Configuration File Changes

Sitecore Experience Platform 8.2 Initial release

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Table of Contents

Chapter 1

New Configuration Files

This document describes the configuration file changes that were made in the Sitecore Experience Platform (Sitecore XP) between the Sitecore 8.1 rev. 160519 (Update-3) release and the Sitecore 8.2 initial release.

This document lists the new configuration files that were added as well as the changes that were made to the existing configuration files. It also describes why some of these changes were implemented.

This chapter contains the following section:

- New Configuration Files

- Renamed Configuration Files

1.1 New Configuration Files

The following configuration files were added in Sitecore 8.2:

Content Foundation

- `CacheContainers.config.example`

  You can now configure custom cache containers. This example shows how to configure custom Cache Containers.

- `Sitecore.config.Oracle`

  SXP 8.2 supports Oracle.

- `SwitchingManagers.config.example`

  The example shows how to configure *Switching Managers* for the *Archive* table in each content database. Use it when you need to configure the *Archive* tables of the *Core* and *Master* databases to be processed by SQL server or when you need the *Web* database to be processed by Oracle.

Marketing Foundation

- `Sitecore.Analytics.FieldTypes.config`

- `Sitecore.EngagementAutomation.config`

- `Sitecore.EngagementAutomation.Processing.Aggregation.config`

- `Sitecore.EngagementAutomation.Processing.Aggregation.ProcessingPools.config`

- `Sitecore.EngagementAutomation.Processing.Aggregation.Services.config`

- `Sitecore.EngagementAutomation.Processing.config`

- `Sitecore.EngagementAutomation.Tracking.config`

- `Sitecore.Marketing.Taxonomy.config`

- `Sitecore.Marketing.TaxonomyCD.config.disabled`

Lucene

- `Sitecore.ContentSearch.Lucene.DefaultIndexConfiguration.Xdb.config`

Solr

- `Sitecore.ContentSearch.Solr.DefaultIndexConfiguration.Xdb.config.example`

- `Sitecore.ContentSearch.SolrCloud.SwitchOnRebuild.config.example`

  This example shows how to use the *Switch on rebuild* feature with SolrCloud. The example contains patches for 3 default indexes.

Configuration File Changes

1.2 Renamed Configuration Files

The following configuration files were renamed:

Marketing Foundation

- `Sitecore.Analytics.MarketingTaxonomy.config`

  was renamed:

  `Sitecore.Marketing.Taxonomy.config`

- `Sitecore.Analytics.MarketingTaxonomyCD.config.disabled`

  was renamed:

  `Sitecore.Marketing.TaxonomyCD.config.disabled`

- `Sitecore.Analytics.Automation.TimeoutProcessing.config`

  was renamed:

  `Sitecore.EngagementAutomation. TimeoutProcessing.config`

Chapter 2

Configuration File Changes

The following changes have been made to existing configuration files in Sitecore 8.2 Initial release.

This chapter contains the following sections:

- Content Foundation
- Marketing Foundation
- Path Analyzer

Configuration File Changes

2.1 Content Foundation

2.1.1 Sitecore.Buckets.config

Added

- The `<getRenderingDatasource>` section was added as a part of the fix for 95758, 428783: *Select the Associated Content dialog doesn't respect Datasource Template field*.
- The `<hook>` section was added as part of the item bucket improvements.

Removed

- The `singleInstance` and `type` attributes have been removed from the database declaration to support changes in the `Database` class related to the implementation of Dependency Injection implementation and abstractions.

2.1.2 Sitecore.config

Added

- The `PlaceholderCacheManager` handler definition was added to multiple events as a part of the Dependency Injection implementation and abstractions.
- The following setting was added to give better control of `PathCache`. Sitecore recommends that you turn this setting on for solutions with multiple rename, copy, delete, and move item operations

  ```
  <setting name="Caching.CacheKeyIndexingEnabled.PathCache" value="false" />
  ```

Removed

- The following processors were associated with deprecated functionality that were completely removed in this release.

  ```
  <processor type="Sitecore.Pipelines.Loader.ShowHistory, Sitecore.Kernel" />
  <processor type="Sitecore.Pipelines.InitializeManagers.InitializeSearchManager,
  Sitecore.Kernel" />


  <processor type="Sitecore.Pipelines.Search.SearchSystemIndex, Sitecore.Kernel" />
  ```

- The following sections were associated with deprecated functionality that was completely removed in this release.

  ```
  <configuration type="Sitecore.Search.SearchConfiguration, Sitecore.Kernel"
  singleInstance="true">


  <setting name="Indexing.DisableDatabaseCaches" value="false" />, <setting
  name="Indexing.UpdateInterval" value="00:05:00" />,


  <setting name="Indexing.UpdateJobThrottle" value="00:00:01" />,


  <setting name="Indexing.ServerSpecificProperties" value="true" />
  ```

Changed

- The `Type` attribute in the database declaration was changed to `"Sitecore.Data.DefaultDatabase, Sitecore.Kernel"` to support changes in the `Database` class related to Dependency Injection implementation and abstractions.

- The `<itemManager>` defaultProvider attribute and the `<itemManager>` section was changed to reflect Dependency Injection and abstractions support.

- The `<setting name="Preview.ResolveSite" value="true" />` setting was changed to `true` by default according to wishes 96808, and 452689.

- The list of pages that should not be tracked by analytics was added to the `<tracking>` section.

- The `<serviceProviderBuilder type="Sitecore.DependencyInjection.DefaultServiceProviderBuilder, Sitecore.Kernel"/>` section was added to support Dependency Injection.

2.1.3   `Sitecore.ContentSearch.config`

Added

- The `<getQueryState>` section was added to optimize the ContentSearch configuration.

- The `<contentSearch.excludeChildren>` pipeline was added to support a new feature: the ability to exclude children of an item from being indexed. The feature allows you to skip the indexing children of a certain template in a certain index.

- The `<setting name="ContentSearch.Enabled" value="true"/>` setting was added to allow you to disable Content Search.

Removed

- The following processor:

```
<processor
type="Sitecore.ContentSearch.Pipelines.TranslateQuery.AnalyticsContextResolver,
Sitecore.ContentSearch" />
```

  was moved to `Sitecore.ContentSearch.Analytics.config` to optimize the ContentSearch configuration.

2.1.4   `Sitecore.ContentSearch.Analytics.config`

Added

- The following processor:

```
<processor
type="Sitecore.ContentSearch.Pipelines.TranslateQuery.AnalyticsContextResolver,
Sitecore.ContentSearch" />
```

  was moved from `Sitecore.ContentSearch.config` to optimize the ContentSearch configuration.

2.1.5   `Sitecore.ContentSearch.Solr.DefaultIndexConfiguration.config.example`

Added

- The `<initialize>` pipeline was added to allow you to configure Solr without patching the `Global.aspx`.

- The `<scheduling>` section was added as part of 95485, 423756: *Add SolrCloud support*

- The `<setting name="ContentSearch.Solr.ConnectionTimeout" value="-1" />` setting was added as part of the fix for issues 94842 and 405677: *Optimize command timeout prevents swapping cores of SwitchOnRebuild index.*

  This setting controls the timeout interval for the Solr server connection in milliseconds. A value of -1 (minus one) means that the default SolrNet timeout interval is used. Default value: -1

- The `<setting name="ContentSearch.Solr.Connection.ConnectionRecoveryStrategy" value="InitialFail" />` setting was added as part of 95485, 423756: *Add SolrCloud support.*

  The setting sets the recovery strategy when a Solr connection is established.

  The options are:

  `Always` - Sitecore is shut down every time a Solr connection is re-established.

  `InitialFail` - Sitecore is only shut down if no Solr connection was available when the application started.

  `Off` - Sitecore is not shut down.

  A Solr connection cannot be initialized if no Solr connection was available when the application started.

2.1.6   `Commands.config`

Removed

- The following command was associated with deprecated functionality which was completely removed in this release.

```
<command name="system:rebuildsearchindex"
type="Sitecore.Shell.Framework.Commands.System.RebuildSearchIndex,Sitecore.Kernel"/>
```

2.1.7   `Sitecore.ContentSearch.Lucene.DefaultIndexConfiguration.config`

Changed

- Some files got an analyzer declaration as part of the 94653, 402185: *The usage of the Lucene.Net.Analysis.AR.ArabicAnalyzer class leads to incorrect indexing of the ar-AE language.*

- `Sitecore.WebDAV.config`

  The setting for a WebDav license path was changed.

2.1.8   `Web.config`

Changed

- New bindings have been added to support .Net 4.5.2.

2.2 Marketing Foundation

The following configuration files have been modified as part of the Sitecore 8.2 initial release:

2.2.1   FieldTypes.config

Added

- A new developer field type "Tracking" was added.

2.2.2   Portraits.config

Changed

- Portraits were changed as part of the visual design improvements.

2.2.3   Sitecore.Analytics.config

Added

- In the `<commands>` section, the following commands were added:

```
<command name="analytics:reports"
type="Sitecore.Shell.Applications.Analytics.ReportRunner.OpenAnalyticsReports,Sitecore
.Xdb.Client"/>
<command name="analytics:status"
type="Sitecore.Shell.Applications.Analytics.Status.Status,Sitecore.Xdb.Client"/>
<command name="item:personalizeprofile"
type="Sitecore.Shell.Framework.Commands.SetProfileValue,Sitecore.Kernel" />
<command name="dashboard:opensinglecampaign"
type="Sitecore.Shell.Framework.Commands.Dashboard.OpenSingleCampaign,Sitecore.Xdb.Clie
nt" />
<command name="device:settestdetails"
type="Sitecore.Analytics.Shell.Applications.Layouts.DeviceSetTestDetails,
Sitecore.Analytics" />
```

- In the `<pipelines>` section, the following pipelines were added:

```
<getItemPersonalizationVisibility>
  <processor
type="Sitecore.Analytics.Pipelines.GetItemPersonalizationVisibility.CheckUserSettings,
Sitecore.Analytics"/>
  <processor
type="Sitecore.Analytics.Pipelines.GetItemPersonalizationVisibility.CheckSectionAvaila
bility, Sitecore.Analytics"/>
</getItemPersonalizationVisibility>


<renderContentEditorHeader>
  <processor
type="Sitecore.Shell.Applications.ContentEditor.Pipelines.RenderContentEditorHeader.Ad
dProfileCards, Sitecore.Xdb.Client"
patch:after="processor[@type='Sitecore.Shell.Applications.ContentEditor.Pipelines.Rend
erContentEditorHeader.AddTitle, Sitecore.Client']"/>
</renderContentEditorHeader>
```

- In the `<group name="marketingDefinitions"`
  `groupName="marketingDefinitions">` pipeline section, the following pipeline was added:

```
<deleteFunnel>
  <processor
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.Pipelines.DeleteDefinition
.RemoveFromRepository`1[[Sitecore.Marketing.Definitions.Funnels.Data.FunnelDefinitionR
ecord, Sitecore.Marketing]], Sitecore.Analytics">
    <param desc="repository"
ref="marketingDefinitions/funnel/repositories/$(marketingDefinitions.deploymentManager
.targetRepository)" />
```

```
      </processor>
</deleteFunnel>
```

- In the `<marketingDefinitions>` node, after the `<campaign>` node, the following node was added:

```xml
<funnel definitionInterface="Sitecore.Marketing.Definitions.Funnels.IFunnelDefinition,
Sitecore.Marketing">
  <definitionManager
type="Sitecore.Marketing.Definitions.Funnels.FunnelDefinitionManager,
Sitecore.Marketing" singleInstance="true">
    <config>
      <activationFeed>
        <observer
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.Observers.SaveDefinitionTo
RepositoryObserver`1[[Sitecore.Marketing.Definitions.Funnels.IFunnelDefinition,
Sitecore.Marketing]], Sitecore.Analytics">
          <param desc="repositoryName"
ref="marketingDefinitions/deploymentManagerTargetRepository" />
        </observer>
      </activationFeed>
    </config>
  </definitionManager>
  <repositories>
    <rdb
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.RdbFunnelDefinitionReposit
ory, Sitecore.Analytics" singleInstance="true">
      <param desc="connectionStringName">reporting</param>
      <param desc="cache"
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.RdbCache.DefinitionCache`1
[[Sitecore.Marketing.Definitions.Funnels.Data.FunnelDefinitionRecord,
Sitecore.Marketing]], Sitecore.Analytics">
        <param desc="name">marketing.rdb.funnel</param>
        <param desc="maxSize" ref="marketingDefinitions/rdbCacheSize" />
        <param desc="expirationInSeconds"
ref="marketingDefinitions/rdbCacheExpirationInSeconds" />
      </param>
      <param desc="availableCulturesCache"
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.RdbCache.Cache`2[[Sitecore
.Data.ID,
Sitecore.Kernel],[System.Collections.Generic.IReadOnlyList`1[[System.Globalization.Cul
tureInfo]]]], Sitecore.Analytics">
        <param desc="name">marketing.rdb.funnel.cultures</param>
        <param desc="maxSize" ref="marketingDefinitions/rdbCacheSize" />
        <param desc="expirationInSeconds"
ref="marketingDefinitions/rdbCacheExpirationInSeconds" />
      </param>
    </rdb>
  </repositories>
</funnel>
```

Removed

The following sections have been removed:

- In the `<settings>` section, the following setting was removed:

```xml
<!--  ANALYTICS AUTOMATION ENGAGEMENT PLAN CACHE EXPIRATION
      When Sitecore counts automation states in a plan the aggregated results are
cached for better performance.
      The number of milliseconds before the cache expires.
      Default: 2000
-->
<setting name="Analytics.Automation.EngagementPlanCacheExpiration" value="2000" />
```

- In the `<sitecore>` section, the following sections were removed:

```xml
<automation>
  <!-- Provides information about the structure and settings on the automation plans
and states to the EAS functions. -->
  <metadataProvider
type="Sitecore.Analytics.Automation.Data.Items.SitecoreItemsAutomationMetadataProvider
,Sitecore.Analytics.Automation" singleInstance="true" />
```

```
  <mergeStrategy
type="Sitecore.Analytics.Automation.Data.DefaultAutomationStatesMergeStrategy,
Sitecore.Analytics.Automation" />
</automation>


<automationManager defaultProvider="default">
  <providers>
    <clear/>
    <add name="default"
type="Sitecore.Analytics.Automation.Data.MongoDbAutomationProvider,
Sitecore.Analytics.Automation.MongoDB">
      <param desc="connectionStringName">analytics</param>
    </add>
  </providers>
</automationManager>
```

- In the `<commands>` section, the following command was removed:

```
<command name="analytics:openprofiles"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenProfiles,Sitecore.Client
"/>
```

- In the `<events>` section, the following event was removed:

```
<event name="item:deleted">
  <!--handler type="Sitecore.Analytics.Automation.Data.Items.ItemEventHandler,
Sitecore.Analytics.Automation" method="OnAutomationStateChanged"/-->
</event>
```

- In the `<pipelines>` section, the following pipelines were removed:

```
<automation>
  <processor
type="Sitecore.Analytics.Pipelines.Automation.GetAutomationStateItem,Sitecore.Analytic
s.Automation" />
  <processor
type="Sitecore.Analytics.Pipelines.Automation.LastAccessedDateTime,Sitecore.Analytics.
Automation" />
  <processor
type="Sitecore.Analytics.Automation.Pipelines.Automation.ProcessCommands,Sitecore.Anal
ytics.Automation" />
  <processor
type="Sitecore.Analytics.Pipelines.Automation.SetNextWakeUpTime,Sitecore.Analytics.Aut
omation" />
</automation>


<processEmailMessage>
  <processor
type="Sitecore.Analytics.Automation.Pipelines.PrepareEmail.ProcessEmailMessage,
Sitecore.Analytics.Automation" method="AddHostToItemLink"/>
  <processor
type="Sitecore.Analytics.Automation.Pipelines.PrepareEmail.ProcessEmailMessage,
Sitecore.Analytics.Automation" method="AddHostToMediaItem"/>
  <processor
type="Sitecore.Analytics.Automation.Pipelines.PrepareEmail.ProcessEmailMessage,
Sitecore.Analytics.Automation" method="SendEmail"/>
</processEmailMessage>
```

- In the `<getContentEditorWarnings>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Pipelines.GetContentEditorWarnings.IsEngagementPlanDeployed,
Sitecore.Analytics"
patch:after="processor[@type='Sitecore.Pipelines.GetContentEditorWarnings.HasNoFields,
Sitecore.Kernel']"/>
```

- In the `<mergeContacts>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Automation.Pipelines.MergeContacts.MergeAutomationStates,Site
core.Analytics.Automation">
  <SessionContextManager ref="tracking/sessionContextManager"></SessionContextManager>
</processor>
```

Configuration File Changes

- In the `<postContactObsoletion>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Automation.Pipelines.PostContactObsoletion.RemoveAutomationSt
ates, Sitecore.Analytics.Automation"/>
```

- In the `<submitContact>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Automation.Pipelines.SubmitContact.SaveAutomationRecords,
Sitecore.Analytics.Automation" />
```

- In the `<triggerCampaign>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.TriggerCampaign.RunAutomation,
Sitecore.Analytics.Automation"/>
```

- In the `<visitEnd>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Pipelines.VisitEnd.RunAutomation,Sitecore.Analytics.Automatio
n"/>
```

Changed

The following sections have been changed:

- In the `<commands>` section, the following commands were changed:

```
<command name="analytics:authoringfeedback"
type="Sitecore.Shell.Applications.Analytics.AuthoringFeedback.AuthoringFeedback,Siteco
re.Client"/>
```

was changed to:

```
<command name="analytics:authoringfeedback"
type="Sitecore.Shell.Applications.Analytics.AuthoringFeedback.AuthoringFeedback,Siteco
re.Xdb.Client"/>
```

```
<command name="analytics:emailreport"
type="Sitecore.Shell.Applications.Analytics.ReportRunner.EmailReport,Sitecore.Client"/
>
```

was changed to:

```
<command name="analytics:emailreport"
type="Sitecore.Shell.Applications.Analytics.ReportRunner.EmailReport,Sitecore.Xdb.Clie
nt"/>
```

```
<command name="analytics:opengoals"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenGoals,Sitecore.Client"/>
```

was changed to:

```
<command name="analytics:opengoals"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenGoals,Sitecore.Xdb.Clien
t"/>
```

```
<command name="analytics:opentrackingfield"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenTrackingField,Sitecore.C
lient"/>
```

was changed to:

```
<command name="analytics:opentrackingfield"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenTrackingField,Sitecore.X
db.Client"/>
```

```
<command name="analytics:viewtrackingdetails"
type="Sitecore.Shell.Applications.Analytics.TrackingField.ViewTrackingDetails,Sitecore
.Client"/>
```

was changed to:

```
<command name="analytics:viewtrackingdetails"
type="Sitecore.Shell.Applications.Analytics.TrackingField.ViewTrackingDetails,Sitecore
.Xdb.Client"/>
```

```
<command name="marketingtaxonomy:deploy"
type="Sitecore.Shell.Applications.Analytics.Reporting.Taxonomies.Deploy,
Sitecore.Client" />
```

was changed to:

```
<command name="marketingtaxonomy:deploy"
type="Sitecore.Shell.Applications.Analytics.Reporting.Taxonomies.Deploy,
Sitecore.Xdb.Client" />
```

2.2.4   `Sitecore.ContentSearch.config`

Removed

- In the `<contentSearch.translateQuery>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.ContentSearch.Pipelines.TranslateQuery.AnalyticsContextResolver,
Sitecore.ContentSearch" />
```

2.2.5   `Sitecore.ContentSearch.Analytics .config`

Added

- In the `<pipelines>` section, the following pipeline was added:

```
<contentSearch.translateQuery>
  <processor
type="Sitecore.ContentSearch.Analytics.Pipelines.TranslateQuery.AnalyticsContextResolv
er, Sitecore.ContentSearch.Analytics"
patch:before="*[@type='Sitecore.ContentSearch.Pipelines.TranslateQuery.ApplySitecoreCo
ntextResolvers, Sitecore.ContentSearch']"/>
</contentSearch.translateQuery>
```

2.2.6   `Sitecore.Analytics.Processing.Aggregation.config`

Removed

- In the `<aggregation><aggregationContexts>` section, the following node was removed:

```
<automation>
  <live
type="Sitecore.Analytics.Automation.Aggregation.Data.AutomationAggregationContext">
    <ReportingTargets hint="list:AddReportingTarget">
      <primary ref="aggregation/reportingStorageProviders/primary" />
      <secondary ref="aggregation/reportingStorageProviders/secondary.live" />
    </ReportingTargets>
  </live>
  <history
type="Sitecore.Analytics.Automation.Aggregation.Data.AutomationAggregationContext">
    <ReportingTargets hint="list:AddReportingTarget">
      <secondary ref="aggregation/reportingStorageProviders/secondary.history" />
    </ReportingTargets>
  </history>
```

```
</automation>
```

- In the
  `<aggregation><reportingStorageManager><HistoryAggregatorManagers>`
  section, the following node was removed:

```
<automation
type="Sitecore.Analytics.Automation.Aggregation.Data.Processing.AutomationHistoryAggre
gatorManager" singleInstance="true">
  <TaskManager ref="processing/taskManager" />
</automation>
```

- In the `<group groupName="analytics.aggregation">` section, the following pipeline was
  removed:

```
<automationStates>
  <processor
type="Sitecore.Analytics.Automation.Aggregation.Pipelines.AutomationStates.AutomationS
tateAggregationProcessor, Sitecore.Analytics.Automation.Aggregation" />
</automationStates>
```

2.2.7 `Sitecore.Analytics.Processing.Aggregation.ProcessingPools.config`

Removed

The `<pipelines>` section was removed.

Changed

- In the `<aggregationProcessing>` section, the
  `<maxItemErrorCount>10</maxItemErrorCount>` node was replaced with:

```
<retryAttempts>10</retryAttempts>
<retryDelay>60</retryDelay>
```

- In the `<aggregationProcessing><processingPools><live>` section, the
  `<MaxItemErrorCount ref="aggregationProcessing/maxItemErrorCount"/>`
  node was replaced with:

```
<RetryAttempts ref="aggregationProcessing/retryAttempts" />
<RetryDelay ref="aggregationProcessing/retryDelay" />
```

- In the `<aggregationProcessing><processingPools><history>` section, the
  `<MaxItemErrorCount ref="aggregationProcessing/maxItemErrorCount"/>`
  node was replaced with:

```
<RetryAttempts ref="aggregationProcessing/retryAttempts" />
<RetryDelay ref="aggregationProcessing/retryDelay" />
```

- In the `<aggregationProcessing><processingPools><contact>` section, the
  `<MaxItemErrorCount ref="aggregationProcessing/maxItemErrorCount"/>`
  node was replaced with:

```
<RetryAttempts ref="aggregationProcessing/retryAttempts" />
<RetryDelay ref="aggregationProcessing/retryDelay" />
```

2.2.8 `Sitecore.Analytics.Processing.Aggregation.Services.config`

Removed

- In the `<aggregation>` section, the following node was removed:

```
<!-- Automation Aggregation Subsystem: -->
<automationAggregationSubsystem type="Sitecore.Analytics.Core.Subsystem"
singleInstance="true">
  <BackgroundServices hint="list:Add">
    <aggregator type="Sitecore.Analytics.Core.BackgroundService">
      <param desc="agentName">aggregation/automationAggregator</param>
```

```
      <Interval>0.00:00:15</Interval>
      <MaxThreads>3</MaxThreads>
    </aggregator>
    <rangeManager type="Sitecore.Analytics.Core.BackgroundService">
      <param desc="agentName">aggregation/automationRangeManager</param>
      <Interval>0.00:00:15</Interval>
      <MaxThreads>1</MaxThreads>
    </rangeManager>
    <cleanup type="Sitecore.Analytics.Core.BackgroundService">
      <param desc="agentName">aggregation/automationCleanupService</param>
      <Interval>0.00:00:15</Interval>
      <MaxThreads>1</MaxThreads>
    </cleanup>
  </BackgroundServices>
</automationAggregationSubsystem>
```

- In the `<aggregation>` section, the following node was removed:

```
<!-- Configure the automation live aggregator agent: -->
<automationAggregator
type="Sitecore.Analytics.Automation.Aggregation.Data.Processing.AggregatorAgent,
Sitecore.Analytics.Automation.Aggregation">
  <Dispatcher ref="aggregation/dispatchers/automationWorkDispatcher"/>
</automationAggregator>
```

- In the `<aggregation>` section, the following node was removed:

```
<!-- Configure the automation live aggregator agent: -->
<automationCleanupService
type="Sitecore.Analytics.Automation.Aggregation.Data.Processing.CleanupAgent,
Sitecore.Analytics.Automation.Aggregation">
  <Context ref="aggregation/aggregationContexts/automation/live"/>
</automationCleanupService>
```

- In the `<aggregation>` section, the following node was removed:

```
<!-- Configure the automation live aggregator agent: -->
<automationRangeManager
type="Sitecore.Analytics.Automation.Aggregation.Data.Processing.RangeManagerAgent,
Sitecore.Analytics.Automation.Aggregation">
  <RangeLength>0.00:00:30</RangeLength>
</automationRangeManager>
```

- In the `<aggregation>` section, the following node was removed:

```
<!-- Configure the processing pool clean agent: -->
<!-- WARNING: This agent is obsolete and will be removed in a future version -->
<cleanup
type="Sitecore.Analytics.Aggregation.Data.Processing.AggregationProcessingPoolCleanupA
gent, Sitecore.Analytics.Aggregation">
  <Dispatcher ref="aggregation/dispatchers/interactionWorkDispatcher"/>
</cleanup>
```

- In the `<dispatchers>` section, the following node was removed:

```
<automationWorkDispatcher
type="Sitecore.Analytics.Automation.Aggregation.AutomationWorkDispatcher,
Sitecore.Analytics.Automation.Aggregation">
  <param desc="leaseDuration">0.00:00:15</param>
  <param desc="minimumRangeSize">10</param>
  <Context ref="aggregation/aggregationContexts/automation/live"/>
</automationWorkDispatcher>
```

- In the `<module type="Sitecore.Analytics.Aggregation.AggregationModule"` …> section, the following nodes were removed:

```
<cleanup type="Sitecore.Analytics.Core.BackgroundService">
  <param desc="agentName">aggregation/cleanup</param>
  <Interval>0.00:00:15</Interval>
  <MaxThreads>1</MaxThreads>
</cleanup>
<recovery type="Sitecore.Analytics.Core.BackgroundService">
  <param desc="agentName">aggregation/recovery</param>
  <Interval>0.00:00:15</Interval>
  <MaxThreads>1</MaxThreads>
</recovery>
```

- At the end of the `<aggregation>` section, the following node was removed:

```
<!-- Configure the processing pool recovery agent: -->
<!-- WARNING: This agent is obsolete and will be removed in a future version -->
<recovery
type="Sitecore.Analytics.Aggregation.Data.Processing.AggregationProcessingPoolRecovery
Agent, Sitecore.Analytics.Aggregation">
  <Dispatcher ref="aggregation/dispatchers/interactionWorkDispatcher"/>
  <RecoveryTime>60</RecoveryTime>
</recovery>
```

- In the `<hooks>` section, the following hook was removed:

```
<hook type="Sitecore.Analytics.Automation.Aggregation.SubsystemLoader,
Sitecore.Analytics.Automation.Aggregation"/>
```

2.2.9   Sitecore.Analytics.Processing.config

Removed

- In the `<pipelines>` section, the following pipelines were removed:

```
<copyAutomationStates>
  <processor
type="Sitecore.Analytics.Automation.Pipelines.CopyAutomationStates.CopyAutomationState
s, Sitecore.Analytics.Automation" >
    <TaskManager ref="processing/taskManager"/>
  </processor>
</copyAutomationStates>


<updateAutomationStates>
  <processor
type="Sitecore.Analytics.Automation.Pipelines.UpdateAutomationStates.UpdateAutomationS
tates, Sitecore.Analytics.Automation" >
    <TaskManager ref="processing/taskManager"/>
  </processor>
</updateAutomationStates>
```

In the `<sitecore>`section, you should remove `<pipelines>` section if it is empty after these pipelines have been removed.

2.2.10   Sitecore.Analytics.Tracking.Aggregation.config

Removed

- In the `<sitecore>` section, the following node was removed:

```
<automationManager>
  <providers>
    <add name="default">
    </add>
  </providers>
</automationManager>
```

2.2.11   Sitecore.Analytics.Tracking.config

Added

1. In the `<settings>` section, after the `<setting name="Analytics.SuppressTrackingInitializationExceptions">` node the following node was added:

```
<!--  ANALYTICS TRACKING COOKIE LIFETIME
      Specifies the lifetime of the tracking cookie in hours.
      Default: 87600 (10 years)
-->
<setting name="Analytics.CookieLifetime" value="87600" />
```

2. At the end of the `< pipelines>` section, the following pipelines were added:

```
<handlePageNotFound>
  <processor
type="Sitecore.Analytics.Pipelines.HandlePageNotFound.RegisterPageNotFoundProcessor,
Sitecore.Analytics" />
</handlePageNotFound>


<handlePageError>
  <processor
type="Sitecore.Analytics.Pipelines.HandlePageError.RegisterPageErrorProcessor,
Sitecore.Analytics" />
</handlePageError>
```

3. At the end of the `<tracking>` section, the following node was added:

```
<untrackedPages>
</untrackedPages>
```

Removed

- In the `<registerPageEvent>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.RegisterPageEvent.RunAutomatio
n, Sitecore.Analytics.Automation"/>
```

2.2.12 **Sitecore.Marketing.config**

Added

- At the end of the `<marketingDefinitions>` section, the following node was added:

```
<funnel definitionInterface="Sitecore.Marketing.Definitions.Funnels.IFunnelDefinition,
Sitecore.Marketing">
  <definitionManager
type="Sitecore.Marketing.Definitions.Funnels.FunnelDefinitionManager,
Sitecore.Marketing" singleInstance="true">
    <param desc="repository"
ref="marketingDefinitions/funnel/repositories/$(marketingDefinitions.repository)" />
    <param desc="classificationResolver"
type="Sitecore.Marketing.Definitions.DefaultClassificationResolver,
Sitecore.Marketing" />
    <param desc="definitionFieldLabelResolver"
type="Sitecore.Marketing.Definitions.ItemBasedDefinitionFieldLabelResolver,
Sitecore.Marketing">
      <param desc="databaseName" ref="marketingDefinitions/itemRepositoriesDatabase"
/>
    </param>
    <param desc="searchProvider"
ref="marketingDefinitions/funnel/searchProviders/notSupported" />
    <param desc="isReadOnly" type="System.Boolean" factoryMethod="Parse"
arg0="$(marketingDefinitions.isReadOnly)" />
    <config>
      <!--Maps custom classification fields to their correlated custom taxonomy-->
      <customTaxonomyFieldMappings>
      </customTaxonomyFieldMappings>
      <!--Maps known classification fields to their correlated taxonomy-->
      <knownTaxonomyFieldMappings>
      </knownTaxonomyFieldMappings>
      <activationFeed>
        <observer
type="Sitecore.Marketing.Observers.PublishItemObserver`1[[Sitecore.Marketing.Definitio
ns.Funnels.IFunnelDefinition, Sitecore.Marketing]], Sitecore.Marketing">
          <param desc="authoringItemDatabaseName"
ref="marketingDefinitions/itemRepositoriesDatabase" />
        </observer>
      </activationFeed>
    </config>
  </definitionManager>
```

```
    <funnelStepTypeResolver
type="Sitecore.Marketing.Definitions.Funnels.Data.FunnelStepTypeResolver,
Sitecore.Marketing" singleInstance="true"/>

    <mappers>
      <funnelMapper
type="Sitecore.Marketing.Definitions.Funnels.Data.ItemDb.FunnelDefinitionItemReposito
ry+FunnelMapper, Sitecore.Marketing" singleInstance="true">
        <stepTypeResolver ref="marketingDefinitions/funnel/funnelStepTypeResolver" />
      </funnelMapper>
    </mappers>

    <repositories>
      <item
type="Sitecore.Marketing.Definitions.Funnels.Data.ItemDb.FunnelDefinitionItemReposito
ry, Sitecore.Marketing" singleInstance="true">
        <param desc="databaseName" ref="marketingDefinitions/itemRepositoriesDatabase"
/>
        <param desc="assumeActive" type="System.Boolean" factoryMethod="Parse"
arg0="$(marketingDefinitions.repositories.item.assumeActive)" />
        <param desc="funnelMapper"
ref="marketingDefinitions/funnel/mappers/funnelMapper" />
      </item>
    </repositories>
    <searchProviders>
      <notSupported
type="Sitecore.Marketing.Search.NotSupportedSearchProvider`1[[Sitecore.Marketing.Defin
itions.Funnels.IFunnelDefinition, Sitecore.Marketing]], Sitecore.Marketing" />
    </searchProviders>
</funnel>
```

- In the `<pipelines>` section, after the `<deleteCampaign>` pipeline, the following pipeline was added:

```
<deleteFunnel>
  <processor ref="generalUnpublishItemProcessor" />
</deleteFunnel>
```

2.2.13   `Sitecore.Marketing.Search.config`

Added

- At the end of the `<marketingDefinitions>` section, after the `<campaign>` node, the following node was added:

```
<funnel>
  <definitionManager>
    <param desc="searchProvider">
      <patch:attribute
name="ref">marketingDefinitions/funnel/searchProviders/default</patch:attribute>
    </param>
    <config>
      <activationFeed>
        <observer
type="Sitecore.Marketing.Search.Observers.UpdateSearchIndexObserver`1[[Sitecore.Market
ing.Definitions.Funnels.IFunnelDefinition, Sitecore.Marketing]],
Sitecore.Marketing.Search">
          <param name="databaseName"
ref="marketingDefinitions/itemRepositoriesDatabase" />
          <param name="searchIndex" ref="marketingDefinitions/searchIndexName" />
        </observer>
      </activationFeed>
    </config>
  </definitionManager>
  <searchProviders>
    <default type="Sitecore.Marketing.Search.FunnelDefinitionSearchProvider,
Sitecore.Marketing.Search">
      <param name="searchIndex" ref="marketingDefinitions/searchIndexName" />
    </default>
  </searchProviders>
```

```
    <stepStringConverter
type="Sitecore.Marketing.Search.TypeConverters.StepStringConverter,
Sitecore.Marketing.Search" />
</funnel>
```

- In the `<pipelines>` section, after the `<deleteCampaign>` pipeline, the following pipeline was added:

```
<deleteFunnel>
  <processor
type="Sitecore.Marketing.Search.Processors.DeleteFromSearchIndex`1[[Sitecore.Marketing
.Search.IndexedFunnel, Sitecore.Marketing.Search]], Sitecore.Marketing.Search">
    <param name="databaseName" ref="marketingDefinitions/itemRepositoriesDatabase" />
    <param name="searchIndex" ref="marketingDefinitions/searchIndexName" />
  </processor>
</deleteFunnel>
```

Changed

- In the `<campaign>` section, change the `<observer type="Sitecore.Marketing.Search.Observers.UpdateSearchIndexObserver, Sitecore.Marketing.Search">` node to the following:

```
<observer
type="Sitecore.Marketing.Search.Observers.UpdateSearchIndexObserver`1[[Sitecore.Market
ing.Definitions.Campaigns.ICampaignActivityDefinition, Sitecore.Marketing]],
Sitecore.Marketing.Search">
```

- In the `< pipelines>` section, change the `<processor type="Sitecore.Marketing.Search.Pipelines.DeleteCampaign.DeleteFromSearchIndex, Sitecore.Marketing.Search">` processor to the following:

```
<processor
type="Sitecore.Marketing.Search.Processors.DeleteFromSearchIndex`1[[Sitecore.Marketing
.Search.IndexedCampaign, Sitecore.Marketing.Search]], Sitecore.Marketing.Search">
```

2.2.14   `Sitecore.MarketingCD.config.disabled`

Added

- In the `<marketingDefinitions>` section, after the `<outcome>` node, the following node was added:

```
<funnel>
  <definitionManager>
    <param desc="searchProvider">
     <patch:attribute
name="ref">marketingDefinitions/funnel/searchProviders/notSupported</patch:attribute>
    </param>
    <config>
      <activationFeed>
        <patch:delete/>
      </activationFeed>
      <activationFeed />
    </config>
  </definitionManager>
</funnel>
```

2.2.15   `Sitecore.MarketingReportingRole.config.disabled`

Added

- In the `<marketingDefinitions>` section, after the `<outcome>` node, the following node was added:

```
<funnel>
  <definitionManager>
    <param desc="searchProvider">
```

```
        <patch:attribute
name="ref">marketingDefinitions/funnel/searchProviders/notSupported</patch:attribute>
      </param>
      <config>
        <activationFeed>
          <patch:delete/>
        </activationFeed>
        <activationFeed />
      </config>
```

2.2.16 `Sitecore.Marketing.Lucene.Index.Master.config`

Added

- In the the `<configuration><indexes><index><locations>` section, before the `</locations>` tag, the following crawler was added:

```
<crawler type="Sitecore.ContentSearch.SitecoreItemCrawler, Sitecore.ContentSearch">
  <Database>master</Database>
  <Root>{09CF9489-8F71-4A16-B707-4F013D8CDEFB}</Root>
</crawler>
```

Changed

- In the `<configuration><indexes><index>` section:

```
<configuration
ref="campaignManagementSearch/indexConfigurations/campaignManagementLuceneIndexConfigu
ration"/>
```

was changed to:

```
<configuration
ref="marketingDefinitionSearch/indexConfigurations/marketingDefinitionLuceneIndexConfi
guration" />
```

2.2.17 `Sitecore.Marketing.Lucene.Index.Web.config`

Added

- In the `<configuration><indexes><index><locations>` section, before the `</locations>` tag, the following crawler was added:

```
<crawler type="Sitecore.ContentSearch.SitecoreItemCrawler, Sitecore.ContentSearch">
  <Database>web</Database>
  <Root>{09CF9489-8F71-4A16-B707-4F013D8CDEFB}</Root>
</crawler>
```

Changed

- In the `<configuration><indexes><index>` section:

```
<configuration
ref="campaignManagementSearch/indexConfigurations/campaignManagementLuceneIndexConfigu
ration"/>
```

was changed to:

```
<configuration
ref="marketingDefinitionSearch/indexConfigurations/marketingDefinitionLuceneIndexConfi
guration" />
```

2.2.18 `Sitecore.Marketing.Lucene.IndexConfiguration.config`

Added

- In the
  `<marketingDefinitionSearch><indexConfigurations><marketingDefinitionLuceneIndexConfiguration><documentOptions><exclude>` section, after the
  `</BucketFolderTemplateId>` tag, the following nodes were added:

```
<FolderTemplateId>{A87A00B1-E6DB-45AB-8B54-636FEC3B5523}</FolderTemplateId>
<CampaignCategoryTemplateId>{56682FE6-9679-4B69-9589-
60C99AA08BEC}</CampaignCategoryTemplateId>
```

- In the
  `<marketingDefinitionSearch><indexConfigurations><marketingDefinitionLuceneIndexConfiguration><documentOptions><fields>` section, before the
  `</fields>` tag, the following section was added:

```
        <field
fieldName="createddate">Sitecore.ContentSearch.ComputedFields.CreatedDate,Sitecore.Con
tentSearch</field>
        <field
fieldName="lastmodifieddate">Sitecore.ContentSearch.ComputedFields.UpdatedDate,Sitecor
e.ContentSearch</field>
        <field fieldName="id">Sitecore.Marketing.Search.ComputedFields.IdIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="name" description="campaign name" fieldId="{0F47D1B4-BCB4-
4F7F-9065-6ECB46AAB9A1}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="name" description="funnel name" fieldId="{27E43ED9-5E4E-4E8D-
9F35-4FB443F8FB92}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="automationstateenrollmentlist" fieldId="{1C534A2D-0B6D-4E89-
8FCA-6289475A3A46}">Sitecore.Marketing.Search.ComputedFields.GuidMappedIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="createdby" fieldId="{5DD74568-4D4B-44C1-B513-
0AF5F4CDA34F}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="lastmodifiedby" fieldId="{BADD9CF9-53E0-4D0C-BCC0-
2D784C282F6A}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="campaigngroupuri" fieldId="{FFAEA943-DF50-4F11-94ED-
4690418A7D96}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="channeluri" fieldId="{4C1BF83B-06E2-4B07-AD16-
0E65D95E356E}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
        <field fieldName="marketingasseturi" fieldId="{3C0EEC17-C74D-4921-9577-
D41AEA11B6DB}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
        <field
fieldName="classifications">Sitecore.Marketing.Search.ComputedFields.TaxonomicClassifi
cationIndexField, Sitecore.Marketing.Search</field>
        <field fieldName="sequence" fieldId="{01E123EC-6642-4AAE-AEE8-985D49ED1647}"
stepStringConverterType="marketingDefinitions/funnel/stepStringConverter"
stepTypeResolverType="marketingDefinitions/funnel/funnelStepTypeResolver">Sitecore.Mar
keting.Search.ComputedFields.SequenceMappedIndexField,
Sitecore.Marketing.Search</field>
```

- In the the `<indexDocumentPropertyMapper><objectFactory><rules>` section, the following rule was added:

```
<rule type="Sitecore.ContentSearch.DefaultDocumentMapperFactoryRule,
Sitecore.ContentSearch"
     creationType="Sitecore.Marketing.Search.IndexedFunnel,
Sitecore.Marketing.Search"
     baseType="Sitecore.Marketing.Definitions.Funnels.IFunnelDefinition,
Sitecore.Marketing">
  <param desc="creationType">$(creationType)</param>
  <param desc="baseType">$(baseType)</param>
</rule>
```

1. In the `<indexFieldStorageValueFormatter><converters>` section, the following converter was added:

```
<converter handlesType="Sitecore.Marketing.Definitions.Funnels.Step,
Sitecore.Marketing"
typeConverter="Sitecore.Marketing.Search.TypeConverters.IndexFieldSequenceStepConverte
r, Sitecore.Marketing.Search">
  <param desc="stepStringConverter"
type="Sitecore.Marketing.Search.TypeConverters.StepStringConverter,
Sitecore.Marketing.Search" />
</converter>
```

Removed

- After the `</documentOptions>` tag, the following two nodes were removed:

```
<fields hint="raw:AddComputedIndexField">
  <field
fieldName="createddate">Sitecore.ContentSearch.ComputedFields.CreatedDate,Sitecore.Con
tentSearch</field>
  <field
fieldName="lastmodifieddate">Sitecore.ContentSearch.ComputedFields.UpdatedDate,Sitecor
e.ContentSearch</field>
  <field fieldName="id">Sitecore.Marketing.Search.ComputedFields.IdIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="name" fieldId="{0F47D1B4-BCB4-4F7F-9065-
6ECB46AAB9A1}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="automationstateenrollmentlist" fieldId="{1C534A2D-0B6D-4E89-8FCA-
6289475A3A46}">Sitecore.Marketing.Search.ComputedFields.GuidMappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="createdby" fieldId="{5DD74568-4D4B-44C1-B513-
0AF5F4CDA34F}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="lastmodifiedby" fieldId="{BADD9CF9-53E0-4D0C-BCC0-
2D784C282F6A}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="campaigngroupuri" fieldId="{FFAEA943-DF50-4F11-94ED-
4690418A7D96}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="channeluri" fieldId="{4C1BF83B-06E2-4B07-AD16-
0E65D95E356E}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="marketingasseturi" fieldId="{3C0EEC17-C74D-4921-9577-
D41AEA11B6DB}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
  <field
fieldName="classifications">Sitecore.Marketing.Search.ComputedFields.TaxonomicClassifi
cationIndexField, Sitecore.Marketing.Search</field>
</fields>

<exclude hint="list:ExcludeTemplate">
  <FolderTemplateId>{A87A00B1-E6DB-45AB-8B54-636FEC3B5523}</FolderTemplateId>
  <CampaignCategoryTemplateId>{56682FE6-9679-4B69-9589-
60C99AA08BEC}</CampaignCategoryTemplateId>
</exclude>
```

Changed

- The `<campaignManagementSearch> </campaignManagementSearch>` node, was changed to `<marketingDefinitionSearch> </marketingDefinitionSearch>`.

- In the `<marketingDefinitionSearch><indexConfigurations>` section, the following node:

```
<campaignManagementLuceneIndexConfiguration
ref="contentSearch/indexConfigurations/defaultLuceneIndexConfiguration">
```

was changed to:

```
<marketingDefinitionLuceneIndexConfiguration
ref="contentSearch/indexConfigurations/defaultLuceneIndexConfiguration">
```

And </campaignManagementLuceneIndexConfiguration> was changed to:
</marketingDefinitionLuceneIndexConfiguration>.

2.2.19 `Sitecore.Marketing.Solr.Index.Master.config.disabled`

Added

- In the the `<configuration><indexes><index><locations>` section, before the `</locations>` tag, the following crawler was added:

```
<crawler type="Sitecore.ContentSearch.SitecoreItemCrawler, Sitecore.ContentSearch">
  <Database>master</Database>
  <Root>{09CF9489-8F71-4A16-B707-4F013D8CDEFB}</Root>
</crawler>
```

Changed

- In the `<configuration><indexes><index>` section, the following node

```
<configuration
ref="campaignManagementSearch/indexConfigurations/campaignManagementSolrIndexConfigura
tion"/>
```

was changed to:

```
<configuration
ref="marketingDefinitionSearch/indexConfigurations/marketingDefinitionSolrIndexConfigu
ration" />
```

2.2.20 `Sitecore.Marketing.Solr.Index.Web.config.disabled`

Added

- In the `<configuration><indexes><index><locations>` section, before the `</locations>` tag, the following crawler was added:

```
<crawler type="Sitecore.ContentSearch.SitecoreItemCrawler, Sitecore.ContentSearch">
  <Database>web</Database>
  <Root>{09CF9489-8F71-4A16-B707-4F013D8CDEFB}</Root>
</crawler>
```

Changed

- In the `<configuration><indexes><index>` section, the following node:

```
<configuration
ref="campaignManagementSearch/indexConfigurations/campaignManagementSolrIndexConfigura
tion" />
```

was changed to:

```
<configuration
ref="marketingDefinitionSearch/indexConfigurations/marketingDefinitionSolrIndexConfigu
ration" />
```

2.2.21 `Sitecore.Marketing.Solr.IndexConfiguration.config.disabled`

Added

- In the `<marketingDefinitionSearch><indexConfigurations><marketingDefinitionSolrIndexConfiguration>` section, after the `</fieldMap>` tag, the following node was added:

```
<documentOptions
ref="contentSearch/indexConfigurations/defaultSolrIndexConfiguration/documentOptions">
```

```xml
    <fields hint="raw:AddComputedIndexField">
      <field fieldName="createddate"
returnType="datetime">Sitecore.ContentSearch.ComputedFields.CreatedDate,Sitecore.Conte
ntSearch</field>
      <field fieldName="lastmodifieddate"
returnType="datetime">Sitecore.ContentSearch.ComputedFields.UpdatedDate,Sitecore.Conte
ntSearch</field>
      <field fieldName="id"
returnType="id">Sitecore.Marketing.Search.ComputedFields.IdIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="name" description="campaign name" returnType="text"
fieldId="{0F47D1B4-BCB4-4F7F-9065-
6ECB46AAB9A1}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="name" description="funnel name" returnType="text"
fieldId="{27E43ED9-5E4E-4E8D-9F35-
4FB443F8FB92}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="automationstateenrollmentlist"  returnType="guidCollection"
fieldId="{1C534A2D-0B6D-4E89-8FCA-
6289475A3A46}">Sitecore.Marketing.Search.ComputedFields.GuidMappedIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="createdby"                      returnType="string"
fieldId="{5DD74568-4D4B-44C1-B513-
0AF5F4CDA34F}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="lastmodifiedby"                 returnType="string"
fieldId="{BADD9CF9-53E0-4D0C-BCC0-
2D784C282F6A}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="campaigngroupuri"               returnType="string"
fieldId="{FFAEA943-DF50-4F11-94ED-
4690418A7D96}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="channeluri"                     returnType="string"
fieldId="{4C1BF83B-06E2-4B07-AD16-
0E65D95E356E}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="marketingasseturi"              returnType="string"
fieldId="{3C0EEC17-C74D-4921-9577-
D41AEA11B6DB}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
      <field fieldName="classifications"
returnType="string">Sitecore.Marketing.Search.ComputedFields.TaxonomicClassificationIn
dexField, Sitecore.Marketing.Search</field>
      <field fieldName="sequence" returnType="stringCollection" fieldId="{01E123EC-6642-
4AAE-AEE8-985D49ED1647}"
stepStringConverterType="marketingDefinitions/funnel/stepStringConverter"
stepTypeResolverType="marketingDefinitions/funnel/funnelStepTypeResolver">Sitecore.Mar
keting.Search.ComputedFields.SequenceMappedIndexField,
Sitecore.Marketing.Search</field>
    </fields>
    <exclude hint="list:AddExcludedTemplate">
      <FolderTemplateId>{A87A00B1-E6DB-45AB-8B54-636FEC3B5523}</FolderTemplateId>
      <CampaignCategoryTemplateId>{56682FE6-9679-4B69-9589-
60C99AA08BEC}</CampaignCategoryTemplateId>
    </exclude>
    <exclude hint="list:AddExcludedField">
      <Sequence>{01E123EC-6642-4AAE-AEE8-985D49ED1647}</Sequence>
    </exclude>
</documentOptions>
```

- In the the `<indexDocumentPropertyMapper><objectFactory><rules>` section, the following rule was added:

```xml
<rule type="Sitecore.ContentSearch.DefaultDocumentMapperFactoryRule,
Sitecore.ContentSearch"
      creationType="Sitecore.Marketing.Search.IndexedFunnel,
Sitecore.Marketing.Search"
      baseType="Sitecore.Marketing.Definitions.Funnels.IFunnelDefinition,
Sitecore.Marketing">
  <param desc="creationType">$(creationType)</param>
  <param desc="baseType">$(baseType)</param>
</rule>
```

- In the `<indexFieldStorageValueFormatter><converters>` section, the following converter was added:

```
<converter handlesType="Sitecore.Marketing.Definitions.Funnels.Step,
Sitecore.Marketing"
typeConverter="Sitecore.Marketing.Search.TypeConverters.IndexFieldSequenceStepConverte
r, Sitecore.Marketing.Search">
  <param desc="stepStringConverter"
type="Sitecore.Marketing.Search.TypeConverters.StepStringConverter,
Sitecore.Marketing.Search" />
</converter>
```

Removed

- In the the
  `<marketingDefinitionSearch><indexConfigurations><marketingDefinitionS
  olrIndexConfiguration>` section, after the `</fieldMap>` tag, the following nodes were
  removed:

```
<fields hint="raw:AddComputedIndexField">
  <field fieldName="createddate"
returnType="datetime">Sitecore.ContentSearch.ComputedFields.CreatedDate,Sitecore.Conte
ntSearch</field>
  <field fieldName="lastmodifieddate"
returnType="datetime">Sitecore.ContentSearch.ComputedFields.UpdatedDate,Sitecore.Conte
ntSearch</field>
  <field fieldName="id"
returnType="id">Sitecore.Marketing.Search.ComputedFields.IdIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="name"                      returnType="text"
fieldId="{0F47D1B4-BCB4-4F7F-9065-
6ECB46AAB9A1}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="automationstateenrollmentlist"  returnType="guidCollection"
fieldId="{1C534A2D-0B6D-4E89-8FCA-
6289475A3A46}">Sitecore.Marketing.Search.ComputedFields.GuidMappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="createdby"                      returnType="string"
fieldId="{5DD74568-4D4B-44C1-B513-
0AF5F4CDA34F}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="lastmodifiedby"                 returnType="string"
fieldId="{BADD9CF9-53E0-4D0C-BCC0-
2D784C282F6A}">Sitecore.Marketing.Search.ComputedFields.MappedIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="campaigngroupuri"               returnType="string"
fieldId="{FFAEA943-DF50-4F11-94ED-
4690418A7D96}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="channeluri"                     returnType="string"
fieldId="{4C1BF83B-06E2-4B07-AD16-
0E65D95E356E}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="marketingasseturi"              returnType="string"
fieldId="{3C0EEC17-C74D-4921-9577-
D41AEA11B6DB}">Sitecore.Marketing.Search.ComputedFields.TaxonUriIndexField,
Sitecore.Marketing.Search</field>
  <field fieldName="classifications"
returnType="string">Sitecore.Marketing.Search.ComputedFields.TaxonomicClassificationIn
dexField, Sitecore.Marketing.Search</field>
</fields>

<exclude hint="list:ExcludeTemplate">
  <FolderTemplateId>{A87A00B1-E6DB-45AB-8B54-636FEC3B5523}</FolderTemplateId>
  <CampaignCategoryTemplateId>{56682FE6-9679-4B69-9589-
60C99AA08BEC}</CampaignCategoryTemplateId>
</exclude>
```

Changed

- `<campaignManagementSearch> </campaignManagementSearch>` was changed to
  `<marketingDefinitionSearch> </marketingDefinitionSearch>`.

- In the `<marketingDefinitionSearch><indexConfigurations>` section, the following node:

```
<campaignManagementSolrIndexConfiguration
ref="contentSearch/indexConfigurations/defaultSolrIndexConfiguration">
```

was changed to:

```
<marketingDefinitionSolrIndexConfiguration
ref="contentSearch/indexConfigurations/defaultSolrIndexConfiguration">
```

`</campaignManagementSolrIndexConfiguration>` was changed to `</marketingDefinitionSolrIndexConfiguration>`.

2.2.22 `Sitecore.Analytics.Oracle.config.disabled`

Added

- In the `<deployDefinition>` pipeline, after the `<processor type="Sitecore.Analytics.Pipelines.DeployDefinition.SaveEngagementPlan,Sitecore.Analytics"/>` processor, the following processor was added:

```
<processor
type="Sitecore.Analytics.Pipelines.DeployDefinition.SaveFunnel,Sitecore.Analytics"/>
```

Removed

- In the `<settings>` section, the following setting was removed:

```
<!--  ANALYTICS AUTOMATION THREADS
      Defines the number of threads used by the workflow engine.
      Default: 1
-->
<setting name="Analytics.Automation.Threads" value="1" />
```

- In the `<sitecore>` section, the following node was removed:

```
<automationManager defaultProvider="default">
  <providers>
    <clear/>
    <add name="default"
type="Sitecore.Data.Oracle.Analytics.Automation.OracleAutomationProvider,
Sitecore.Oracle"/>
  </providers>
</automationManager>
```

- In the `<sitecore><events><event name="item:saved">` section, the following handler was removed:

```
<handler type="Sitecore.Analytics.Automation.Data.Items.ItemEventHandler,
Sitecore.Automation.MarketingAutomation" method="OnAutomationStateChanged"/>
```

- In the `<sitecore><events><event name="item: deleted">` section, the following handler was removed:

```
<handler type="Sitecore.Analytics.Automation.Data.Items.ItemEventHandler,
Sitecore.Automation.MarketingAutomation" method="OnAutomationStateChanged"/>
```

- In the `<pipelines>` section, the following pipeline was removed:

```
<automation>
  <processor
type="Sitecore.Analytics.Pipelines.Automation.GetAutomationStateItem,Sitecore.Automati
on.MarketingAutomation" />
  <processor
type="Sitecore.Analytics.Pipelines.Automation.ProcessCommands,Sitecore.Automation.Mark
etingAutomation" />
  <processor
type="Sitecore.Analytics.Pipelines.Automation.SetNextWakeUpTime,Sitecore.Automation.Ma
rketingAutomation" />
</automation>
```

- In the `<initialize>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Pipelines.Loader.InitializeAutomation,Sitecore.Automation.Mar
ketingAutomation" />
```

- In the `<visitEnd>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Pipelines.VisitEnd.RunAutomation,Sitecore.Automation.Marketin
gAutomation"/>
```

- In the `<initializeTracker>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Pipelines.InitializeTracker.RunAutomation,Sitecore.Automation
.MarketingAutomation"/>
```

- In the `<acceptChanges>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Analytics.Pipelines.AcceptChanges.UpdateAutomationStates,Sitecore.Autom
ation.MarketingAutomation"/>
```

- In the `<registerPageEvent>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.RegisterPageEvent.RunAutomatio
n,Sitecore.Automation.MarketingAutomation"/>
```

- In the `< triggerCampaign>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.TriggerCampaign.RunAutomation,
Sitecore.Automation.MarketingAutomation"/>
```

- In the `<processEmailMessage>` pipeline, the following processors were removed:

```
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.PrepareEmail.ProcessEmailMessa
ge, Sitecore.Automation.MarketingAutomation" method="AddHostToItemLink"/>
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.PrepareEmail.ProcessEmailMessa
ge, Sitecore.Automation.MarketingAutomation" method="AddHostToMediaItem"/>
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.PrepareEmail.ProcessEmailMessa
ge, Sitecore.Automation.MarketingAutomation" method="SendEmail"/>
```

- In the `<loadVisitor>` pipeline, the following processor was removed:

```
<processor
type="Sitecore.Automation.MarketingAutomation.Pipelines.LoadVisitor.LoadAutomations,Si
tecore.Automation.MarketingAutomation"/>
```

- In the `<pipelines>` section, the following pipeline was removed:

```
<commitDataSet>
  <processor
type="Sitecore.Analytics.Pipelines.CommitDataSet.CommitAutomations,Sitecore.Automation
.MarketingAutomation"/>
   <processor
type="Sitecore.Analytics.Pipelines.CommitDataSet.CommitAnalytics,Sitecore.Analytics"/>
</commitDataSet>
```

- In the `<commands>` section the following command was removed:

```
<command name="analytics:openprofiles"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenProfiles,Sitecore.Client
"/>
```

Changed

- In the `<commands>` section:

```
<command name="analytics:authoringfeedback"
type="Sitecore.Shell.Applications.Analytics.AuthoringFeedback.AuthoringFeedback,Siteco
re.Client"/>
```

was changed to:

```
<command name="analytics:authoringfeedback"
type="Sitecore.Shell.Applications.Analytics.AuthoringFeedback.AuthoringFeedback,Siteco
re.Xdb.Client"/>
```

```
<command name="analytics:emailreport"
type="Sitecore.Shell.Applications.Analytics.ReportRunner.EmailReport,Sitecore.Client"/
>
```

was changed to:

```
<command name="analytics:emailreport"
type="Sitecore.Shell.Applications.Analytics.ReportRunner.EmailReport,Sitecore.Xdb.Clie
nt"/>
```

```
<command name="analytics:opengoals"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenGoals,Sitecore.Client"/>
```

was changed to:

```
<command name="analytics:opengoals"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenGoals,Sitecore.Xdb.Clien
t"/>
```

```
<command name="analytics:opentrackingfield"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenTrackingField,Sitecore.C
lient"/>
```

was changed to:

```
<command name="analytics:opentrackingfield"
type="Sitecore.Shell.Applications.Analytics.TrackingField.OpenTrackingField,Sitecore.X
db.Client"/>
```

```
<command name="analytics:viewtrackingdetails"
type="Sitecore.Shell.Applications.Analytics.TrackingField.ViewTrackingDetails,Sitecore
.Client"/>
```

was changed to:

```
<command name="analytics:viewtrackingdetails"
type="Sitecore.Shell.Applications.Analytics.TrackingField.ViewTrackingDetails,Sitecore
.Xdb.Client"/>
```

2.2.23   `Sitecore.Xdb.Remote.Client.config.disabled`

Added

- In the `<marketingDefinitions>` section, after the `<outcome>` node, the following node was added:

```
<funnel>
  <repositories>
    <remote
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.Remote.FunnelRemoteDefinit
ionRepository, Sitecore.Analytics" singleInstance="true">
      <param desc="httpTransport" ref="httpTransportFactory" />
      <param desc="handler">/~/v80/marketingdefinitions/remote/funnel/</param>
    </remote>
  </repositories>
</funnel>
```

2.2.24 `Sitecore.Xdb.Remote.Server.config.disabled`

Added

- In the `<customHandlers>` section, after the `<handler trigger="/~/v80/marketingdefinitions/remote/outcome" type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.Remote.OutcomeRemoteDefinitionHandler, Sitecore.Analytics" />` handler, the following handler was added:

```
<handler trigger="/~/v80/marketingdefinitions/remote/funnel"
type="Sitecore.Analytics.Reporting.DefinitionData.Marketing.Remote.FunnelRemoteDefinit
ionHandler, Sitecore.Analytics" />
```

2.2.25 `Commands.config`

Removed

- In the `<configuration>` section, the following commands were removed:

```
<command name="analytics:reports"
type="Sitecore.Shell.Applications.Analytics.ReportRunner.OpenAnalyticsReports,Sitecore
.Client"/>


<command name="analytics:status"
type="Sitecore.Shell.Applications.Analytics.Status.Status,Sitecore.Client"/>


<command name="dashboard:opensinglecampaign"
type="Sitecore.Shell.Framework.Commands.Dashboard.OpenSingleCampaign,Sitecore.Client"
/>


<command name="item:personalizeprofile"
type="Sitecore.Shell.Framework.Commands.SetProfileValue,Sitecore.Kernel" />
```

2.2.26 `FieldTypes.config`

Removed

- In the `<configuration>` section the following node was removed:

```
<fieldType name="Tracking"
type="Sitecore.Analytics.Data.TrackingField,Sitecore.Analytics" resizable="true" />
```

2.2.27 `Sitecore.config`

Added

- In the `<pipelines>` section, after the `<renderLayoutGridRendering>` pipeline, the following pipeline was added:

```
<handlePageNotFound/>
  <!-- Actions to run when general page errors are being handled, such as no layout
and no access -->
<handlePageError/>
```

- In the `<sitecore>` section, after the `<settings>` node, the following node was added:

```
<tracking>
  <untrackedPages>
    <add path="/sitecore/default.aspx"/>
    <add path="/sitecore/service/error.aspx"/>
    <add path="/sitecore/service/Heartbeat.aspx"/>
    <add path="/sitecore/service/keepalive.aspx"/>
```

```
      <add path="/sitecore/service/nolicense.aspx"/>
  </untrackedPages>
</tracking>
```

Removed

- In the `<pipelines>` section, the following pipeline was removed:

```
<getItemPersonalizationVisibility>
  <processor
type="Sitecore.Pipelines.GetItemPersonalizationVisibility.CheckUserSettings,
Sitecore.Kernel"/>
  <processor
type="Sitecore.Pipelines.GetItemPersonalizationVisibility.CheckSectionAvailability,
Sitecore.Kernel"/>
</getItemPersonalizationVisibility>
```

- In the `<agent type="Sitecore.Tasks.CleanupAgent" method="Run" interval="06:00:00">` agent, under the `<files hint="raw:AddCommand">` node, the following node was removed:

```
<remove folder="$(dataFolder)/Dashboard reports" pattern="*.*" maxAge="2.00:00:00"
recursive="true" />
```

2.3 Path Analyzer

The following configuration files were changed:

2.3.1 `Sitecore.PathAnalyzer.config`

Added

The following section was added:

- The `PathAnalyzer.Aggregation.CollapseDuplicateRecords` setting was added:

```
<!-- PATH ANALYZER - AGGREGATION - COLLAPSE DUPLICATE RECORDS
        When sequences of records are being processed, collapse records with the
same RecordId into one.
        Default value: true
-->
<setting name="PathAnalyzer.Aggregation.CollapseDuplicateRecords" value="true" />
```

Removed

The following section was removed:

- The `<!-- NODE FILTER FACTORY -->` node was removed:

```
<nodeFilterFactory type="Sitecore.PathAnalyzer.TreeConversions.NodeFilterFactory,
Sitecore.PathAnalyzer">
        <param desc="itemRepository" ref="pathAnalyzer/itemRepository" />
        <param desc="configuration" ref="pathAnalyzer/configuration" />
</nodeFilterFactory>
```

Changed

The following sections were changed:

- A new configuration parameter was added to the `<treeCache />` element:

```
<treeCache type="Sitecore.PathAnalyzer.Data.Caching.TreeCache, Sitecore.PathAnalyzer"
singleInstance="true">
        <param desc="configuration" ref="pathAnalyzer/configuration" />
</treeCache>
```

- The following `patch:before` section was added:

```
<processor type="Sitecore.PathAnalyzer.Pipelines.Initialize.Loader,
Sitecore.PathAnalyzer"
                    patch:before="processor[@type='Sitecore.Pipelines.Loader.LoadHooks,
Sitecore.Kernel']"/>
```

This was added to guarantee the correct initialization order.

2.3.2 `Sitecore.PathAnalyzer.Client.config`

Added

The following sections were added:

- Two new scheduling agents were added:

```
<scheduling>
        <!-- PageExplorer Help -->
        <agent
type="Sitecore.PathAnalyzer.Client.Tasks.HelpUpdateAgent,Sitecore.PathAnalyzer.Client"
method="Run" interval="03:00:00" desc="PageExplorer Help">
                <param
desc="url">https://raw.githubusercontent.com/Sitecore/help/release/8.x/8.2/{lang}/path
analyzer/pageanalyzer-help.md</param>
                <param desc="itemId">{91F4E02D-E8DD-46BB-A9B7-A7A2A8BE915B}</param>
                <param desc="database">core</param>
```

```
        </agent>
        <!-- PathAnalyzer Help -->
        <agent
type="Sitecore.PathAnalyzer.Client.Tasks.HelpUpdateAgent,Sitecore.PathAnalyzer.Client"
method="Run" interval="03:00:00" desc="PathAnalyzer Help">
            <param
desc="url">https://raw.githubusercontent.com/Sitecore/help/release/8.x/8.2/{lang}/path
analyzer/pathanalyzer-help.md</param>
            <param desc="itemId">{7DC058D8-A23E-4277-BA55-7A59423AB707}</param>
            <param desc="database">core</param>
        </agent>
    </scheduling>
```

2.3.3   `Sitecore.PathAnalyzer.Services.config`

Added

The following sections were added:

- The new: `PathAnalyzer.Response.NodeNameResolvingMode` setting was added:

```
<!-- PATH ANALYZER - RESPONSE - NODE NAME RESOLVING MODE
        Possible values: 0(raw) | 1(name) | 2(displayname)
        Default value: 0
    -->
    <setting name="PathAnalyzer.Response.NodeNameResolvingMode" value="0" />
```

- The comment for `EXPLORER CONTROLLER` was added:

```
<!-- EXPLORER CONTOLLER
        A Web API controller with actions related to main Path Analyzer
functionality
-->
```

- The `cache` parameter was added to the `TreeDefinitionController` section:

```
<controller type="Sitecore.PathAnalyzer.Services.Controllers.TreeDefinitionController,
Sitecore.PathAnalyzer.Services">
        <param desc="definitionService" ref="pathAnalyzer/definitionService" />
        <param desc="mapStatusService" ref="pathAnalyzer/mapStatusService" />
        <param desc="cache" ref="pathAnalyzer/responseCache" />
</controller>
```

- The new `<ItemController>` section was added:

```
<!-- ITEM CONTROLLER
        A Web API controller with actions related to retrieving Sitecore item
data.
 -->
<controller type="Sitecore.PathAnalyzer.Services.Controllers.ItemController,
Sitecore.PathAnalyzer.Services">
        <param desc="itemRepository" ref="pathAnalyzer/itemRepository" />
        <param desc="cache" ref="pathAnalyzer/responseCache" />
</controller>
```

- The `ItemController` controller was added to the list of allowed controllers:

```
<api>
  <services>
    <configuration>
      <allowedControllers>
        <allowedController desc="PA ItemController">
        Sitecore.PathAnalyzer.Services.Controllers.ItemController,
Sitecore.PathAnalyzer.Services
        </allowedController>
```

Removed

The following sections were removed:

- The `<reportService>` section was removed:

```
    <!-- REPORT SERVICE
```

```
            Responsible for retrieving registered reports from the system and running
those on a given tree.
    -->
    <reportService type="Sitecore.PathAnalyzer.Reports.ReportService,
Sitecore.PathAnalyzer" />
```

- The `<reportSetBuilder>` section was removed:

```
    <!-- REPORT SET BUILDER
          Responsible for building ReportSet objects consumed by Path Analyzer
clients.
    -->
    <reportSetBuilder
type="Sitecore.PathAnalyzer.Services.PathExplorer.Reports.ReportSetBuilder,
Sitecore.PathAnalyzer.Services">
        <param desc="nodeFactory" ref="pathAnalyzer/nodeFactory" />
        <param desc="reportService" ref="pathAnalyzer/reportService" />
    </reportSetBuilder>
```

- The `reportSetBuilder` parameter was removed from the `<ExplorerController>` section:

```
<controller
type="Sitecore.PathAnalyzer.Services.PathExplorer.Controllers.ExplorerController,
Sitecore.PathAnalyzer.Services">
        <param desc="treeService" ref="pathAnalyzer/treeService" />
        <param desc="nodeFactory" ref="pathAnalyzer/nodeFactory" />
        <param desc="reportSetBuilder" ref="pathAnalyzer/reportSetBuilder" />
        <param desc="cache" ref="pathAnalyzer/responseCache" />
</controller>
```

- The `nodeFilterFactory` parameter was removed from the `<treeService>` section:

```
<treeService type="Sitecore.PathAnalyzer.Services.Data.TreeService,
Sitecore.PathAnalyzer.Services" singleInstance="true">
        <param desc="treeManager" ref="pathAnalyzer/treeManager" />
        <param desc="nodeGroupingFactory" ref="pathAnalyzer/nodeGroupingFactory" />
        <param desc="nodeFilterFactory" ref="pathAnalyzer/nodeFilterFactory" />
        <param desc="resourceManager" ref="pathAnalyzer/resourceManager" />
</treeService>
```