

Sitecore Experience Accelerator 1.5 Installation Guide

How to install and configure SXA



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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](#).

Requirements

Before installing SXA, ensure that you have the following:

- Sitecore Experience Platform 8.2 Update 5 or Sitecore 9 initial release.
- Sitecore PowerShell Extensions: full 4.7 version (only for standalone and scaled environment CM instances).

Installation

To install SXA:

1. Download the appropriate SXA 1.5 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**.
7. Enable the search configuration file depending on the Sitecore environment configuration:
Website\App_Config\Include\z.Foundation.Overrides

Configuring the CM server

In a development or CM environment where the same server delivers content to the content management tools and the published web site, SXA reads the site definitions from the *master* database and not from the configuration files by default. Therefore, if you change the site definition items in the *master* database, you will influence the behavior of the published content.

If you install SXA on a Content Management environment according to the [configuration instructions](#), you may receive the following error message:

Constructor of type Sitecore.ContentSearch.LuceneProvider.LuceneIndex cannot be found.

If you use Solr, you may receive the following error message:

Constructor of type Sitecore.ContentSearch.SolrProvider.SolrSearchIndex cannot be found.

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To resolve this issue, you must remove the patches for indexes that do not exist in your environment in the following files:

```
...\\Website\\App_Config\\Include\\z.Foundation.Overrides\\Sitecore.XA.Foundation.Search.Lucene.config
```

```
...\\Website\\App_Config\\Include\\z.Foundation.Overrides\\Sitecore.XA.Foundation.Search.Solr.config
```

For example, if *sitecore_fxm_master_index* does not exist, remove the index path entry from the *Sitecore.XA.Foundation.Search.Lucene.config* file:

```
<index id="sitecore_fxm_master_index"
type="Sitecore.ContentSearch.LuceneProvider.LuceneIndex,
Sitecore.ContentSearch.LuceneProvider">

  <patch:attribute
name="type">Sitecore.XA.Foundation.Search.Providers.Lucene.LuceneIndex,
Sitecore.XA.Foundation.Search.Providers.Lucene</patch:attribute>

</index>
```

Configuring the CD server

When you deploy the SXA to a CD environment, you should install the Sitecore Experience Accelerator 1.5 CD package.

When you install SXA on a CD server, you should switch the database source from *master* to *web*.

To switch the database source from *master* to *web*:

1. Open *Sitecore.XA.Foundation.Multisite.config* and go to the `<siteManager>` section.
2. Change the database attribute to *web* in the following section:

```
<add name="sxa"
type="Sitecore.XA.Foundation.Multisite.Providers.SxaSiteProvider,
Sitecore.XA.Foundation.Multisite" database="web" checkSecurity="false"/>
```

Depending on your user search configuration, you must modify the search providers configuration files (stored under *App_Config\\Include\\z.Foundation.Overrides*) to remove or comment out the patches for the master indexes.

For *Sitecore.XA.Foundation.Search.Azure.config* patches, remove the following index:

```
sitecore_master_index
```

For *Sitecore.XA.Foundation.Search.Lucene.config* patches, remove the following indexes:

```
sitecore_master_index
sitecore_fxm_master_index
social_messages_master
sitecore_marketing_asset_index_web
```

For *Sitecore.XA.Foundation.Search.Solr.config* patches, remove the following indexes:

```
sitecore_master_index
sitecore_fxm_master_index
social_messages_master
sitecore_marketing_asset_index_master
sitecore_marketingdefinitions_master
```