

Sitecore Commerce Upgrade Instructions

Sitecore Commerce 8.2.1 Update-3

Instructions for upgrading from Sitecore Commerce 8.2.1 Update 2 to 8.2.1 Update-3



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Chapter 1

Upgrading the Sitecore Commerce solution

This document provides instructions on how to upgrade a Sitecore Commerce 8.2.1 deployment, from Update-2 to Update-3.

This document contains the following sections:

- Initial assumptions
- Overview of the upgrade process

1.1 Initial assumptions

The instructions in this document assume the following conditions for an on-premises solution:

- Sitecore XP 8.2 Update-7 is deployed (upgrade instructions are available [here](#))
- Sitecore XC 8.2.1 Update-2 is deployed, including all components
- You have applied any account-specific data and customizations
- You have downloaded and extracted the Sitecore Commerce 8.2.1 Update-3 release package (available from the [Sitecore Experience Commerce Download](#) page).

1.2 Overview of the upgrade process

Upgrading your Sitecore Commerce 8.2.1 Update-2 system to Update-3 involves the following steps:

- Update the Commerce Engine
- Bootstrap the Commerce Engine
- Update Commerce Connect
- Update Commerce Engine Connect and Commerce Server
- Update the data templates
- Perform an IIS reset
- Republish and rebuild the search indexes
- Verify changes in the Storefront

1.2.1 Update the Commerce Engine

When you update the Commerce Engine, you must compile the Commerce Engine (using the 8.2.1 Update-3 SDK) and then replace the Commerce Engine binaries on your 8.2.1 Update-2 system).

On your Sitecore Commerce 8.2.1 Update-2 system:

1. Open IIS Manager and stop all Commerce Engine sites (for example, CommerceAuthoring).
2. Compile the Commerce Engine as described in the [Sitecore Commerce DevOps Guide](#).

Note

Merge any custom code changes you made to the 8.2.1 Update-2 Commerce Engine with the new Update-3 Commerce Engine before you execute the `dotnet publish` command.

3. Replace all existing .dll files with the 8.2.1 Update-3 versions of the .dll files in each Commerce Engine service folder (for example, `c:\inetpub\wwwroot\CommerceAuthoring`).

Note

Do NOT replace any of the data or json configuration files below the parent folder.

4. If your existing 8.2.1 Update-2 system contains any customizations to the environment configuration (that is, any changes from the default configuration), propagate those changes to the new environment configuration files for 8.2.1 Update-3, then copy and replace the merged files in the Commerce Engine "wwwroot" folder.
5. Open IIS Manager and restart all Commerce Engine sites.

1.2.2 Bootstrap the Commerce Engine

You must bootstrap the Commerce Engine to propagate the changes into the global database.

The Sitecore Commerce SDK includes Postman samples for DevOps operations, so that you can access the Sitecore Commerce API directly. The following instructions assume that you are using Postman to exercise the Sitecore Commerce API and that you have imported the Adventure Works and Habitat environments into Postman.

To run the bootstrap operation:

1. Launch the [Postman](#) application.
2. In the **Collections** pane, navigate to the `SitecoreCommerce_DevOps` folder.
3. Open the `1 Environment Bootstrap` folder, and execute the `Bootstrap Sitecore Commerce` call.

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1.2.3 Update Commerce Connect

You use the Sitecore Installer to update Commerce Connect.

To update Commerce Connect:

1. Launch the Sitecore Installer and install the the Sitecore Commerce Connect 10.3.*.zip package. Choose the **Overwrite** option for all files, and the **Merge** option for all Sitecore items.
2. Optionally, install the `Sitecore.Commerce.Habitat.Images-1.0.0.zip` and the `Adventure Works Images.zip` packages (note there are no changes since Update-2).

1.2.4 Update Commerce Engine Connect and Commerce Server

To update the Commerce Engine Connect and the Commerce Server modules:

1. Open a browser and launch the **Sitecore Update Installation Wizard** (<https://<server>/sitecore/admin/UpdateInstallationWizard.aspx>).
2. Perform steps 3 to 5 for the following packages:
 - `Sitecore Commerce Server Connect.10.3.xx.update`
 - `Sitecore.Commerce.Engine.Connect.1.3.xxxx.update`
 - `Sitecore Commerce Business Tools Shared.1.3.xx.update`
 - `Sitecore Commerce Merchandising Manager.11.1.xxx.update`
 - `Sitecore Commerce Customer and Order Manager.1.3.xx.update`
 - `Sitecore Commerce Pricing and Promotions Manager.1.3.xx.update`
 - `Sitecore.Reference.Storefront.Common.10.3.xxx.update`
 - `Sitecore.Reference.Storefront.Powered.by.SitecoreCommerce.10.3.xxx.update`
3. Click **Select a package** in the first window, and then select the appropriate package (for example, **Sitecore Commerce Server Connect.10.3.xx.update**) in the next window.
4. Click **Analyze the package** to identify any potential conflicts.
5. Click **Install the package** to install the update module.
6. Repeat for each package listed above.

Note

If you have customized the Reference Storefront based on the SDK, you must merge your custom code into the new SDK provided in this release and rebuild your own Storefront packages.

Note

If you have changed any configuration files (for example, `/App_Config/Include/Reference.Storefront/Reference.Storefront.config` or `/App_Config/Include/CommerceServer/CommerceServer.Profiles.config`), you must check the corresponding packages after the installation and merge your changes into the latest content, as required.

Sitecore Commerce 8.2.1 Update-3 introduces some new configuration settings. See the [Sitecore Commerce DevOps Guide](#) for details.

1.2.5 Update the data templates

To update the data templates:

1. Log into Sitecore Launchpad (<https://<host>/sitecore>) and click on **Content Editor**.
2. Click on the Commerce tab.
3. Click **Delete Data Templates**.
4. Click **Update Data Templates**.

1.2.6 Perform an IIS reset

To perform an IIS reset:

1. Open IIS Manager and perform an IIS reset.

1.2.7 Republish and rebuild the search indexes

Republish the site and re-index the Core, Master and web indexes.

1. Log into Sitecore Launchpad (<https://<host>/sitecore>) and click on **Content Editor**.
2. Click on the **Publish** tab.
3. Click **Publish** and select **Publish site** from the drop-down menu.
4. In the **Publish Site** window, select **Republish – publish everything** and click **Publish**.
5. Return to the Sitecore Launchpad and click on **Control Panel**.
6. Click on **Indexing manager**.
7. Select the following indexes from the Local Indexes list and click **Rebuild**:
 - `sitecore_core_index`
 - `sitecore_master_index`
 - `sitecore_web_index`

1.2.8 Verify changes in the Storefront

To confirm that you have upgraded your system successfully, start your 8.2.1 Update-3 Storefront site and verify that the site is working as expected.