



Installation QuickStart

OneWeb CMS 7 is a native ASP.NET 4.0 Content Management System that leverages the performance and scalability of the Microsoft .NET platform.

This Installation QuickStart outlines the minimum requirements for getting OneWeb CMS 7 up and running as a new website using Internet Information Services (IIS) on a Microsoft Windows Server with a Microsoft SQL Server database. Administrative access to the server is required to install OneWeb CMS 7, along with the required technical knowledge to configure this hosting platform.

System Requirements

- Microsoft Windows Server 2008, 2008R2, or 2012 (with the latest Service Pack)
- Internet Information Services (IIS) 7.x or 8
- Microsoft .NET Framework 4.0 (with the latest Service Pack)
- Microsoft SQL Server 2005, 2008, or 2008R2 (with the latest Service Pack)
- An SMTP server must be accessible from the web server for the workflow notification, form auto-responses, and password reset functionality.
- For site administration, the current and prior major release of Firefox, Chrome, and Safari, or Internet Explorer 7 through 10.

Recommended minimum hardware: 2 GHz dual-core CPU, 4 GB RAM, 500 MB disk space

Required Installation Steps

Configure IIS

1. Add a new Web Site using Internet Information Services Manager, specifying the Host Name and assigning an appropriate Application Pool. Copy the website files into the physical path specified for the Content Directory.
2. Verify that the chosen Application Pool is configured to use .NET Framework version 4.0.30319 and that Managed pipeline mode is set to Classic.
3. In the Features for this Web Site, configure the following settings:
 - Set the Handler Mappings Permissions to Read and Script but not Execute
 - Set the Default Document to default.aspx

- Enable the Custom Error Pages feature and set the Error Pages for Status codes 403, 404, 405, and 500 to Execute URL: /default.aspx

Note: do not set this for Status Sub-codes, i.e. 404.2

Configure folder permissions

4. Using Windows Explorer, configure the Security properties of the following Web Site folders for the identities used by the chosen Application Pool and Web Site:
 - Recursive R/X file system access to the Web Site Content Directory
 - Recursive R/W/D file system access to the /site/media folder inside the Web Site Content Directory
 - Recursive R/W/D file system access to the /App_Data folder inside the Web Site Content Directory

Prepare database

5. On Microsoft SQL Server, restore the database backup file provided
6. Create a SQL Server login for use with OneWeb CMS, granting it the public role on the restored OneWeb database and the SQLAgentUserRole on the built-in MSDB database.
7. Using SQL Server Management Studio, rebuild the two Full Text Catalogs within the Storage folder (Content and Documents).
8. Update the DomainName field of the Site table of the restored OneWeb database using the appropriate Host Name (domain name) for the Web Site.

Edit web.config settings

9. Using a text editor such as notepad, edit the web.config file located in the Web Site Content Directory to specify the following settings:
 - Edit the database connection string(s) with the appropriate connection information:
`<add name="OneWebCMS" value="server=; database=; uid=; pwd=" />`
 - Edit the SMTP settings section with the appropriate connection information:
`<smtp deliveryMethod="Network" from="">
 <network host="" port="" defaultCredentials="" />
</smtp>`