

Sitecore CMS 8.0

Upgrade Sitecore Azure from version 7.2 rev. 140411 to 8.0 rev. 150522

Upgrade guide for developers



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Use the following instructions to help you upgrade your Sitecore Azure from version 7.2 rev. 140411 to version 8.0 rev. 150522.

Prerequisites

- Sitecore Azure 7.2 rev. 140411
- Sitecore Azure 8.0 rev. 150522 update package

Upgrade procedure

To upgrade your existing Sitecore Azure 7.2 rev. 140411 installation to Sitecore Azure 8.0 rev. 150522:

1. Back up your site.
2. Make sure that you have installed Windows Azure SDK 2.5.1. There is no need to uninstall previous versions.
3. Disable the `Sitecore.Azure.config` file by adding the extension `.disabled`.
4. Go to `http://<hostname>/sitecore/admin/UpdateInstallationWizard.aspx` and open **Update Installation** wizard. See the [Update Installation Wizard Guide](#) for more information on how to use the wizard.
5. Using the wizard, install the Sitecore Azure 8.0 rev. 150522 update package:
 - Upload the package.
 - Analyze the package.
 - Install the package.
6. Clear your browser cache. For example, in Internet Explorer you do this from **Tools, Internet Options, Browsing History, Delete**, then delete **Temporary Internet files and website files**.

Note

If you have any deployments, they are archived in **All Applications, Archive**.

7. Open the `Sitecore.Azure.config` file and add the following settings:

```
<settings>
  <setting name="Azure.CachingRoleName" value="SitecoreCacheWorkerRole" />
  <setting name="Azure.BulkCopyBatchSize" value="0" />
  <setting name="Azure.CheckAsyncOperationStatusIntervalInMS"
value="00:00:00.500" />
```

8. In the `CreateAzurePackage` pipeline, add the `Sitecore.Azure.Pipelines.CreateAzurePackage.Azure.LiveModeChanges` processor.

```
<processors>
  <CreateAzurePackage>
    ...
    <processor
type="Sitecore.Azure.Pipelines.CreateAzurePackage.Azure.LiveModeChanges, Sitecore.Azure" />
    <processor
type="Sitecore.Azure.Pipelines.CreateAzurePackage.Azure.XDBCLOUDEditionChanges, Sitecore.Azure"
/>
    ...
```

9. In the `CreateDevFabricPackage` pipeline, add the `Sitecore.Azure.Pipelines.CreateAzurePackage.Azure.LiveModeChanges` processor:

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```
<processors>
  <CreateDevFabricPackage>
    ...
  <processor
type="Sitecore.Azure.Pipelines.CreateAzurePackage.Azure.LiveModeChanges, Sitecore.Azure" />
  <processor
type="Sitecore.Azure.Pipelines.CreateAzurePackage.Azure.XDBCloudEditionChanges, Sitecore.Azure"
/>
  ...
```

10. In the DeployAndRun pipeline, add the

Sitecore.Azure.Pipelines.DeployAndRun.Azure.PendingForInnerPipelineJobs processor:

```
<processors>
  <DeployAndRun>
    ...
  <processor
type="Sitecore.Azure.Pipelines.DeployAndRun.Azure.PendingForInnerPipelineJobs, Sitecore.Azure" />
  <processor
type="Sitecore.Azure.Pipelines.DeployAndRun.Azure.ConfigureDiagnostics, Sitecore.Azure" />
  ...
```

11. In the DeleteAzureDeployment pipeline, add the

Sitecore.Azure.Pipelines.DeleteAzureDeployment.DeleteDeployment process:

```
<processors>
  <DeleteAzureDeployment>
    <processor type="Sitecore.Azure.Pipelines.DeleteAzureDeployment.DeleteDeployment,
Sitecore.Azure" />
    <processor
type="Sitecore.Azure.Pipelines.DeleteAzureDeployment.DeleteDiagnosticsExtension, Sitecore.Azure"
/>
  ...
```

12. For all existing deployments, make changes to each slot item in the following fields. The paths of slot items look like this:

```
/sitecore/System/Modules/Azure/<MicrosoftSubscriptionName>/<LocationName>/<FarmName>/<RoleName>/<SlotName>
```

For example:

```
/sitecore/System/Modules/Azure/YmyTest2-Test/North
Europe/Editing01/Role01/Production
```

The Service Definition field

In the **Service Definition** field:

1. Under `<WebRole name="SitecoreWebRole" enableNativeCodeExecution="false" vmSize="Medium">` delete:

```
<Imports>
  <Import moduleName="Diagnostics" />
</Imports>
```

2. Under `<WebRole name="SitecoreWebRole" enableNativeCodeExecution="false" vmSize="Medium"><LocalResources>` change the node:

```
<LocalStorage name="Temp" sizeInMB="102400" cleanOnRoleRecycle="true" />
```

to:

```
<LocalStorage name="Temp" sizeInMB="10240" cleanOnRoleRecycle="true" />
```

3. Under `<WorkerRole name="SitecoreCacheWorkerRole" vmSize="Medium"><Imports>` delete:

```
<Import moduleName="Diagnostics" />
```

The Service Configuration field

In the **Service Configuration** field:

1. Under `<Role name="SitecoreWebRole"><ConfigurationSettings>` **delete**:

```
<Setting name="Microsoft.WindowsAzure.Plugins.Diagnostics.ConnectionString" value="" />
```

2. Under `<Role name="SitecoreCacheWorkerRole"><ConfigurationSettings>` **delete**:

```
<Setting name="Microsoft.WindowsAzure.Plugins.Diagnostics.ConnectionString" value="" />
```

The Connection Strings Patch field

In the **Connection Strings Patch** field:

1. Change the following node from:

```
<xsl:template match="/connectionStrings">
  <connectionStrings>
    <add name="reporting" connectionString="do not remove" />
  </connectionStrings>
</xsl:template>
```

to:

```
<xsl:template match="/connectionStrings">
  <connectionStrings>
    <add name="reporting" connectionString="do not remove" />
    <add name="analytics" connectionString="do not remove" />
    <add name="tracking.live" connectionString="do not remove" />
    <add name="tracking.history" connectionString="do not remove" />
    <add name="tracking.contact" connectionString="do not remove" />
  </connectionStrings>
</xsl:template>
```

The Global WebConfig Patch field

In the **Global WebConfig Patch** field:

1. After the `<xsl:template match="configuration/system.web/sessionState">` add the following node:

```
<xsl:template match="sitecore/tracking/sharedSessionState/@defaultProvider">
  <xsl:attribute
name="defaultProvider">AzureInRoleCacheSessionStateProvider</xsl:attribute>
</xsl:template>

<xsl:template match="sitecore/tracking/sharedSessionState/providers">
  <providers>
    <clear/>
    <add name="AzureInRoleCacheSessionStateProvider"
type="Sitecore.Azure.SessionStateProviders.AzureInRoleCacheSessionStateProvider,
Sitecore.Azure.SessionStateProviders" cacheName="default" dataCacheClientName="default"
applicationName="SitecoreAzure" pollingInterval="5" />
  </providers>
</xsl:template>
```

2. Enable `Sitecore.Azure.config.disabled` file by removing the `.disabled` extension.
3. Upload your environment file.
4. Redeploy your existing deployments.