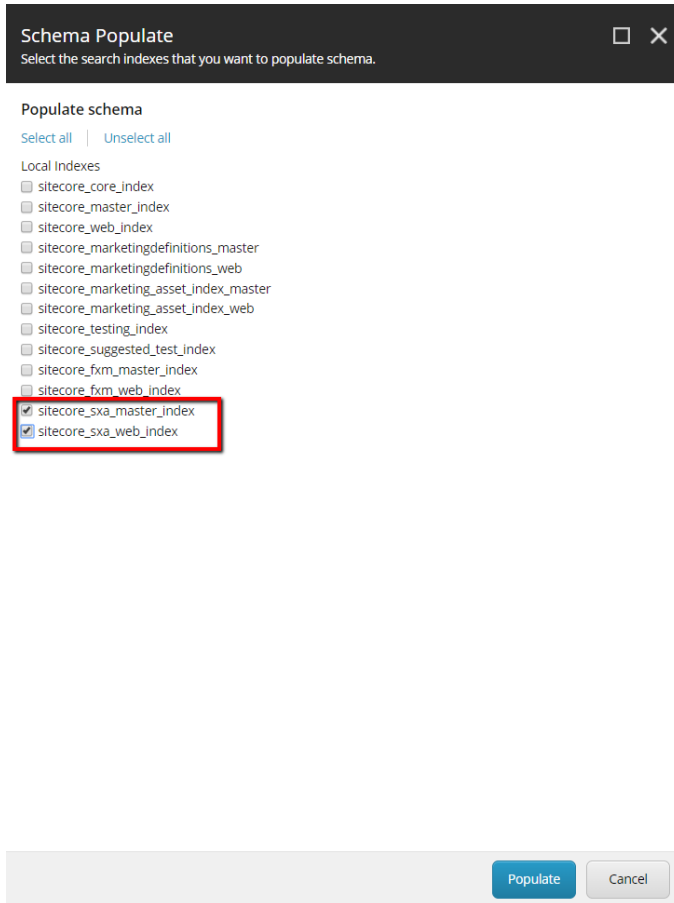
3. On the Solr web interface, click **Core Admin** and click **Add Core** to add `sitecore_sxa_master_index`. Do the same for `sitecore_sxa_web_index`



#### Note

Make sure that the names of the Solr cores you created match the settings for `sitecore_sxa_master_index` and `sitecore_sxa_web_index` in `Sitecore.XA.Foundation.Search.Solr.config`

4. In Sitecore, log in to the Launchpad and open the **Control Panel**.
5. In the Indexing section, click **Populate Solr Managed Schema**.
6. In the **Schema Populate** dialog box, Select `sitecore_sxa_master_index` and `sitecore_sxa_web_index`, and click **Populate**:



7. In the Indexing section, click **Indexing Manager**.
8. In the **Indexing Manager** dialog box, select `sitecore_sxa_master_index` and `sitecore_sxa_web_index`, and click **Rebuild**:

### Indexing Manager

Select the search indexes that you want to rebuild.

**Rebuild search index**  
[Select all](#) | [Unselect all](#)  
**Local Indexes**

- sitecore\_core\_index
- sitecore\_master\_index
- sitecore\_web\_index
- sitecore\_marketingdefinitions\_master
- sitecore\_marketingdefinitions\_web
- sitecore\_marketing\_asset\_index\_master
- sitecore\_marketing\_asset\_index\_web
- sitecore\_testing\_index
- sitecore\_suggested\_test\_index
- sitecore\_fxm\_master\_index
- sitecore\_fxm\_web\_index
- sitecore\_sxa\_master\_index
- sitecore\_sxa\_web\_index

**Index statistics**  
**sitecore\_core\_index**  
Rebuild Time: 43 minutes  
Approximate Throughput: 0 items per second  
Has Deletions: True  
Is Clean: True  
Out of Date: False  
Document Count: 1258  
Is Healthy: True  
Number of Fields: 123  
Last Updated: 8/27/2018 - 8:55 AM (UTC)  
Number of Terms: -1  
**sitecore\_master\_index**  
Rebuild Time: 8 minutes  
Approximate Throughput: 14 items per second  
Has Deletions: True  
Is Clean: True  
Out of Date: False  
Document Count: 7767  
Is Healthy: True  
Number of Fields: 457  
Last Updated: 8/29/2018 - 11:22 AM (UTC)  
Number of Terms: -1  
**sitecore\_web\_index**  
Rebuild Time: 43 minutes  
Approximate Throughput: 0 items per second  
Has Deletions: False  
Is Clean: True  
Out of Date: False  
Document Count: 2  
Is Healthy: True  
Number of Fields: 49  
Last Updated: 8/22/2018 - 9:51 AM (UTC)  
Number of Terms: -1  
**sitecore\_marketingdefinitions\_master**



## 1.4 Configuring the CD server

When you deploy the SXA to a CD environment, you should download the Sitecore Experience Accelerator 1.9 CD package, unzip the package, and copy the files in the website folder.

### **Important**

Do not install Sitecore PowerShell Extensions if you deploy SXA to a CD environment.

If you setup XM Scaled (XM1) topology for Sitecore 9.1, you should add this key in `<appSettings>` section in `Web.config` on a CD server:

```
<add key="sxaxm:define" value="sxaxmonly" />
```