

Content Composer

Update Guide

Foundation 22.1

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Content Composer Update

This guide provides information on how to update Content Composer from the previous version to the latest version.

Carefully read all the information in this document before you update your installation.

Complete the steps in the following sections as required:

- [Updating Content Composer Server from EP4 to 22.1](#)
- [Updating Content Composer Studio from EP4 to 22.1](#)
- [Updating Content Composer Client from EP4 to 22.1](#)

About the Environment Variable *ComposerDir*

The Content Composer setup creates the environment variable **ComposerDir**, which contains the path to the Content Composer installation directory.

ComposerDir is a system variable and as such visible to all Microsoft Windows users.

Example

If Content Composer was installed in the directory *D:\ContentComposer*, the environment variable has the value *D:\ContentComposer*.

Note: The value of the environment variable ends with a backslash.

Preparing for the Update

To prepare for the update, complete the following steps:

1. To obtain the Content Composer update package **ComposerUpdate_EP4_To_22-01.zip**, contact the Hyland Software Technical Support group.
For a list of Technical Support phone numbers, go to hyland.com/pswtscontact.
2. Save the update package locally on the computer you want to update, so that you can access the files during the update process.

Updating Content Composer Server from EP4 to 22.1

To update a Content Composer server installation:

1. Close all running Content Composer applications.
2. In **Windows Services**, stop the **Composer.Core** service. This stops all other Content Composer services on this computer.
3. Unzip **ComposerUpdate_EP4_To_22-01.zip** into a directory other than the Content Composer installation folder.
The ZIP file contains, among others, a folder named **Update2201**.
4. Copy the content of the folder **Update2201** to the **%ComposerDir%\Admin\Update2201** folder.

5. Back up all repository databases and the configuration files. See [Backing up the Database and Configuration Files](#) for more information.
6. Update Content Composer. See [Updating Content Composer](#) for more information.
7. Restore the configuration. See [Restoring the Configuration](#) for more information.
8. Update the database schema.
 - [Updating a SQL Server Database Schema.](#)
 - [Updating an Oracle Database Schema .](#)
9. Update the system and the configuration files. See [Updating the System and the Configuration Files](#) for more information.
10. Update the odinparameter.config file. See [Updating the odinparameter.config File](#) for more information.
11. Update the UserRepository_Idp.config file. See [Updating the UserRepository_Idp.config File](#) for more information.
12. Restart the following Windows services:
 - Composer.Core
 - Composer.MWS
 - Composer.OWS
 - Composer.XWS (if required)

Backing up the Database and Configuration Files

To retain your unique customizations and back up your databases and configuration files:

1. Create a backup of all Content Composer **Repository** and **Odin** databases.
2. Open a **Command Prompt** window with Administrator rights.
3. Navigate to the directory that contains the content of **ComposerUpdate_EP4_To_22-01.zip**.
4. Execute the following command, replacing [backup directory] with a directory other than the Content Composer installation directory:

```
backupConfiguration.cmd [backup directory]
```

Updating Content Composer

To update Content Composer:

- Run **Content Composer Setup 22.1.0 for Windows (64bit).exe** and follow the instructions in the update wizard.

Restoring the Configuration

To restore the configuration:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory that contains the content of **ComposerUpdate_EP4_To_22-01.zip**.
3. Execute the following command, replacing [backup directory] with the directory you

previously specified for [backing up your settings](#).

```
restoreConfiguration.cmd [backup directory]
```

Updating a SQL Server Database Schema

To update the Content Composer **Repository** and **Odin** database schemes, complete the following steps.

Prerequisite

A database user who is a member of the Content Composer database role **composer_full** or has sysadmin privileges.

1. In the **Repository** database schema, execute the following script:

MSSql_Rep_DB_Schema_Update_EP4_To_2201.sql

Note: You can find the script in the directory **%ComposerDir%\Admin\Update2201**.

2. Review the **Messages** pane for errors. If there are errors, revert to the backup.
3. In the **Odin** database schema, execute the following script:

MSSql_Odin_DB_Schema_Update_EP4_To_2201.sql

Note: You can find the script in the directory **%ComposerDir%\Admin\MS-SQL**.

4. Review the **Messages** pane for errors. If there are errors, revert to the backup.

Updating an Oracle Database Schema

To update the Content Composer **Repository** and **Odin** database schemes, complete the following steps.

Prerequisite

The database user must have the SYSDBA privilege.

1. In the **Repository** database schema, execute the following script:

Ora_Rep_Create_Schema_Update_EP4_To_2201.sql

Note: You can find the script in the directory **%ComposerDir%\Admin\Update2201**.

2. Review the **Messages** pane for errors. If there are errors, revert to the backup.
3. In the **Repository** database schema, execute the following script:

Ora_Rep_CreatePackage.sql

Note: You can find the script in the directory **%ComposerDir%\Admin\Oracle**.

4. Review the **Messages** pane for errors. If there are errors, revert to the backup.
5. In the **Odin** database schema, execute the following script:

Ora_Odin_Create_Schema_Update_EP4_To_2201.sql

Note: You can find the script in the directory **%ComposerDir%\Admin\Update2201**.

6. Review the **Messages** pane for errors. If there are errors, revert to the backup.

Updating the System and the Configuration Files

To update various Content Composer configuration files and replace copied EXE files where applicable:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory **%ComposerDir%\Admin\Update2201**.
3. Execute the following command:

```
CoCoSystemsAndConfigurationUpdate.cmd
```

4. To apply changes for the assembly binding in the configuration files:

1. Open a **PowerShell** window with Administrator rights.
2. Execute the following command:

```
Set-ExecutionPolicy RemoteSigned
```

3. If prompted, type **A**.
4. Navigate to the directory **%ComposerDir%\Admin\Update2201**.
5. Execute the following command:

```
powershell.exe -file "UpdateAssemblyBinding.ps1"
```

5. To update the .NET Framework version number in the configuration files, execute the following command:

```
powershell.exe -file "UpdateDotNetTarget.ps1"
```

Updating the `odinparameter.config` File

The database tables **Odin_Process** and **Odin_Job** contain some new columns required for the integration with Hyland OnBase REST API. To add these new columns to the **odinparameter.config** file, complete the following steps.

1. From the **%ComposerDir%** directory, open **odinparameter.config** with a text editor.
2. Ensure that the following line is present within the `<process>` element. If the line is not already present, insert it as the last line in the `<process>` element.

```
<parameter name="ODP_OB_APIFILE" type="string" direction="i"
size="260" alias="onbaseapifilename" />
```

3. Ensure that the following line is present within the `<job>` element. If the line is not already present, insert it as the last line in the `<job>` element.

```
<parameter name="ODJ_OB_APIFILE" type="string" direction="i"
size="260" alias="onbaseapifilename" />
```

4. Save and close the file.

Updating the UserRepository_Idp.config File

New attributes required for the integration with Hyland IdP have been added to **UserRepository_Idp.config**. To update the file:

1. From the **%Composerdir%** directory, open **UserRepository_Idp.config** with a text editor that supports UTF-8.
2. Add the attributes **scopeClientCredential**, **groupKeyClientCredential**, and **userKeyClientCredential** as shown in the following example:

Example

```
<?xml version="1.0" encoding="utf-8" ?>
<userRepository_Idp
  authority = "https://[IDP-WEB-SERVER]/idp"
  redirectUri = "http://localhost:4200/auth"
  audience="https://[IDP-WEB-SERVER]/idp/resources"
  idpConfigurationURL = "https://[IDP-WEB-SERVER]/idp/.well-known/openid-configuration"
  scopeAuthorizationCode= "openid group iam.user-catalog.read
offline_access"
  scopePasswordGrant = "openid group iam.user-catalog.read
offline_access"
  groupKey = "group"
  userKey = "username"

  scopeClientCredential = "group"
  groupKeyClientCredential = "client_id"
  userKeyClientCredential = "client_id"
/>
```

3. Save and close the file.

Updating Content Composer Studio from EP4 to 22.1

To update a Content Composer Studio installation:

1. Close all running Content Composer applications.
2. Unzip **ComposerUpdate_EP4_To_22-01.zip** into a directory other than the Content Composer installation directory
The ZIP file contains, among others, a folder named **Update2201**.
3. Copy the content of the folder **Update2201** to the **%ComposerDir%\Admin\Update2201** folder.
4. Back up the configuration settings. See [Backing up the Configuration Files](#) for more information.
5. Update Content Composer. See [Updating Content Composer](#) for more information.
6. Restore the configuration. See [Restoring the Configuration](#) for more information.
7. Update the system and the configuration files. See [Updating the System and the Configuration Files](#) for more information.

8. Update the `odinparameter.config` file. See [Updating the odinparameter.config File](#) for more information.
9. Update the Odin stored procedures. See [Updating the Odin Stored Procedures](#) for more information.
10. Update the object rights. See [Updating Object Rights](#) for more information.
11. Update the global rights. See [Updating Global Rights](#) for more information.

Backing up the Configuration Files

To retain your unique customizations and back up your settings, complete the following steps:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory that contains the content of the **ComposerUpdate_EP4_To_22-01.zip** file.
3. Execute the following command, replacing `[backup directory]` with a directory other than the Content Composer installation directory:

```
backupConfiguration.cmd [backup directory]
```

Updating Content Composer

To update Content Composer:

- Run **Content Composer Setup 22.1.0 for Windows (64bit).exe** and follow the instructions in the update wizard.

Restoring the Configuration

To restore the configuration:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory that contains the content of the **ComposerUpdate_EP4_To_22-01.zip** file.
3. Execute the following command, replacing `[backup directory]` with the directory you previously specified for [backing up your settings](#).

```
restoreConfiguration.cmd [backup directory]
```

Updating the System and the Configuration Files

To update various Content Composer configuration files and replace copied EXE files where applicable:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory **%ComposerDir%\Admin\Update2201**.
3. Execute the following command:

```
CoCoSystemsAndConfigurationUpdate.cmd
```

4. To apply changes for the assembly binding in the configuration files:
 1. Open a **PowerShell** window with Administrator rights.

2. Execute the following command:

```
Set-ExecutionPolicy RemoteSigned
```

3. If prompted, type A.
4. Navigate to the **%ComposerDir%\Admin\221** directory.
5. Execute the following command:

```
powershell.exe -file "UpdateAssemblyBinding.ps1"
```

5. To update the .NET Framework version number in the configuration files, execute the following command:

```
powershell.exe -file "UpdateDotNetTarget.ps1"
```

Updating the odinparameter.config File

The database tables **Odin_Process** and **Odin_Job** contain some new columns required for the integration with Hyland OnBase REST API. To add these new columns to the **odinparameter.config** file, complete the following steps.

1. From the **%ComposerDir%** directory, open **odinparameter.config** with a text editor.
2. Ensure that the following line is present within the `<process>` element. If the line is not already present, insert it as the last line in the `<process>` element.

```
<parameter name="ODP_OB_APIFILE" type="string" direction="i"
size="260" alias="onbaseapifilename" />
```

3. Ensure that the following line is present within the `<job>` element. If the line is not already present, insert it as the last line in the `<job>` element.

```
<parameter name="ODJ_OB_APIFILE" type="string" direction="i"
size="260" alias="onbaseapifilename" />
```

4. Save and close the file.

Updating the Odin Stored Procedures


To update the Odin stored procedures, complete the following steps.

1. In **Windows Services**, start the **Composer.Core** service.
2. Launch **Content Composer Studio**.

3. On the **Administration** tab, click **Odin Import Procedure Manager** .

Note: If the **Odin Import Procedure Manager** button is not available on the **Administration** tab, see **Activate Odin Import Procedure Manager** in the *Content Composer Studio Help*.


4. In the **Odin Import Procedure Manager** editor pane, select the database connection that points to the **Odin** database.
5. In the **Output file** box, type the path and name of the SQL output file.

6. To generate the SQL script, on the **Odin Import Procedure Manager** tab, click **Generate** .
7. Execute this script in the **Odin** database schema.

Updating Object Rights

Content Composer 22.1 introduces the new object type **OnBase Document API Configuration**. To grant rights to create, view, modify, and delete **OnBase Document API Configuration** objects to a role, complete the following steps.

Note: You only need to perform these steps in one arbitrary Studio installation.

1. In **Content Composer Studio**, select the system that contains the role objects.
2. Complete the following substeps for each required role.
 1. From the **Navigator** pane, open the required role.
 2. In the **Editor** window, on the **Object Rights** tab, in the **OnBase Document API Configuration (76)** row, assign the appropriate rights.
 3. Save and close the role object.
3. In **Windows Services**, restart the **Composer.Core** service.
4. Complete the following substeps in each Studio installation.
 1. In **Content Composer Studio**, on the **Navigator** toolbar, click the **Show filter list**  button.
 2. In the **Filter Settings** dialog box, select **OnBase Document API Configuration (76)** and then click **OK**.

Updating Global Rights

Content Composer 22.1 introduces new global rights for **DB Alias Administration**, **Odin Import Procedure Manager**, **Odin Views**, **Query Assistant**, **Remote Control**, and **System Administration**. To grant the rights to a role, complete the following steps.

Note: You only need to perform these steps in one arbitrary Studio installation.

1. In **Content Composer Studio**, select the system that contains the role objects..
2. Complete the following substeps for each required role.
 1. From the **Navigator** pane, open the required role.
 2. In the **Editor** window, on the **Global Rights** tab, assign the rights as required.
 3. Save and close the role object.
3. In **Windows Services**, restart the **Composer.Core** service.

Updating Content Composer Client from EP4 to 22.1

To update a Content Composer Client installation:

1. Close all running Content Composer applications.
2. Unzip **ComposerUpdate_EP4_To_22-01.zip** into a directory other than the Content Composer

installation directory

The ZIP file contains, among others, a folder named **Update2201**.

3. Copy the content of the folder **Update2201** to the **%ComposerDir%\Admin\Update2201** folder.
4. Back up the configuration settings. See [Backing up the Configuration Files](#) for more information.
5. Update Content Composer. See [Updating Content Composer](#) for more information.
6. Restore the configuration. See [Restoring the Configuration](#) for more information.
7. Update the configuration files. See [Updating the System and the Configuration Files](#) for more information.

Backing up the Configuration Files

To retain your unique customizations and back up your settings, complete the following steps:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory that contains the content of the **ComposerUpdate_EP4_To_22-01.zip** file.
3. Execute the following command, replacing [backup directory] with a directory other than the Content Composer installation directory:

```
backupConfiguration.cmd [backup directory]
```

Updating Content Composer

To update Content Composer:

- Run **Content Composer Setup 22.1.0 for Windows (64bit).exe** and follow the instructions in the update wizard.

Restoring the Configuration

To restore the configuration:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the directory that contains the content of the **ComposerUpdate_EP4_To_22-01.zip** file.
3. Execute the following command, replacing [backup directory] with the directory you previously specified for [backing up your settings](#).

```
restoreConfiguration.cmd [backup directory]
```

Updating the System and the Configuration Files

To update the configuration files and replace copied EXE files where applicable:

1. Open a **Command Prompt** window with Administrator rights.
2. Navigate to the **%ComposerDir%\Admin\Update2201** directory.
3. Execute the following command:

```
CoCoSystemsAndConfigurationUpdate.cmd
```

4. To update the .NET Framework version number in the configuration files, execute the following command:

```
powershell.exe -file "UpdateDotNetTarget.ps1"
```