Configuration File Changes

Sitecore Experience Platform 8.1 Update 3

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1.1 Config file changes in Sitecore 8.1 rev. 160519 (Update-3) compared to Sitecore 8.1 rev. 160302 (Update-2).

This update requires you to make changes to the following files:

- `Web.config`
- `App_Config\Sitecore.config`
- `App_Config\Include\Sitecore.Buckets.config`
- `App_Config\Include\Sitecore.Analytics.ExcludeRobots.config`
- `App_Config\Include\Sitecore.Analytics.Tracking.config`
- `App_Config\Include\Sitecore.ContentSearch.Analytics.config`
- `App_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.WebAPI.config`
- `App_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.Client.config`
- `App_Config\Include\Social\Sitecore.Social.Facebook.config`
- `App_Config\Include\Social\Sitecore.Social.ProfileMapping.Facebook.config`

Depending on the search provider that you are using, you should also update the following files:

Lucene

- `App_Config\Include\Sitecore.ContentSearch.Lucene.DefaultIndexConfiguration.config`
- `App_Config\ListManagement\Sitecore.ListManagement.Lucene.IndexConfiguration.config`

Solr

- `App_Config\Include\Sitecore.ContentSearch.Solr.DefaultIndexConfiguration.config.example`
- `App_Config\ListManagement\Sitecore.ListManagement.Solr.IndexConfiguration.config.disabled`

In this update, the following configuration files have been added:

- `App_Config\Include\Sitecore.Analytics.Tracking.Database.ScaledCM.config.disabled`
- `App_Config\Include\Sitecore.Interning.config`

You can download the clean configuration files for Sitecore 8.1 rev. 160519 (Update-3):

- `app_config_files_81rev160519 .zip`
- `Web.config_81rev160519 .zip`

To download these files, on the <u>Sitecore Experience Platform 8.1 Update-3</u> page, in the **Upgrade options** section, click *Config files for upgrade*.

Tip
Most customers have only applied a small number of changes to the `Web.config` and `Sitecore.config` files. We recommend that you download the clean config files and re-apply any changes that you've made. This will save time and reduce the risk of making mistakes when you add the new settings, pipelines, and so on to the files.

Configuration File Changes

1.1.1 Changes to web.config

1. In `<module>` section, add the following node:

```
        <add type="Sitecore.Web.XFrameOptionsHeaderModule, Sitecore.Kernel"
name="SitecoreXFrameOptionsHeaderModule" />
```

2. Replace the `<httpRuntime>` section:

```
    <httpRuntime maxRequestLength="512000" executionTimeout="600"
enableKernelOutputCache="false" relaxedUrlToFileSystemMapping="true"/>
```

with:

```
    <httpRuntime maxRequestLength="512000" executionTimeout="600"
enableKernelOutputCache="false" relaxedUrlToFileSystemMapping="true"
enableVersionHeader="false"/>
```

3. In the `<system.webserver>` section, add the following:

```
<httpProtocol>
<customHeaders>
    <remove name="X-Powered-By"/>
</customHeaders>
</httpProtocol>
```

1.1.2 Changes to App_Config\Sitecore.config

1. In the `<sites>` section, remove the following node:

```
    <site name="system layouts" virtualFolder="/layouts/system"
physicalFolder="/layouts/system" usePreviousSiteName="true"/>
```

2. In the `<sites>` section, replace:

```
    <site name="service" enableTracking="true" virtualFolder="/sitecore/service"
physicalFolder="/sitecore/service" usePreviousSiteName="true"/>
```

with:

```
    <site name="service" enableTracking="true" virtualFolder="/sitecore/service"
physicalFolder="/sitecore/service"/>
```

1.1.3 Changes to App_Config\Include\Sitecore.Buckets.config

1. In the `<commands>` section, remove the following:

```
    <command name="bucket:usage"
type="Sitecore.Buckets.Commands.BucketUsage, Sitecore.Buckets"/>
```

1.1.4 Changes to App_Config\Include\Sitecore.ContentSearch.Lucene.DefaultIndexConfiguration.config

1. In the `<fieldNames hint="raw:AddFieldByFieldName">` section, add the following:

```
    <field fieldName="__lock"  storageType="YES" indexType="TOKENIZED"    vectorType="NO"
boost="1f" type="System.String"
settingType="Sitecore.ContentSearch.LuceneProvider.LuceneSearchFieldConfiguration,
Sitecore.ContentSearch.LuceneProvider">
      <analyzer
type="Sitecore.ContentSearch.LuceneProvider.Analyzers.LowerCaseKeywordAnalyzer,
Sitecore.ContentSearch.LuceneProvider" />
    </field>
```

2. In the `<fields hint="raw:AddComputedIndexField">` section, add the following:

```
    <field fieldName="__lock">
Sitecore.ContentSearch.ComputedFields.ParsedLockOwner,Sitecore.ContentSearch</field>
```

1.1.5 Changes to App_Config\Include\Sitecore.ContentSearch.Solr.DefaultIndexConfiguration.config.example

1. In the `<fields hint="raw:AddComputedIndexField">` section, add the following:

```
<field fieldName="  lock" returnType="string"
>Sitecore.ContentSearch.ComputedFields.ParsedLockOwner,Sitecore.ContentSearch</field>
```

2. At end of the `<pipelines>` section, before `</pipelines>`, add the following:

```
<contentSearch.formatQueryFieldValue>
        <processor
type="Sitecore.ContentSearch.SolrProvider.Pipelines.FormatQueryFieldValue.ApplyFieldMappingRul
e, Sitecore.ContentSearch.SolrProvider" />
      </contentSearch.formatQueryFieldValue>
```

1.1.6 Changes to App_Config\Include\Sitecore.Analytics.ExcludeRobots.config

1. In the `<excludedUserAgents>` section, add the following line at the end of the list:

```
Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 6.1; GTMProbe 1.0)
```

1.1.7 Changes to App_Config\Include\Sitecore.Analytics.Tracking.config

1. In the `<httpRequestProcessed>` pipeline, remove the following processor:

```
<processor
type="Sitecore.Analytics.Pipelines.HttpRequest.SetPreviousSiteName,Sitecore.Analytics"/>
```

1.1.8 Changes to App_Config\Include\Sitecore.ContentSearch.Analytics.config

1. In the `<settings>` section, after the `<setting name="ContentSearch.Analytics.DefaultLanguage" value="en"/>` node, add the following:

```
<!--  CONTENT SEARCH – ANALYTICS - INDEX ANONYMOUS CONTACTS
      This setting specifies whether anonymous contacts and their interactions are
indexed.
      If true, all contacts and all their interactions are indexed.
      If false, only identified contacts and their interactions are indexed.
      Default value: true
-->
<setting name="ContentSearch.Analytics.IndexAnonymousContacts" value="true"/>
```

2. In the `<sitecore>` section, after the `<settings>` node, add the following:

```
<hooks>
  <hook type="Sitecore.ContentSearch.Analytics.Hooks.Initializer,
Sitecore.ContentSearch.Analytics" />
</hooks>
```

3. In the `<pipelines>` section, after the `<aggregation.filter.inbound>` node, add the following:

```
<!-- CONTACTADDRESSINDEXABLE LOAD FIELDS
     The Sitecore.ContentSearch.Analytics.Models.AddressIndexable type uses this
pipeline for populating collection of fields for indexing.
   -->
<contactaddressindexable.loadfields>
  <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.ContactAddressIndexableLoadFields.LoadFields,
Sitecore.ContentSearch.Analytics" />
</contactaddressindexable.loadfields>
```

4. In the `<pipelines>` section, after the `<contactaggregationobservable.filter.inbound>` node, add the following:

```
<!-- CONTACTINDEXABLE LOAD FIELDS
        The Sitecore.ContentSearch.Analytics.Models.ContactIndexable type uses this
pipeline for populating collection of fields for indexing.
      -->
      <contactindexable.loadfields>
        <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.ContactIndexableLoadFields.LoadFields,
Sitecore.ContentSearch.Analytics" />
      </contactindexable.loadfields>

      <!-- CONTACTTAGINDEXABLE LOAD FIELDS
        The Sitecore.ContentSearch.Analytics.Models.ContactTagIndexable type uses this
pipeline for populating collection of fields for indexing.
      -->
      <contacttagindexable.loadfields>
        <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.ContactTagIndexableLoadFields.LoadFields,
Sitecore.ContentSearch.Analytics" />
      </contacttagindexable.loadfields>

      <!-- VISITINDEXABLE LOAD FIELDS
        The Sitecore.ContentSearch.Analytics.Models.VisitIndexable type uses this
pipeline for populating collection of fields for
        indexing.
      -->
      <visitindexable.loadfields>
        <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.VisitIndexableLoadFields.LoadFields,
Sitecore.ContentSearch.Analytics" />
      </visitindexable.loadfields>

      <!-- VISITPAGEEVENTINDEXABLE LOAD FIELDS
        The Sitecore.ContentSearch.Analytics.Models.VisitPageEventIndexable  type uses
this pipeline for populating collection of fields for
        indexing.
      -->
      <visitpageeventindexable.loadfields>
        <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.VisitPageEventIndexableLoadFields.LoadFields,
Sitecore.ContentSearch.Analytics" />
      </visitpageeventindexable.loadfields>

      <!-- VISITPAGEINDEXABLE LOAD FIELDS
        The Sitecore.ContentSearch.Analytics.Models.VisitPageIndexable type uses this
pipeline for populating collection of fields for
        indexing.
      -->
      <visitpageindexable.loadfields>
        <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.VisitPageIndexableLoadFields.LoadFields,
Sitecore.ContentSearch.Analytics" />
      </visitpageindexable.loadfields>
```

1.1.9   Changes to Sitecore.ExperienceAnalytics.WebAPI.config

1. In the `<experienceAnalytics><api><services>` section, replace the `<keyCodec>` node with the following:

```
<keyCodec type="Sitecore.ExperienceAnalytics.Api.Encoding.HashKeysCodec,
Sitecore.ExperienceAnalytics" singleInstance="true">
      <param desc="encoder" ref="experienceAnalytics/api/services/encoder"/>
      <param desc="decoder"
type="Sitecore.ExperienceAnalytics.Api.Encoding.QuotedValueDecoderDecorator,
Sitecore.ExperienceAnalytics">
      <param desc="decoder"
type="Sitecore.ExperienceAnalytics.Api.Encoding.PresetsEnabledKeyDecoder,
Sitecore.ExperienceAnalytics">
      <param desc="hashMampping" type="Sitecore.ExperienceAnalytics.Api.Encoding.HashMapper,
Sitecore.ExperienceAnalytics">
```

```
        <param desc="keysProvider"
type="Sitecore.ExperienceAnalytics.Api.Encoding.InMemoryPresetKeysProvider,
Sitecore.ExperienceAnalytics"/>
        <param desc="encoder" ref="experienceAnalytics/api/services/encoder"/>
        </param>
        <param desc="decoder"
type="Sitecore.ExperienceAnalytics.Api.Encoding.DatabaseKeyDecoder,
Sitecore.ExperienceAnalytics">
        <param desc="keysRepository" ref="experienceAnalytics/api/hashKeysProvider"/>
        </param>
        </param>
        </param>
        </keyCodec>
```

1.1.10   Changes to Sitecore.ExperienceAnalytics.Client.config

1. In the `<experienceAnalytics><client><services>` section, replace the
    `<siteDefinitionService >` node with the following:

```
        <siteDefinitionService
type="Sitecore.ExperienceAnalytics.Core.Repositories.SiteFilter.SiteDefinitionServiceFilterDec
orator, Sitecore.ExperienceAnalytics" >
        <param
type="Sitecore.ExperienceAnalytics.Core.Repositories.DataProviderSiteDefinitionService,
Sitecore.ExperienceAnalytics" >
        <param type="Sitecore.ExperienceAnalytics.Client.ClientContainer,
Sitecore.ExperienceAnalytics.Client" factoryMethod="GetLazyReportingDataProvider"/>
        <param desc="reportingDataSourceName">reporting</param>
        </param>
        <filters hint="list:AddFilter">
        </filters>
        </siteDefinitionService>
```

1.1.11   Changes to App_Config\Include\ListManagement\Sitecore.ListManagement.Lucene.IndexConfiguration.config

1. Delete the following `<field>` node:

```
        <field fieldName="query" storageType="YES" indexType="TOKENIZED" vectorType="NO"
boost="1f" type="System.String"
settingType="Sitecore.ContentSearch.LuceneProvider.LuceneSearchFieldConfiguration,
Sitecore.ContentSearch.LuceneProvider">
        <analyzer
type="Sitecore.ContentSearch.LuceneProvider.Analyzers.LowerCaseKeywordAnalyzer,
Sitecore.ContentSearch.LuceneProvider" />
        </field>
```

2. After the `<fieldMap ref="contentSearch/indexConfigurations/defaultLuceneIndexConfiguration/fieldMap">` `<fieldNames hint="raw:AddFieldByFieldName"><field fieldName="source.usealldatabase" … />` node, add the following:

```
        <field fieldName="segmentation" storageType="YES" indexType="NOT_ANALYZED"
vectorType="NO" boost="1f" type="System.String"
settingType="Sitecore.ContentSearch.LuceneProvider.LuceneSearchFieldConfiguration,
Sitecore.ContentSearch.LuceneProvider" />
```

3. After the `<fields hint="raw:AddComputedIndexField"><field fieldName="source.usealldatabase"… />` node, add the following:

```
        <field fieldName="segmentation"
itemFieldName="Query">Sitecore.ListManagement.ContentSearch.Fields.MappedIndexField,Sitecore.L
istManagement.ContentSearch</field>
```

1.1.12 Changes to App_Config\Include\ListManagement\Sitecore.ListManagement.Solr.IndexConfiguration.config.disabled

1. Delete the following `<field>` node:

```
<field fieldName="query" returnType="string" stored="true" indexed="false"
termVectors="false" boost="1f" />
```

2. After the `<fieldNames hint="raw:AddFieldByFieldName">` `<field fieldName="source.usealldatabase" … />` node, add the following:

```
<field fieldName="segmentation" returnType="string" stored="true" indexed="false"
termVectors="false" boost="1f" />
```

3. After the `<fields hint="raw:AddComputedIndexField">` `<field fieldName="source.usealldatabase" … />` node, add the following:

```
<field fieldName="segmentation"
itemFieldName="Query">Sitecore.ListManagement.ContentSearch.Fields.MappedIndexField,Sitecore.L
istManagement.ContentSearch</field>
```

1.1.13 Changes to App_Config\Include\Social\Sitecore.Social.Facebook.config

1. In the `<settings>` section, remove the following node:

```
<!-- SOCIAL - FACEBOOK - IS OFFLINE ACCESS
    Specifies if the Social Connector will request the Facebook "offline access"
permission.
    Default value: true
-->
<setting name="Social.Facebook.IsOfflineAccess" value="false" />
```

2. At the end of `<network name="Facebook">` section, remove the following node:

```
<field sitecoreKey="fb_interests" />
```

1.1.14 Changes to App_Config\Include\Social\Sitecore.Social.ProfileMapping.Facebook.config

1. In the `<network name="Facebook">` section, remove the following nodes:

```
<!-- 'Interests' field. -->
<!-- The interests listed on the user's profile. -->
<field enabled="true" originalKey="" sitecoreKey="fb_interests"
permission="user_interests" access="/me/interests" text="Interests" />


<!-- 'Activities' field. -->
<!-- The activities listed on the user's profile. -->
<field enabled="false" originalKey="" sitecoreKey="fb_activities"
permission="user_activities" access="/me/activities" text="Activities" />


<!-- 'Links' field. -->
<!-- The user's posted links. -->
<field enabled="false" originalKey="" sitecoreKey="fb links" permission="read stream"
access="/me/links" text="Links" />


<!-- 'Statuses' field. -->
<!-- The user's status updates. -->
<field enabled="false" originalKey="" sitecoreKey="fb statuses"
permission="read_stream" access="/me/statuses" text="Statuses" />


<!-- 'Notifications' field. -->
```

```
        <!-- The notifications for the user. -->
        <field enabled="false" originalKey="" sitecoreKey="fb notifications"
permission="manage_notifications" access="/me/notifications" text="Notifications" />
```

2. In the `<network name="Facebook">` section, change the `<field enabled="false" originalKey="" sitecoreKey="fb_friendlists" ...>` node to the following:

```
        <!-- 'Friendlists' field. -->
        <!-- The user's friend lists. -->
        <field enabled="false" originalKey="" sitecoreKey="fb_friendlists"
permission="read_custom_friendlists" access="/me/friendlists" text="Friend Lists" />
```

3. In the `<network name="Facebook">` section, change the `<field enabled="false" originalKey="" sitecoreKey="fb_groups" ...>` node to the following:

```
        <!-- 'Groups' field. -->
        <!-- The Facebook groups that a person is a member of. -->
        <field enabled="false" originalKey="" sitecoreKey="fb groups"
permission="user_managed_groups" access="/me/groups" text="Groups" />
```

4. In the `<network name="Facebook">` section, change the `<field enabled="false" originalKey="" sitecoreKey="fb_home" ...>` node to the following:

```
        <!-- 'Home' field. -->
        <!-- The feed of posts (including status updates) and links published by this user, or
by others on this user's profile. -->
        <field enabled="false" originalKey="" sitecoreKey="fb home" permission="user posts"
access="/me/feed" text="Home" />
```

5. In the `<network name="Facebook">` section, change the `<field enabled="false" originalKey="" sitecoreKey="fb_posts" ...>` node to the following:

```
        <!-- 'Posts' field. -->
        <!-- The posts that were published by this user. -->
        <field enabled="false" originalKey="" sitecoreKey="fb posts" permission="user posts"
access="/me/posts" text="Posts" />
```

6. In the `<network name="Facebook">` section, change the `<field enabled="false" originalKey="" sitecoreKey="fb_tagged" ...>` node to the following:

```
        <!-- 'Tagged' field. -->
        <!-- Posts the user is tagged in. -->
        <field enabled="false" originalKey="" sitecoreKey="fb tagged" permission="user posts"
access="/me/tagged" text="Tagged" />
```