Configuration File Changes

Sitecore Experience Platform 8.0 Update 6

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1.1 Config file changes in Sitecore 8.0 Update-6 rev. 151127

The configuration files in Sitecore 8.0 Update-6 rev. 151127 have been changed compared to Sitecore 8.0 rev. 150812 Update-5. When you upgrade an existing solution, you must manually implement the configuration file changes described in this document.

You must change the following configuration files:

- `Web.config`
- `App_Config\FieldTypes.config`
- `App_Config\Include\Sitecore.Analytics.Tracking.config`
- `App_Config\Include\Sitecore.Buckets.config`
- `App_Config\Include\Sitecore.ContentSearch.Analytics.config`
- `App_Config\Include\Sitecore.ContentSearch.config`
- `App_Config\Include\Sitecore.ExperienceEditor.config`
- `App_Config\Include\SwitchMasterToWeb.config.example`
- `App_Config\Include\ContentTesting\Sitecore.ContentTesting.config`
- `App_Config\Include\ListManagement\Sitecore.ListManagement.config`
- `App_Config\Include\ListManagement\Sitecore.ListManagement.Services.config`
- `App_Config\Include\XdbCloud\Sitecore.ContentSearch.Cloud.Index.Analytics.config.disabled`
- `App_Config\Include\XdbCloud\Sitecore.ContentSearch.Cloud.Index.Analytics.Processing.config.disabled`
- `App_Config\Include\Sitecore.ExperienceExplorer.Speak.Requests.config`
- `App_Config\Include\Sitecore.ExperienceExplorer.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\Include\Sitecore.ContentSearch.Lucene.Index.Web.config`

Solr

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

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

- `App_Config\Include\ Sitecore.DefaultLanguage.config`
- `App_Config\Include\XdbCloud\Sitecore.ContentSearch.Cloud.Index.Analytics.Processing.config.disabled`

You can download the clean configuration files for Sitecore 8.0 rev. 151127 (Update-6):

- `app_config_files_80rev151127.zip`
- `Web.config_80rev151127.zip`

To download these files, on the <u>Sitecore Experience Platform 8.0 Update-6</u> page, in the **Upgrade options** section, click *Config files for upgrade*.

Coniguration File Changes

1.1.1 Changes to Web.config

To upgrade your existing config file to the Sitecore 8.0 rev. 151127 (Update-6) version, you must make the following changes to the `Web.config` file:

1. In the `<renderField>` section, after the `"Sitecore.Pipelines.RenderField.GetDocxFieldValue"` processor, add the following nodes:

```
        <processor type="Sitecore.Pipelines.RenderField.GetIntegerFieldValue,
Sitecore.Kernel" />
          <processor type="Sitecore.Pipelines.RenderField.GetNumberFieldValue,
Sitecore.Kernel" />
```

2. In the `<publishItem>` section, move the `"Sitecore.Publishing.Pipelines.PublishItem.MoveItems"` processor and insert it after the `"Sitecore.Publishing.Pipelines.PublishItem.DetermineAction"` processor.

3. In the beginning of the `<getMediaStream>` section, add the following processor:

```
        <processor type="Sitecore.Resources.Media.SaveColorProfileProcessor, Sitecore.Kernel"
/>
```

4. At the end of the `<getMediaStream>` section, add the following processor:

```
        <processor type="Sitecore.Resources.Media.RestoreColorProfileProcessor,
Sitecore.Kernel" />
```

5. At the end of the `<encodeNameReplacements>` section, add the following node:

```
<replace mode="on" find=" " replaceWith="-" />
```

6. After the `<setting name="ItemCloning.NonInheritedFields" value="" />` setting, add the following nodes:

```
<!--   ITEM CLONING - INHERIT WORKFLOW DATA
              Specify whether you want the workflow and workflow state fields to be
inherited by clones from their source item.
              Note: When you change the setting value, clones move in or out the
workflow, which may affect their behavior, for example, on publishing.
              Default value: false
        -->
        <setting name="ItemCloning.InheritWorkflowData" value="false" />
        <!--   ITEM CLONING - FORCE UPDATE
              Specify whether clones should be updated automatically when:
                - a new version is added to the original item.
                - a new language is added to the original item.
                - a new sub-item is added to the original item.
               Note: If true, all the clones of the original item are updated
automatically.
              Default value: false
        -->
        <setting name="ItemCloning.ForceUpdate" value="false" />
```

7. After the `<setting name="LicenseFile" value="$(dataFolder)/license.xml" />` setting, add the following node:

```
<!--   LINK DATABASE - MAXIMUM BATCH SIZE
              This setting specifies the maximum number of records that Compact
method can process in a single iteration.
              If you set this value too low, it can cause excessive amounts of
network traffic and may have a significant impact
              on system throughput.
              If you set this value too high, it may affect tasks that require
communication with SQL Server. For example, it may affect the size of transactions
              sent to SQL Server and this might require you to set higher 'lock
timeout' values as it takes longer to process large batches.
              Default: 1000
        -->
        <setting name="LinkDatabase.MaximumBatchSize" value="1000" />
```

8. After the `<setting name="Media.FileFolder" value="/App_Data/MediaFiles" />` setting, add the following setting:

```
<!--  MEDIA - FILE SYSTEM WATCHER - BUFFER SIZE
            The size (in bytes) of the internal buffer used by the file system
watchers that monitor the file system change
            notifications and raise events when a directory, or file in a directory,
changes.
            If you get log entries about internal buffer overflow, increasing the
value of this setting may solve this problem.
            The minimum size is 4096 (4 KB).
            The maximum size is 65536 (64 KB).
            Be aware that increasing this value could hurt performance. See
http://msdn.microsoft.com/en-
us/library/system.io.filesystemwatcher.internalbuffersize%28v=vs.110%29.aspx.
            Default value: 8192
        -->
        <setting name="Media.FileSystemWatcher.BufferSize" value="8192" />
```

9. After the `<setting name="Media.WhitespaceReplacement" value=" " />` setting, add the following setting:

```
<!--  REMOVE UNUSED BLOBS ON SAVE
            Specifies whether unused blobs should be deleted from an item when it is
saved. This setting only checks items that contain blob fields.
            To improve performance during a bulk upload of media files, set this
setting to "false".
            When this setting is set to "false", you must run the CleanupDatabase task
periodically.
            Default value: true.
        -->
        <setting name="RemoveUnusedBlobsOnSave" value="true" />
```

10. After the `<setting name="MediaResponse.SlidingExpiration" value="" />` setting, add the following setting:

```
<!--  MEDIA RESPONSE - VARY HEADER
            Specifies the value for the Vary HTTP header to use in media response
headers.
            Set it to "" to omit this header.
            Default value: ""
        -->
        <setting name="MediaResponse.VaryHeader" value="" />
```

11. After the `<setting name="ViewStateStore" value="Sitecore.Web.UI.Sheer.FileViewStateStore,Sitecore.Kernel" />` setting, add the following setting:

```
<!--  WEB EDIT JQuery UI STYLESHEET
            The stylesheet to include in the page editor in WebEdit mode.
            Default value:
/sitecore/shell/Controls/Lib/jQuery/jQueryUI/1.10.3/smoothness/jquery-ui-1.10.3.min.css
        -->
        <setting name="WebEdit.JQueryUIStylesheet"
value="/sitecore/shell/Controls/Lib/jQuery/jQueryUI/1.10.3/smoothness/jquery-ui-
1.10.3.min.css" />
```

12. At the end of the `<settings>` section, add the following node:

```
<!--  HOST NAME VALIDATION
            Regular expression for validating Host Name
        -->
        <setting name="HostNameValidationPattern" value="^([a-zA-Z0-9]+)([a-zA-Z0-9-
.]*)([a-zA-Z0-9]+)$" />
```

13. In the `<modules>` section, after the `<add type="Sitecore.Web.HttpModule,Sitecore.Kernel" name="SitecoreHttpModuleExtensions" />` node, add the following module:

```
<add type="Sitecore.Web.HttpModuleDisabler, Sitecore.Kernel"
name="SitecoreHttpModuleDisabler" />
```

1.1.2 Changes to FieldTypes.config

1. After the `<fieldType name="Name Value List" type="Sitecore.Data.Fields.NameValueListField, Sitecore.Kernel" />` node, add the following node:

```
<fieldType name="Name Lookup Value List"
type="Sitecore.Data.Fields.NameValueListField, Sitecore.Kernel" />
```

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

1. Change the following node:

```
<processor type="Sitecore.Analytics.Pipelines.CreateVisits.XForwardedFor,
Sitecore.Analytics" />
```

To:

```
<processor type="Sitecore.Analytics.Pipelines.CreateVisits.XForwardedFor,
Sitecore.Analytics">
        <HeaderIpIndex>0</HeaderIpIndex>
      </processor>
```

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

1. After the `<publish>` pipeline, add the following node:

```
<publishItem>
        <processor
patch:after="processor[@type='Sitecore.Publishing.Pipelines.PublishItem.DetermineAction,
Sitecore.Kernel']"
type="Sitecore.Buckets.Pipelines.PublishItem.ProcessActionForBucketStructure,
Sitecore.Buckets" />
        </publishItem>
```

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

1. In the beginning of the `<settings>` section, add:

```
<!-- CONTENT SEARCH – ANALYTICS - DEFAULT LANGUAGE
        Defines the default language that is used for indexing and searching
analytics data.
      -->
      <setting name="ContentSearch.Analytics.DefaultLanguage" value="en"/>
```

1.1.6 Changes to App_Config\Include\Sitecore.ContentSearch.config

1. Change the `<event name="indexing:start" />` node

To:

```
<event name="indexing:start">
        <handler type="Sitecore.ContentSearch.Events.IndexingEventHandler,
Sitecore.ContentSearch" method="IndexingStartedHandler" />
      </event>
```

2. At the end of the `<event name="indexing:end">` section, add:

```
<handler type="Sitecore.ContentSearch.Events.IndexingEventHandler,
Sitecore.ContentSearch" method="IndexingEndedHandler" />
```

3. After the `"ContentSearch.Indexing.DisableDatabaseCaches"` setting, add the following node:

```
<!-- INDEX UPDATE BATCH SIZE
        Determines the amount of items that should be processed during the index
update within a batch.
        Default value: 300
      -->
```

```
<setting name="ContentSearch.IndexUpdate.BatchSize" value="300" />
```

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

1. In the beginning of the `<contentSearch>` section, add the following section:

```
<!-- REINDEX ON PUBLISH END SINGLE INSTANCE
                This strategy is triggered on publish:end and uses the EventQueue to
incrementally rebuild the index. The strategy contains all indexes which belong to it.
                -->
            <onPublishEndAsyncSingleInstance
type="Sitecore.ContentSearch.Maintenance.Strategies.OnPublishEndAsynchronousSingleInstanceStra
tegy, Sitecore.ContentSearch" singleInstance="true">
                <param desc="database">web</param>
                <!-- Whether or not a full index rebuild should be triggered when the number
of items in the EventQueue exceeds the number specified
                in ContentSearch.FullRebuildItemCountThreshold. -->
                <CheckForThreshold>true</CheckForThreshold>
            </onPublishEndAsyncSingleInstance>
```

2. In the beginning of the `<fieldReaders>` section, add the following node:

```
<param desc="id">defaultFieldReaderMap</param>
```

1.1.8 Changes to App_Config\Include\Sitecore.ContentSearch.Lucene.Index.Web.config

1. Replace the `<policy type="Sitecore.ContentSearch.TimeIntervalCommitPolicy, Sitecore.ContentSearch" />` node, with the following node:

```
<policy type="Sitecore.ContentSearch.ModificationCountCommitPolicy,
Sitecore.ContentSearch">
                    <Limit>300</Limit>
                </policy>
```

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

1. In the beginning of the `<fieldReaders>` section, add the following node:

```
<param desc="id">defaultFieldReaderMap</param>
```

1.1.10 Changes to App_Config\Include\Sitecore.ExperienceEditor.config

1. At the end of the `<httpRequestBegin>` pipeline, add:

```
        <processor
type="Sitecore.ExperienceEditor.Pipelines.HttpRequest.ResolveContentLanguage,
Sitecore.ExperienceEditor"
patch:after="processor[@type='Sitecore.Pipelines.HttpRequest.ItemResolver, Sitecore.Kernel']"
/>
```

2. At the end of the `<getPageEditorNotifications>` pipeline, add:

```
        <processor
type="Sitecore.Pipelines.GetPageEditorNotifications.GetLockingNotification,
Sitecore.ExperienceEditor" />
        <processor
type="Sitecore.Pipelines.GetPageEditorNotifications.GetWriteAccessDeniedNotification,
Sitecore.ExperienceEditor" />
```

3. After the "`WebEdit.ContentEditorStylesheet`" setting, add the following node:

```
<!--  WEB EDIT JQuery UI STYLESHEET
              The stylesheet to include in the page editor in WebEdit mode.
              Default value:
/sitecore/shell/Controls/Lib/jQuery/jQueryUI/1.10.3/smoothness/jquery-ui-1.10.3.min.css
          -->
        <setting name="WebEdit.JQueryUIStylesheet"
value="/sitecore/shell/Controls/Lib/jQuery/jQueryUI/1.10.3/smoothness/jquery-ui-
1.10.3.min.css"/>
```

4. After the "`webedit:open`" command, add the following node:

```
<command name="webedit:openexperienceeditor"
type="Sitecore.Shell.Applications.WebEdit.Commands.OpenExperienceEditor,
Sitecore.ExperienceEditor" />
```

1.1.11 Changes to App_Config\Include\SwitchMasterToWeb.config.example

1. Remove the following node:

```
<index id="sitecore list index">
          <patch:delete/>
        </index>
```

1.1.12 Changes to App_Config\Include\ContentTesting\Sitecore.ContentTesting.config

1. After the "`ContentTesting.PhantomJS.ExecutablePath`" setting, add the following node:

```
<!-- CONTENT TESTING - PHANTOM JS - IGNORE SSL ERRORS
          Determines whether the PhantomJS tool should ignore errors with SSL when
accessing resources.
          Default value: true
      -->
      <setting name="ContentTesting.PhantomJS.IgnoreSSLErrors" value="true"/>
```

2. After the "`ContentTesting.PhantomJS.LockNavigation`" setting, add the following node:

```
<!-- CONTENT TESTING - PHANTOM JS - SSL PROTOCOL
          The SSL protocol to instruct the PhantomJS tool to use for SSL resources.
          Must be one of ( SSLv3 | SSLv2 | TLSv1 | any )
          Default value: any
      -->
      <setting name="ContentTesting.PhantomJS.SSLProtocol" value ="any"/>
```

3. After the "`ContentTesting.PhantomJS.Timeout`" setting, add the following nodes:

```
<!-- CONTENT TESTING - SUGGESTED TEST INDEX NAME
          The default suggested test index name.
          Default value: sitecore suggested test index
      -->
      <setting name="ContentTesting.SuggestedTestIndexName"
value="sitecore suggested test index"/>

      <!-- CONTENT TESTING - SUGGESTED TESTS - MAXIMUM
          The maximum number of suggested tests to show.
          Default value: 50
      -->
      <setting name="ContentTesting.SuggestedTests.Maximum" value ="50"/>
```

4. Remove the following setting:

```
<!-- CONTENT TESTING - SUGGESTED TEST INDEX NAME
          The default suggested test index name.
          Default value: sitecore suggested test index
      -->
      <setting name="ContentTesting.SuggestedTestIndexName"
value="sitecore_suggested_test_index"/>
```

5. After the `<event name="publish:end">` node, add the following node:

```
<event name="publish:end:remote">
```

```
        <handler type="Sitecore.ContentTesting.Events.ActiveTestCacheClearer,
Sitecore.ContentTesting" method="Process"/>
        </event>
```

6. In the `<settings>` section, add the following node:

```
    <!-- CONTENT TESTING - COMMAND ROUTE PREFIX MVC
            The prefix used for controller routes for mvc controllers.
            Default value: sitecore/shell/api/ct/mvc
        -->
    <setting name="ContentTesting.CommandRoutePrefix.Mvc" value="sitecore/shell/ct/" />
```

1.1.13 Changes to App_Config\Include\ListManagement\Sitecore.ListManagement.config

1. Before the `<pipelines>` section, add the following node:

```
    <!-- HOOKS -->
        <hooks>
          <hook
type="Sitecore.ListManagement.Analytics.Hooks.UnlockContactListsAgentLoader,
Sitecore.ListManagement.Analytics">
            <param name="agent"
type="Sitecore.ListManagement.Analytics.UnlockContactListsAgent,
Sitecore.ListManagement.Analytics">
              <param name="listManager" ref="contactListManager" />
              <param name="mapper"
type="Sitecore.ListManagement.ContentSearch.BatchIdMapper,
Sitecore.ListManagement.ContentSearch" />
              <param name="operationManager"
type="Sitecore.Analytics.Data.Bulk.Contact.ContactBulkUpdateManager, Sitecore.Analytics" />
            </param>
            <param name="interval">00:00:10</param>
          </hook>
        </hooks>
```

2. In the beginning of "`Sitecore.ListManagement.ContentSearch.Pipelines.AssociateContact.AssociateContacts`" processor, add the following node:

```
    <ContactRepository ref="contactRepository" />
```

3. Remove the `<scheduling>` section.

4. In the beginning of the "`Sitecore.ListManagement.ContentSearch.Pipelines.RemoveContactAssociations.RemoveAssociationsFromIndex`" processor, add the following node:

```
    <ContactRepository ref="contactRepository"
```

1.1.14 Changes to App_Config\Include\ListManagement\Sitecore.ListManagement.Services.config

1. In the beginning of the `<sitecore>` section, remove the following node:

```
    <!-- PIPELINES -->
        <pipelines>
          <initialize>
            <processor
type="Sitecore.ListManagement.Services.Pipelines.Initialize.RegisterHttpRoutes,
Sitecore.ListManagement.Services" />
          </initialize>
        </pipelines>
```

1.1.15 Changes to App_Config\Include\XdbCloud\Sitecore.ContentSearch.Cloud.Index.Analytics.config.disabled

1. Replace the `<fieldReaders ref="contentSearch/indexConfigurations/defaultLuceneIndexConfiguration/fieldReaders">` section, with:

```
        <fieldReaders
ref="contentSearch/indexConfigurations/defaultCloudIndexConfiguration/fieldReaders">
```

1.1.16 Changes to App_Config\Include\Sitecore.ExperienceEditor.Speak.Requests.config

1. In the `<request name="ExperienceEditor.Save.HasWritePermission"…>` node, add the following note:

```
        <!-- NOTE: This request is obsolete and will be removed in the next product
version. -->
```

1.1.17 Changes to App_Config\Include\Sitecore.ExperienceExplorer.config

1. In the following note, change "MAXMIND" to "GeoIp Service":

```
        <!--  EXPERIENCE EXPLORER TESTING IP
           The IP used for testing MAXMIND Connectivity
           Default value: 195.184.101.134
        -->
```