



User manual

System Requirements

DYNAMICWEB 8

Version: 2.0
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INTRODUCTION

What this document is about

This document specifies the hardware and software requirements when hosting the Microsoft .NET Framework-based version of Dynamicweb.

Where this document applies

This document applies to self-hosting of Dynamicweb.

No information about hosting provided by Dynamicweb Software can be inferred from this document.

Who this document is for

This document is for technical staff of partners or customers, considering hosting their own Dynamicweb solution.

1 HARDWARE RECOMMENDATIONS

This section states the minimum hardware recommendations for hosting the .NET Framework-based version of Dynamicweb.



Hardware recommendations may change without notice.

The following minimum hardware configuration will be able to handle traffic equivalent to 5-10.000 daily sessions depending on implementation and module usage.

Processor: Dual or Quad-Core Intel® -processor - or equivalent (Quad-Core if visitor counts tend to spike)

Memory: Minimum of 2.0 GB (4.0 GB when running SQL server). The amount of content and concurrent visitors will affect the required amount of memory required.

Storage: SAS hard disks in RAID level 1 configuration.

2 SOFTWARE REQUIREMENTS

This section states the software requirements for hosting the .NET Framework-based version of Dynamicweb.



- Using software versions other than those stated may affect your solution. Test software interoperability thoroughly prior to using newer versions.
 - Software requirements may change without notice.
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2.1 Operating System

Dynamicw must be installed on one of the following operating system (OS) platforms:

- Microsoft Windows Server 2008
- Microsoft Windows Server 2008 (x64)
- Microsoft Windows Server 2012 (x64)

Dynamicweb Software recommends the following version of the Windows operating system for new installations:

- Microsoft Windows Server 2012 R2 (x64)

For stable and secure service, it is recommended that the operating system is kept up to date with the latest service packs and updates.

2.2 System components

The following system components must be available on the server running the system.

2.2.1 IIS

IIS must be installed and configured for .NET

- IIS 7
- IIS 7.5
- IIS 8
- IIS 8.5

2.2.2 Microsoft .NET framework

Microsoft .NET Framework Version 4.5.1 is required. The latest updates can be downloaded from the *.NET* section of Microsoft Download Center:

<http://www.microsoft.com/downloads/search.aspx>

2.2.3 Microsoft Access Database Engine 2010 Redistributable

With the release of Dynamicweb 8.6.1 this component is no longer required.

This component is required only on X64 versions of Windows Server.

Microsoft Access Database Engine 2010 Redistributable is required for the administration UI can be translated in X64 environments since the translation keys are stored in a Microsoft Access database.

The latest version and updates can be downloaded from the *Microsoft Access Database Engine 2010 Redistributable* section of Microsoft Download Center:

<http://www.microsoft.com/downloads/search.aspx>

2.2.4 Operating system settings

A number of features in Dynamicweb management center, i.e. the management of host headers, Dynamicweb versions and webdav requires that the application pool identity has elevated privileges. Hosting the installation at Hostnordic, this is not required, but UAC needs to be disabled.

3 DATABASE REQUIREMENTS

This section states the database requirements for hosting Dynamicweb 8.

3.1 Microsoft SQL Database

The following databases are required for running Dynamicweb

3.1.1 Microsoft SQL Server

Dynamicweb must be run on one of the following Microsoft SQL Server editions:

- Microsoft SQL Server 2008
- Microsoft SQL Server 2008 R2
- Microsoft SQL Server 2012
- Microsoft SQL Server 2014 (unofficial support as of July 2014)

Web edition is the database of choice for most installations. Some hosting environments or scenarios could require or benefit from a standard edition.

Dynamicweb Software recommends the following version of the Windows operating system for new installations:

- Microsoft SQL Server 2012 Web Edition (x64)

Updates and service packs can be downloaded from the *SQL Server* category of Microsoft Download Center:

<http://www.microsoft.com/downloads/search.aspx>



Dynamicweb in lower visit scenarios can also be run on Express versions of the SQL-Server but this is not recommended and will not be supported by Service desk personnel
