_server_system_requirements_5.17x

This page describes additional software and infrastructure you'll need to run WebSpellChecker Server. We recommend familiarizing with it before installing WebSpellChecker Server.

> ⚠ The information on this page applies to **WebSpellChecker Server 5.17.0 and higher**.

- Use WebSpellChecker Server only with a supported platform. Any platforms and versions not listed on this page are unsupported, which means we don't test, fix bugs or provide assistance on any issues that may occur.
- We recommend visiting our blog to see if there are any End of Support Announcements for upcoming changes to supported platforms.

Software prerequisites

WebSpellChecker Server package requires the following software:

1. One of the supported operating systems installed on a dedicated server or virtual machine;
2. Web server to serve static files (web content);
3. JRE or JDK with JVM installed to enable the grammar engine;
4. One of the supported browsers for correct display of product functionality integrated in your web application.

Supported platforms and environments

	Supported platform(s)	Supported version(s)	Notes
Operating systems	Windows Server	- Windows Server 2012 - Windows Server 2012 R2 - Windows Server 2016 - Windows Server 2019 - Windows Server 2022	Supported OS with a 64-bit architecture only and the ones supported by their respective providers.
	Linux Distributives	- Ubuntu Server 20.04 LTS - CentOS 7.0 - Red Hat Enterprise Linux (RHEL) 7.0	
Web servers	Internet Information Services (IIS)	8.0+	
	Apache HTTP Server	2.4.x	
	NGINX	1.20+	
Java Runtime Environment (JRE) or Java Development Kit (JDK) with Java Virtual Machine (JVM)	Windows, Linux	1.8+	64-bit version of Java 8 or higher is required. Recommended to use LTS versions only. WebSpellChecker AppServer will try to automatically detect Java Virtual Machine (JVM). If you prefer to set up or change a path to JVM manually, refer to the Enabling Grammar Engine guide. Default Docker image with WebSpellChecker uses OpenJDK offered by Ubuntu (default-jre package). You can also download and install OpenJDK from their official web page.

Supported browsers

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⚠ All browsers listed in the table below support web pages working in **standard mode**.

	Supported browser(s)	Supported version(s)	Notes
Web browsers	Chrome	The latest stable version	
	Microsoft Internet Explorer (IE)	9.0*, 10.0*, 11.0	* Support of IE 9.0 and 10.0 is available for the SCAYT plugin for CKEditor 4 only. ⊘ The compatibility view or quirks mode in IEs is **not supported**.
	Microsoft Edge	The latest stable version	
	Mozilla Firefox	The latest stable version	
	Safari	The latest stable version on Mac OS X only	
Mobile and tablet browsers	Chrome for Android	The latest stable version	
	iOS Safari	The latest stable version	

✓ For hardware requirements of the self-hosted version of WebSpellChecker Server, please refer to DRAFT Hardware requirements for v5.17.0+.