

# Configuration File Changes

Sitecore Experience Platform 8.0 Update-4

## 1.1 Config file changes in Sitecore 8.0 rev. 150621 (Update-4)

There are changes to the configuration file in Sitecore 8.0 rev. 150621 compared to Sitecore 8.0 rev. 150427 (Update-3). When you upgrade an existing solution, you must manually implement the configuration file changes described in this document. This update requires you to make changes to the following files:

- App\_Config\Include\Sitecore.Analytics.config
- App\_Config\Include\Sitecore.Analytics.Processing.Aggregation.config
- App\_Config\Include\Sitecore.Analytics.Processing.Aggregation.ProcessingPools.config
- App\_Config\Include\Sitecore.Analytics.Processing.Aggregation.Services.config
- App\_Config\Include\Sitecore.Analytics.Processing.config
- App\_Config\Include\Sitecore.PathAnalyzer.config
- App\_Config\Include\Sitecore.PathAnalyzer.Processing.config
- App\_Config\Include\SwitchMasterToWeb.config.example
- App\_Config\Include\ContentTesting\Sitecore.ContentTesting.config
- App\_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.Aggregation.config
- App\_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.Client.config
- App\_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.StorageProviders.config
- App\_Config\Include\ListManagement\Sitecore.ListManagement.config
- App\_Config\Include\ListManagement\Sitecore.ListManagement.Services.config
- App\_Config\Include\Social\Sitecore.Social.Facebook.config
- App\_Config\Include\Social\Sitecore.Social.ProfileMapping.Facebook.config
- App\_Config\Include\Social\Sitecore.Social.ProfileMapping.Linkedin.config

Depending on your search provider, you should also update the following files:

- Sitecore solution configured to use Lucene:
  - App\_Config\Include\Sitecore.ContentSearch.Lucene.Index.Analytics.config.example
  - App\_Config\Include\ContentTesting\Sitecore.ContentTesting.Lucene.IndexConfiguration.config
- Sitecore solution configured to use Solr:
  - App\_Config\Include\Sitecore.ContentSearch.Solr.Index.Analytics.config.example
  - App\_Config\Include\ContentTesting\Sitecore.ContentTesting.Solr.IndexConfiguration.config.disabled

The clean configuration files for Sitecore 8.0 rev. 150621 (Update-4) are provided in the following packages:

- Web.config\_80rev150621.zip
- app\_config\_files\_80rev150621.zip

To download these files, on the [Sitecore Experience Platform 8.0 Update-4](#) page, in the **Upgrade options** section, click *Config files for upgrade*.

### Note

No changes were made to the web.config file between Sitecore 8.0 rev. 150427 (Update-3) and Sitecore 8.0 rev. 150621 (Update-4).

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## 1.1.1 Changes to App\_Config\Include\Sitecore.Analytics.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the Sitecore.Analytics.config file:

1. Add the following node after the <events> section and before the <hooks> section:

```
<maintenanceService type="Sitecore.Analytics.Core.MaintenanceAgent,
Sitecore.Analytics.Core">
  <Services hint="list:RegisterService" />
</maintenanceService>

<!-- Core Services Subsystem -->
<coreServices type="Sitecore.Analytics.Core.Subsystem" singleInstance="true">
  <BackgroundServices hint="list:Add">
    <maintenance type="Sitecore.Analytics.Core.BackgroundService">
      <param desc="agentName">maintenanceService</param>
      <Interval>0.00:01:00</Interval>
      <MaxThreads>1</MaxThreads>
    </maintenance>
  </BackgroundServices>
</coreServices>
```

2. Add the following node in the <hooks> section (you can add it anywhere in the section, but in a clean Sitecore installation the new node is placed after the Sitecore.Analytics.BackgroundServiceLoader hook):

```
<hook type="Sitecore.Analytics.Core.SubsystemLoader, Sitecore.Analytics.Core">
  <Name>Core Services</Name>
  <Subsystem ref="coreServices" />
</hook>
```

## 1.1.2 Changes to App\_Config\Include\Sitecore.Analytics.Processing.Aggregation.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the Sitecore.Analytics.Processing.Aggregation.config file:

1. Add the following node in the <interaction> section for both <live> and <history> types after the <Pool> node:

```
<Source ref="aggregation/collectionData" />
```

After this change, the <interaction> section should look like the following:

```
<interaction>
  <live type="Sitecore.Analytics.Aggregation.Data.AggregationContext">
    <Pool ref="aggregationProcessing/processingPools/live" />
    <Source ref="aggregation/collectionData" />
    <ReportingTargets hint="list:AddReportingTarget">
      <primary ref="aggregation/reportingStorageProviders/primary" />
      <secondary ref="aggregation/reportingStorageProviders/secondary.live" />
    </ReportingTargets>
  </live>
  <history type="Sitecore.Analytics.Aggregation.Data.AggregationContext">
    <Pool ref="aggregationProcessing/processingPools/history" />
    <Source ref="aggregation/collectionData" />
    <ReportingTargets hint="list:AddReportingTarget">
      <secondary ref="aggregation/reportingStorageProviders/secondary.history"
/>
    </ReportingTargets>
  </history>
</interaction>
```

2. Add the following node in the <reportingStorageProviders><primary> section after the connectionStringName parameter:

```
<TrailLength>7.00:00:00</TrailLength>
```

3. Replace the <ExecRoutineStatementBuilder> section with the following code:

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```
<ExecRoutineStatementBuilder
type="Sitecore.Analytics.Aggregation.Scripting.Builders.ExecRoutineStatementBuilder,
Sitecore.Analytics.Sql" singleInstance="true">
  <mappings hint="list:AddMapping">
    <!-- Dimensions -->
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>Assets</Table>
      <Routine>Ensure Assets Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>BusinessUnits</Table>
      <Routine>Ensure_BusinessUnits_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>DeviceNames</Table>
      <Routine>Ensure_DeviceNames_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>FailureDetails</Table>
      <Routine>Ensure_FailureDetails_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>Items</Table>
      <Routine>Ensure_Items_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>Keywords</Table>
      <Routine>Ensure_Keywords_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>ReferringSites</Table>
      <Routine>Ensure_ReferringSites_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>SiteNames</Table>
      <Routine>Ensure_SiteNames_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>Languages</Table>
      <Routine>Ensure_Languages_Tvp</Routine>
      <IsMultiRow>True</IsMultiRow>
    </SqlMappingEntity>
    <!-- Mutable Dimensions -->
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>Accounts</Table>
      <Routine>Upsert_Account</Routine>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>Contacts</Table>
      <Routine>Upsert_Contact</Routine>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
      <Table>TrafficTypes</Table>
      <Routine>Upsert_TrafficType</Routine>
```

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```
        </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>VisitorClassification</Table>
        <Routine>Upsert_VisitorClassification</Routine>
    </SqlMappingEntity>

    <!-- Facts -->
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_Conversions</Table>
        <Routine>Add_Conversions_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>Conversions Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_Downloads</Table>
        <Routine>Add_Downloads_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>Downloads Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact Failures</Table>
        <Routine>Add Failures Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>Failures_Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact FollowHits</Table>
        <Routine>Add_FollowHits_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>FollowHits Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_MvTesting</Table>
        <Routine>Add_MvTesting</Routine>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_TestStatistics</Table>
        <Routine>Add_TestStatistic</Routine>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_PageViews</Table>
        <Routine>Add_PageViews</Routine>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact SiteSearches</Table>
        <Routine>Add_SiteSearches_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>SiteSearches_Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_SlowPages</Table>
        <Routine>Add_SlowPages_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>SlowPages Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_Traffic</Table>
        <Routine>Add_Traffic_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>Traffic_Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact ValueBySource</Table>
        <Routine>Add ValueBySource Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
```

```

        <TableType>ValueBySource_Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_Visits</Table>
        <Routine>Add_Visits_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>Visits_Type</TableType>
    </SqlMappingEntity>
    <SqlMappingEntity type="Sitecore.Analytics.Aggregation.SqlMappingEntity,
Sitecore.Analytics.Sql">
        <Table>Fact_VisitsByBusinessContactLocation</Table>
        <Routine>Add_VisitsByBusinessContactLocation_Tvp</Routine>
        <IsMultiRow>True</IsMultiRow>
        <TableType>VisitsByBusinessContactLocation_Type</TableType>
    </SqlMappingEntity>
</mappings>
</ExecRoutineStatementBuilder>

```

### 1.1.3 Changes to `App_Config\Include\Sitecore.Analytics.Processing.Aggregation.ProcessingPools.config`

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the

`Sitecore.Analytics.Processing.Aggregation.ProcessingPools.config` file:

- In the `<aggregation>` section, add the following node after `<ProcessingPool>` node:

```
<MinimumRangeSize>1000</MinimumRangeSize>
```

### 1.1.4 Changes to `App_Config\Include\Sitecore.Analytics.Processing.Aggregation.Services.config`

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.Analytics.Processing.Aggregation.Services.config` file:

- In the `<aggregation>` section, replace the existing `<aggregator>` node with the following one:

```

    <aggregator
type="Sitecore.Analytics.Aggregation.InteractionBatchAggregationAgent,
Sitecore.Analytics.Aggregation">
        <Context ref="aggregation/aggregationContexts/interaction/live" />
        <DateTimeStrategy ref="aggregation/dateTimePrecisionStrategy" />
        <Aggregator type="Sitecore.Analytics.Aggregation.InteractionBatchAggregator,
Sitecore.Analytics.Aggregation" singleInstance="true">
            <MultiplexingTimeout>0.00:00:01</MultiplexingTimeout>
        </Aggregator>
        <MaximumBatchSize>64</MaximumBatchSize>
    </aggregator>

```

- Replace the `<historyWorker>` node of the `Sitecore.Analytics.Aggregation.Data.Processing.HistoryWorker` type with:

```

    <historyWorker
type="Sitecore.Analytics.Aggregation.Data.Processing.InteractionBatchHistoryWorker,
Sitecore.Analytics.Aggregation">

```

- In the `<historyWorker>` node of the `Sitecore.Analytics.Aggregation.Data.Processing.HistoryWorker` type, add the following node:

```

        <Aggregator type="Sitecore.Analytics.Aggregation.InteractionBatchAggregator,
Sitecore.Analytics.Aggregation" singleInstance="true">
            <MultiplexingTimeout>0.00:00:01</MultiplexingTimeout>
        </Aggregator>
        <MaximumBatchSize>128</MaximumBatchSize>

```

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After this change, the `<historyWorker>` node of the `Sitecore.Analytics.Aggregation.Data.Processing.HistoryWorker` type should look like following:

```
<!-- Configure the historyWorker agent: -->
<historyWorker
type="Sitecore.Analytics.Aggregation.Data.Processing.InteractionBatchHistoryWorker,
Sitecore.Analytics.Aggregation">
  <HistoryTaskManager ref="aggregation/historyTaskManager" />
  <DateTimePrecisionStrategy ref="aggregation/dateTimePrecisionStrategy"/>
  <CollectionData ref="aggregation/collectionData" />
  <AggregationContext ref="aggregation/aggregationContexts/interaction/history"
/>
  <Aggregator type="Sitecore.Analytics.Aggregation.InteractionBatchAggregator,
Sitecore.Analytics.Aggregation" singleInstance="true">
    <MultiplexingTimeout>0.00:00:01</MultiplexingTimeout>
  </Aggregator>
  <MaximumBatchSize>128</MaximumBatchSize>
</historyWorker>
```

4. Add the following node after the `<aggregation>` section and before the `<hooks>` section:

```
<maintenanceService type="Sitecore.Analytics.Core.MaintenanceAgent,
Sitecore.Analytics.Core">
  <Services>
    <rdbCleanUpPrimary ref="aggregation/reportingStorageProviders/primary"/>
  </Services>
</maintenanceService>
```

## 1.1.5 Changes to App\_Config\Include\Sitecore.Analytics.Processing.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.Analytics.Processing.config` file:

1. In the `<processing>` section, add the following node (you can place it anywhere in the section, but in a clean Sitecore installation it is placed after the `<rangeMapFactory>` node):

```
<rangeMaps type="Sitecore.Analytics.Processing.Tasks.MongoDbRangeMapPool2"
singleInstance="true">
  <param desc="connectionStringName">analytics</param>
</rangeMaps>
```

2. In the `<processing>` section, replace the `<sequenceFactory>` node with the following:

```
<sequenceFactory
type="Sitecore.Analytics.Processing.Tasks.MongoDbSequenceFactory2" singleInstance="true">
  <param desc="connectionStringName">analytics</param>
</sequenceFactory>
```

3. In the `<taskManager>` section, add the following node after the `<RangeMapFactory>` node:

```
<RangeMaps ref="processing/rangeMaps" />
```

4. In the end of the `<taskManager>` section, add the following node after the `<ProcessingPoolFactory>` node:

```
<!-- MAINTENANCE INTERVAL
Specifies the minimum time interval between executions of maintenance
operations on the task queue.
During maintenance operations task manager will remove and cleanup entries
of the tasks older than "task entry afterlife".

Default: 01:00:00
-->
<MaintenanceInterval>01:00:00</MaintenanceInterval>

<!-- TASK ENTRY AFTERLIFE
Specifies the minimum time a task entry (and all associated data structures)
is kept in the task queue after
the task has executed.

Default: 8.00:00:00
-->
<TaskEntryAfterLife>8.00:00:00</TaskEntryAfterLife>
```

```
<!-- LOCK TIMEOUT SECONDS
This setting specifies the time interval in seconds that a work unit (range)
is locked and allocated to a specific worker thread.
When the time interval has expired, the owner of the lock is considered to
be "hung", and another worker thread can pick up the
same work unit (range).
If you set this value too high, it may take more time for the system to
recover from random errors, such as network jams or server restarts.
If you set this value too low, it can cause system instability, as worker
threads may try to steal work from each other.
Default value: 15
-->

<SchedulerSettings.LockTimeoutSeconds>15</SchedulerSettings.LockTimeoutSeconds>

<!-- MAXIMUM BATCH SIZE
This setting specifies the maximum number of work items that a worker thread
can load from the xDB and pass to an application-specific handler
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 value: 128
-->

<SchedulerSettings.MaximumBatchSize>128</SchedulerSettings.MaximumBatchSize>

<!-- MINIMUM RANGE SIZE
This setting specifies the estimated number of work items that are in the
processing range when the current working thread stops sharing work with
other threads. The scheduler uses this value as the threshold to decide if a
worker thread is close to the end
of a work unit (range) and whether it should complete the current work unit
or spend time synchronizing other worker threads.
Default: 100
-->

<SchedulerSettings.MinimumRangeSize>100</SchedulerSettings.MinimumRangeSize>
```

## 1.1.6 Changes to App\_Config\Include\Sitecore.PathAnalyzer.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.PathAnalyzer.config` file:

- In the `<pathAnalyzer>` section, add following type (you can place it anywhere in the section, but in a clean Sitecore installation it is placed after the `pruningConfiguration` type):

```
<!-- PROPERTY STORE
This service provides access to RDB's Properties table that stores all
utility information related to tree construction.
-->
<propertyStore type="Sitecore.PathAnalyzer.Processing.SqlPropertyStore,
Sitecore.PathAnalyzer" singleInstance="true">
  <param desc="connectionString">reporting</param>
</propertyStore>
```

## 1.1.7 Changes to App\_Config\Include\Sitecore.PathAnalyzer.Processing.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.PathAnalyzer.Processing.config` file:

- In the `<pathAnalyzer>` section, remove the following type:

```
<propertyStore type="Sitecore.PathAnalyzer.Processing.SqlPropertyStore,
Sitecore.PathAnalyzer" singleInstance="true">
  <param desc="connectionString">reporting</param>
</propertyStore>
```



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## 1.1.8 Changes to App\_Config\Include\SwitchMasterToWeb.config.example

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `SwitchMasterToWeb.config.example` file:

- Remove the following node:

```
<dataviews>
  <dataview name="Master">
    <patch:delete/>
  </dataview>
</dataviews>
```

## 1.1.9 Changes to App\_Config\Include\ContentTesting\Sitecore.ContentTesting.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ContentTesting.config` file:

- In the `<events>` section, add the following nodes:

```
<event name="item:bucketing:starting">
  <handler type="Sitecore.ContentTesting.Events.PauseIndexingOnBucketing,
Sitecore.ContentTesting" method="PauseIndexing"/>
</event>

<event name="item:bucketing:ending">
  <handler type="Sitecore.ContentTesting.Events.PauseIndexingOnBucketing,
Sitecore.ContentTesting" method="ResumeIndexing"/>
</event>

<event name="item:unbucketing:starting">
  <handler type="Sitecore.ContentTesting.Events.PauseIndexingOnBucketing,
Sitecore.ContentTesting" method="PauseIndexing"/>
</event>

<event name="item:unbucketing:ending">
  <handler type="Sitecore.ContentTesting.Events.PauseIndexingOnBucketing,
Sitecore.ContentTesting" method="ResumeIndexing"/>
</event>
```

- In the end of the `<getScreenShotForURL>` section, add the following processor:

```
<processor
type="Sitecore.ContentTesting.Pipelines.GetScreenShotForURL.DeleteScript,
Sitecore.ContentTesting"/>
```

- In the `<sitecore.experienceeditor.speak.requests>` section, add the following request (you can add it anywhere in the section, but in a clean Sitecore installation the new node is placed after the `Optimization.ActiveItemTests.Count` request).

```
<request name="Optimization.ActiveItemTest"
type="Sitecore.ContentTesting.Requests.ExperienceEditor.ItemHasActiveTestRequest,
Sitecore.ContentTesting"/>
```

## 1.1.10 Changes to App\_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.Aggregation.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ExperienceAnalytics.Aggregation.config` file:

- Replace the `<ExecRoutineStatementBuilder>` section with the following node:

```
<ExecRoutineStatementBuilder>
  <mappings>
    <SqlMappingEntity uid="Fact_SegmentMetrics"
type="Sitecore.Analytics.Aggregation.SqlMappingEntity, Sitecore.Analytics.Sql">
      <Table>Fact_SegmentMetrics</Table>
      <Routine>Add_SegmentMetrics_Tvp</Routine>
    </SqlMappingEntity>
  </mappings>
</ExecRoutineStatementBuilder>
```

```
        <TableType>SegmentMetrics_Type</TableType>
        <IsMultiRow>True</IsMultiRow >
    </SqlMappingEntity>
    <SqlMappingEntity uid="SegmentRecords"
type="Sitecore.Analytics.Aggregation.SqlMappingEntity, Sitecore.Analytics.Sql">
        <Table>SegmentRecords</Table>
        <Routine>Ensure_SegmentRecords_Tvp</Routine>
        <TableType>SegmentRecords_Type</TableType>
        <IsMultiRow>True</IsMultiRow >
    </SqlMappingEntity>
    <SqlMappingEntity uid="DimensionKeys"
type="Sitecore.Analytics.Aggregation.SqlMappingEntity, Sitecore.Analytics.Sql">
        <Table>DimensionKeys</Table>
        <Routine>Ensure_DimensionKeys_Tvp</Routine>
        <TableType>DimensionKeys_Type</TableType>
        <IsMultiRow>True</IsMultiRow >
    </SqlMappingEntity>
</mappings>
</ExecRoutineStatementBuilder>
```

## 1.1.11 Changes to App\_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.Client.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ExperienceAnalytics.Client.config` file:

- Add the following node to the end of the `<pipelines>` section:

```
        <deployDefinition>
            <processor
type="Sitecore.ExperienceAnalytics.Client.Workflow.DeploySegmentDefinition,
Sitecore.ExperienceAnalytics.Client"/>
        </deployDefinition>
```

## 1.1.12 Changes to App\_Config\Include\ExperienceAnalytics\Sitecore.ExperienceAnalytics.StorageProviders.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ExperienceAnalytics.StorageProviders.config` file:

- Replace the `<reportingStorageProviders>` section with the following node:

```
<reportingStorageProviders>
    <primary>
        <storageProviders hint="list:AddCustomProviders">
            <segments ref="experienceAnalytics/primarySegmentStorageProvider" />
        </storageProviders>
    </primary>
    <secondary.live>
        <storageProviders hint="list:AddCustomProviders">
            <segments ref="experienceAnalytics/secondarySegmentStorageProvider" />
        </storageProviders>
    </secondary.live>
    <secondary.history>
        <storageProviders hint="list:AddCustomProviders">
            <segments ref="experienceAnalytics/secondarySegmentStorageProvider" />
        </storageProviders>
    </secondary.history>
</reportingStorageProviders>
```

## 1.1.13 Changes to App\_Config\Include>ListManagement\Sitecore.ListManagement.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ListManagement.config` file:

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- Add the following node to the <pipelines> section (you can place it anywhere within the section, but in a clean Sitecore installation it is placed after the <listManagement.getLock> node):

```
<!-- GET LOCKED LISTS
      The pipeline is responsible for retrieval a list of locked list ids.
-->
<listManagement.getLockedLists>
  <processor
type="Sitecore.ListManagement.ContentSearch.Pipelines.Locking.GetLockedLists.GetLockedLists,
Sitecore.ListManagement.ContentSearch" />
  </listManagement.getLockedLists>
```

## 1.1.14 Changes to App\_Config\Include\ListManagement\Sitecore.ListManagement.Services.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the Sitecore.ListManagement.Services.config file:

1. Remove the following pipeline:

```
<processor
type="Sitecore.ListManagement.Services.Pipelines.Initialize.RegisterHttpControllerActivator,
Sitecore.ListManagement.Services" />
```

2. Remove the following <controllers> node:

```
<!-- CONTROLLERS -->
<controllers>
  <!-- ACTIONS CONTROLLER
      The controller represents the WebApi service that handles functions from
action panel.
-->
  <controller type="Sitecore.ListManagement.Services.ActionsController,
Sitecore.ListManagement.Services">
    <param desc="listManager" ref="contactListManager" />
  </controller>

  <!-- CONTACT LIST CONTROLLER
      The controller represents the WebApi service that provides CRUD
functionality for ContactList entity
that is displayed on Details Page.
-->
  <controller type="Sitecore.ListManagement.Services.ContactListController,
Sitecore.ListManagement.Services">
    <param desc="repository"
type="Sitecore.ListManagement.Services.ContactListRepository`3[[Sitecore.ListManagement.Conten
tSearch.Model.ContactList, Sitecore.ListManagement.ContentSearch],
[Sitecore.ListManagement.ContentSearch.Model.ContactList,
Sitecore.ListManagement.ContentSearch],
Sitecore.ListManagement.Services.Model.ContactListModel, Sitecore.ListManagement.Services]],
Sitecore.ListManagement.Services">
    <param desc="listManager" ref="contactListManager" />
    <param desc="sourceListManager" ref="contactListManager" />
  </param>
  </controller>

  <!-- CONTACT IMPORTER CONTROLLER
      The controller represents the WebApi service that provides Contact
importing functionality from CSV files.
-->
  <controller type="Sitecore.ListManagement.Services.ContactsController,
Sitecore.ListManagement.Services">
    <param desc="listManager" ref="contactListManager" />
    <param desc="contactFilter"
type="Sitecore.ListManagement.ContentSearch.ContactFilter,
Sitecore.ListManagement.ContentSearch" />
  </controller>

  <!-- IMPORT CONTROLLER
      The controller represents the WebApi service that handles functions from
import wizard.
-->
```

```
<controller type="Sitecore.ListManagement.Services.ImportController,
Sitecore.ListManagement.Services">
  <param desc="listManager" ref="contactListManager" />
</controller>

<!-- SEGMENTED LIST CONTROLLER
The controller represents the WebApi service that provides CRUD
functionality for SegmentedList entity
that is displayed on Details Page.
-->
<controller type="Sitecore.ListManagement.Services.SegmentedListController,
Sitecore.ListManagement.Services">
  <param desc="repository"
type="Sitecore.ListManagement.Services.ContactListRepository`3[[Sitecore.ListManagement.Conten
tSearch.Model.SegmentedList, Sitecore.ListManagement.ContentSearch],
[Sitecore.ListManagement.ContentSearch.Model.ContactList,
Sitecore.ListManagement.ContentSearch],
[Sitecore.ListManagement.Services.Model.SegmentedListModel,
Sitecore.ListManagement.Services]], Sitecore.ListManagement.Services">
  <param desc="listManager" ref="segmentedListManager" />
  <param desc="sourceListManager" ref="contactListManager" />
  </param>
</controller>

<!-- LIST LOCKING CONTROLLER
The controller represents the WebApi service that provides functionality for
checking list locks.
-->
<controller type="Sitecore.ListManagement.Services.ListLockingController,
Sitecore.ListManagement.Services">
  <param desc="listManager" ref="contactListManager" />
</controller>
</controllers>
```

## 1.1.15 Changes to App\_Config\Include\Social\Sitecore.Social.Facebook.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.Social.Facebook.config` file:

- Change the value of the `<Social.Facebook.IsOfflineAccess>` setting from *true* to *false*. After this change, the setting should look like this:

```
<setting name="Social.Facebook.IsOfflineAccess" value="false" />
```

## 1.1.16 Changes to App\_Config\Include\Social\Sitecore.Social.ProfileMapping.Facebook.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.Social.ProfileMapping.Facebook.config` file:

- Change the `enabled` attribute of the `<Interests>` field from *true* to *false*. After this change, the field should look like this:

```
<field enabled="false" originalKey="" sitecoreKey="fb interests"
permission="user_interests" access="/me/interests" text="Interests" />
```

## 1.1.17 Changes to App\_Config\Include\Social\Sitecore.Social.ProfileMapping.Linkedin.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.Social.ProfileMapping.Linkedin.config` file:

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- In the <profileKeyMappings> section, find all the Full profile and Contact info fields and change their enabled attribute from *true* to *false*.  
After this change, the fields should look like this:

```
<!-- ===== Full profile fields
===== -->

<!-- 'Proposal comments' field. -->
<field enabled="false" xmlPath="person/proposal-comments"
originalKey="proposal-comments" sitecoreKey="ln_proposal-comments" permission="r_fullprofile"
text="Proposal Comments" />

<!-- 'Associations' field. -->
<field enabled="false" xmlPath="person/associations"
originalKey="associations" sitecoreKey="ln_associations" permission="r_fullprofile"
text="Associations" />

<!-- 'Honors' field. -->
<field enabled="false" xmlPath="person/honors-awards" originalKey="honors-
awards" sitecoreKey="ln honors" permission="r_fullprofile" text="Honors and Awards" />

<!-- 'Interests' field. -->
<field enabled="false" xmlPath="person/interests" originalKey="interests"
sitecoreKey="ln interests" permission="r_fullprofile" text="Interests" />

<!-- 'Publications' field. -->
<field enabled="false" xmlPath="person/publications"
originalKey="publications" sitecoreKey="ln_publications" permission="r_fullprofile"
text="Publications" />

<!-- 'Patents' field. -->
<field enabled="false" xmlPath="person/patents" originalKey="patents"
sitecoreKey="ln_patents" permission="r_fullprofile" text="Patents" />

<!-- 'Languages' field. -->
<field enabled="false" xmlPath="person/languages" originalKey="languages"
sitecoreKey="ln_languages" permission="r_fullprofile" text="Languages" />

<!-- 'Skills' field. -->
<field enabled="false" xmlPath="person/skills" originalKey="skills"
sitecoreKey="ln skills" permission="r_fullprofile" text="Skills" />

<!-- 'Certifications' field. -->
<field enabled="false" xmlPath="person/certifications"
originalKey="certifications" sitecoreKey="ln_certifications" permission="r_fullprofile"
text="Certifications" />

<!-- 'Educations' field. -->
<field enabled="false" xmlPath="person/educations" originalKey="educations"
sitecoreKey="ln_educations" permission="r_fullprofile" text="Educations" />

<!-- 'Three current positions' field. -->
<field enabled="false" xmlPath="person/three-current-positions"
originalKey="three-current-positions" sitecoreKey="ln three-current-positions"
permission="r_fullprofile" text="Three Current Positions" />

<!-- 'Three past positions' field. -->
<field enabled="false" xmlPath="person/three-past-positions"
originalKey="three-past-positions" sitecoreKey="ln three-past-positions"
permission="r_fullprofile" text="Three Past Positions" />

<!-- 'Num recommenders' field. -->
<field enabled="false" xmlPath="person/num-recommenders" originalKey="num-
recommenders" sitecoreKey="ln num-recommenders" permission="r_fullprofile" text="Num
Recommenders" />

<!-- 'Recommendations received' field. -->
<field enabled="false" xmlPath="person/recommendations-received"
originalKey="recommendations-received" sitecoreKey="ln recommendations-received"
permission="r_fullprofile" text="Recommendations Received" />

<!-- 'Date of birth' field. -->
<field enabled="false" xmlPath="person/date-of-birth" originalKey="date-of-
birth" sitecoreKey="ln date-of-birth" permission="r_fullprofile" text="Date of Birth" />

<!-- 'Member url resources' field. -->
```

```

        <field enabled="false" xmlPath="person/member-url-resources"
originalKey="member-url-resources" sitecoreKey="ln member-url-resources"
permission="r fullprofile" text="Member Url Resources" />

        <!-- ===== Contact info fields
===== -->

        <!-- 'Phone numbers' field. -->
        <field enabled="false" xmlPath="person/phone-numbers" originalKey="phone-
numbers" sitecoreKey="ln phone-numbers" permission="r contactinfo" text="Phone Numbers" />

        <!-- 'Im accounts' field. -->
        <field enabled="false" xmlPath="person/im-accounts" originalKey="im-
accounts" sitecoreKey="ln im-accounts" permission="r contactinfo" text="Im Accounts" />

        <!-- 'Twitter accounts' field. -->
        <field enabled="false" xmlPath="person/twitter-accounts"
originalKey="twitter-accounts" sitecoreKey="ln_twitter-accounts" permission="r_contactinfo"
text="Twitter Accounts" />

        <!-- 'Main address' field. -->
        <field enabled="false" xmlPath="person/main-address" originalKey="main-
address" sitecoreKey="ln_main-address" permission="r_contactinfo" text="Main Address" />

```

## 1.1.18 Changes to App\_Config\Include\Sitecore.ContentSearch.Lucene.Index.Analytics.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the Sitecore.ContentSearch.Lucene.Index.Analytics.config file:

1. In the <fieldNames> section, add the following nodes (you can add them anywhere in the section, but in a clean Sitecore installation the new node is placed after the contact.preferredaddress.streetline4 field):

```

        <field fieldName="contact.latestvisitdate" storageType="YES"
indexType="TOKENIZED" vectorType="NO" boost="1f" type="System.DateTime"
format="yyyyMMddTHHmZ"
settingType="Sitecore.ContentSearch.LuceneProvider.LuceneSearchFieldConfiguration,
Sitecore.ContentSearch.LuceneProvider">
            <analyzer
type="Sitecore.ContentSearch.LuceneProvider.Analyzers.LowerCaseKeywordAnalyzer,
Sitecore.ContentSearch.LuceneProvider" />
        </field>
        <field fieldName="visit.startdatetime" storageType="YES"
indexType="TOKENIZED" vectorType="NO" boost="1f" type="System.DateTime"
format="yyyyMMddTHHmZ"
settingType="Sitecore.ContentSearch.LuceneProvider.LuceneSearchFieldConfiguration,
Sitecore.ContentSearch.LuceneProvider">
            <analyzer
type="Sitecore.ContentSearch.LuceneProvider.Analyzers.LowerCaseKeywordAnalyzer,
Sitecore.ContentSearch.LuceneProvider" />
        </field>
        <field fieldName="visit.enddatetime" storageType="YES"
indexType="TOKENIZED" vectorType="NO" boost="1f" type="System.DateTime"
format="yyyyMMddTHHmZ"
settingType="Sitecore.ContentSearch.LuceneProvider.LuceneSearchFieldConfiguration,
Sitecore.ContentSearch.LuceneProvider">
            <analyzer
type="Sitecore.ContentSearch.LuceneProvider.Analyzers.LowerCaseKeywordAnalyzer,
Sitecore.ContentSearch.LuceneProvider" />
        </field>

```

2. In the <locations> sections, find all the following rows:

```
<ThrottlingEnabled>True</ThrottlingEnabled>
```

And replace them with the new ones:

```
<ThrottlingEnabled>False</ThrottlingEnabled>
```

# Configuration File Changes

## 1.1.19 Changes to App\_Config\Include\ContentTesting\Sitecore.ContentTesting.Lucene.IndexConfiguration.config

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ContentTesting.Lucene.IndexConfiguration.config` file:

- Remove the following node from the `<index>` section:

```
<strategies hint="list:AddStrategy">
  <strategy
ref="contentSearch/indexConfigurations/indexUpdateStrategies/syncMaster" />
</strategies>
```

## 1.1.20 Changes to App\_Config\Include\Sitecore.ContentSearch.Solr.Index.Analytics.config.example

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ContentSearch.Solr.Index.Analytics.config.example` file:

- In the `<fieldNames>` section, add the following nodes (you can add them anywhere in the section, but in a clean Sitecore installation the new node is placed after the `contact.identificationlevel` field):

```
<field fieldName="contact.latestvisitdate" returnType="datetime"
format="yyyy-MM-dd'T'HH:mm:ss'Z'" />
<field fieldName="visit.startdatetime" returnType="datetime"
format="yyyy-MM-dd'T'HH:mm:ss'Z'" />
<field fieldName="visit.enddatetime" returnType="datetime"
format="yyyy-MM-dd'T'HH:mm:ss'Z'" />
```

- In the `<locations>` sections, find all the following rows:

```
<ThrottlingEnabled>True</ThrottlingEnabled>
```

And replace them with the new ones:

```
<ThrottlingEnabled>False</ThrottlingEnabled>
```

## 1.1.21 Changes to App\_Config\Include\ContentTesting\Sitecore.ContentTesting.Solr.IndexConfiguration.config.disabled

To upgrade your existing config file to the Sitecore 8.0 rev. 150621 (Update-4) version, you must make the following changes to the `Sitecore.ContentTesting.Solr.IndexConfiguration.config.disabled` file:

- Remove the following node in the `<index id="sitecore_suggested_test_index"...>` section:

```
<strategies hint="list:AddStrategy">
  <strategy
ref="contentSearch/indexConfigurations/indexUpdateStrategies/syncMaster" />
</strategies>
```