



Developer Foundation
Course

Module 4: Workbook

Sitecore Versions: 8.0, 8.1, 8.2



MODULE 4: Working with Sitecore Publishing

In this module, you will learn how to publish to make content available in the content delivery environment. You will become familiar with the end user experience in Sitecore and learn about publishing options and restrictions.

By the end of this module, you will be able to:

- Use the publishing feature.
- Describe publishing options.
- Set publishing restrictions.
- Describe the purpose of the Core, Master and the Web database.
- Describe a publishing target.

Sitecore Databases



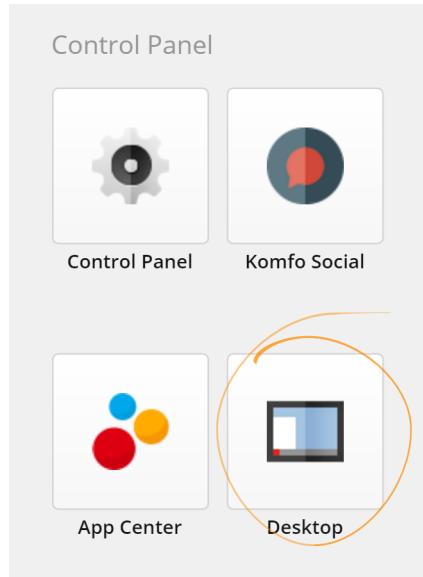
Peter would like an environment where his authors can work on their content without the visitors of their site seeing it before it is ready. He investigates what options he has to support this in Sitecore.

Lab 4.1: Viewing Content in Different Databases

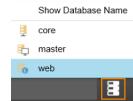
In this lab, you will check the content in the other Sitecore databases using the Desktop interface.

Looking at the content of the web database

1. From the Sitecore **Launchpad**, open the Desktop interface (the icon is in the Control Panel section).



2. In the bottom-right corner, click the database icon to switch to the Web database.



3. Click on the **Sitecore logo** on the bottom-right corner. This opens the Sitecore menu, where you can select the application to open on the Desktop.
4. Choose the **Content Editor**. This is the same interface you have used previously, except it is now inside the Desktop instead of using the full browser tab.

Notice the content and templates that you have created are not there. This is because you are now looking at the contents of the Web database, not the Master database, which is where you have made all the changes.

NOTE: You should never make changes directly to the Web database because the changes will be overridden during the next publish operation. However, it is still useful to be able to access the Web database if you ever need to check if certain content has actually been published or not.

Sitecore Publishing



Peter has a team that creates a lot of content during the day and he would like to offer them the ability to push this content to the live server when the content is ready to be seen by the public.

Lab 4.2: Publishing your Content

In this lab, you are going to perform a publish operation and check the effect it has on the content of the Web database.

Publishing

1. Ensure you are still on the Desktop interface.
2. Use the database selector to choose the Master database.
3. Press **F9** to open the Publishing dialog.
4. Select **Incremental** as the publishing mode.
5. Click **Select all** to publish all languages.
6. Click **Publish**.
7. When the publishing report appears, click **Close**.
8. Use the database selector and choose the web database again. Open the **Content Editor** and verify that it now contains all the changes you have made so far.

- When you have finished, select the **Master** database again.

NOTE: You need to *select the Master database again*, otherwise the changes we make in the following labs would only be made on the Web database.

Lab 4.3: Enabling Live Mode

In this lab, you are going to enable live mode. This will make Sitecore get the data for the live site from the Master database and ignore the content in the Web database. This means when you start developing the presentation later on you will not have to do any publishing to see changes reflected in the live site.

- Open the folder with the webroot of the Sitecore installation located at C:\inet-pub\wwwroot\jobs.tac.local\Website.
- Navigate to the *App_Config\Include* folder.
- Locate the *LiveMode.config.example* and rename it *LiveMode.config*.

The files inside the *App_Config\Include* folder modify *web.config*. You will learn more about this later on in the course. The main advantage of using include files is that you can better control configuration changes between environments and you also make deployments and upgrades a lot easier.

Questions and Answers

Q1: Why would you need to run a full republish?

Q2: If you set up some publishing restrictions, will Sitecore automatically publish that content at that exact time?

Q3: What is the difference between the Master and Web database?

Q4: Should a user work directly in the Web database if they need something to go live immediately?

Review

In this module, you have learned how to:

- Publish content from the Master to the Web database
- Use the different publishing modes
- Set restrictions on publishing