Sitecore Experience Accelerator 1.4
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 Developer Portal.

Requirements

Before installing SXA, ensure that you have:

- Sitecore Experience Platform 8.1 Update 3 or 8.2 Update 3.

- Sitecore PowerShell extensions: full 4.6 version for Sitecore 8.

Note
Only for standalone and scaled environment CM instance.

Installation

To install SXA:

1. Download the appropriate SXA 1.4 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".

Or if you are using Solr:

"constructor of type Sitecore.ContentSearch.SolrProvider.SolrSearchIndex cannot be found"

To solve this, you must remove the patches for indexes that don't exist in your environment from 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 the `sitecore_fxm_master_index` 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 1.4 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 the user search configuration, the search providers configuration files have to be modified to remove/comment out patches for master indexes. These configuration files are stored in the `App_Config\Include\z.Foundation.Overrides\` folder.

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`