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Setup: System requirements

For a trouble-free installation of the current version of BlueSpice 4, we recommend the following system requirements.

Browser

- Microsoft Edge
- Google Chrome
- Firefox

Server Environment

- **Operating system:**
 - We strongly recommend Linux (preferably Debian 11, Ubuntu 22.04, CentOS 7)
 - You might use Windows Server starting at 2016, but we have seen performance issues on Windows Server
- **Webserver:**
 - Apache 2.4.x, IIS >= 10 *or* nginx 1.x (*nginx not possible in WikiFarm*)
- **PHP:**
 - PHP 8.1 / PHP 8.2
- **Database:**
 - MySQL: >= 5.6 *or*
 - MariaDB >= 10.3
- **(Virtual) hardware requirements:**
 - **CPU:**
 - **Linux: 8 Cores** (min. 4 Cores)
 - Windows: 16 Cores (min. 8 Cores)
 - **Main memory:**
 - **Linux: 16 GB** (min. 8GB)
 - Windows: min. 16 GB
 - **Available hard drive space:**
 - > 20 GB (depends on the planned storage of data)
- **Other:**
 - Apache Tomcat >= 9 *oder* Jetty >= 9 (for PDF export and LaTeXRenderer)
 - Elasticsearch 6.8 with plugin "ingest-attachment"
 - OpenJDK >= 10
 - NodeJS 16