

# pCon.configurator Online 4.14 System Requirements

## Hardware Setup

The hardware setup is strongly depending on the data, the use-case and the expected number of user accesses. The more users access the service at the same time, the stronger must be the server hardware to process the requests in a reasonable time.

Following you find parameters which influence the system setup:

Processor	<ul style="list-style-type: none"> <li>• Number of parallel sessions</li> <li>• Number of image renderings</li> <li>• Complexity of OFML data</li> <li>• CPUs with a high clock-rate are better than lower clocked CPUs with more cores. The image generation e.g. is always executed by only one core.</li> </ul>
System Memory	<ul style="list-style-type: none"> <li>• Number of parallel sessions</li> <li>• Number of OFML catalogs</li> </ul>
Disc Space	<ul style="list-style-type: none"> <li>• 1 GB installation of pCon.configurator Online</li> <li>• Session cache (depending on number and size of sessions and implementation of the User interface)</li> <li>• OFML data</li> <li>• Log-File (can be several GB)</li> <li>• Image Cache (size can be configured)</li> </ul>

A suggested setup for a usual number of parallel user accesses with a reasonable response time:

Processor	4 Core (class > 3.4 GHz) (e.g. Intel® Core™ i7 with Hyper-Threading)
System Memory	64 GB ECC RAM
Disc Space	300 GB SAS 6 Gb/s 15000 rpm

**Note:** Furthermore the server needs a dedicated network interface with MAC address.

## Operating System

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### Operating System

- Red Hat Enterprise Linux (RHEL) 8 <sup>1</sup>
  - Red Hat Enterprise Linux (RHEL) 9 <sup>1</sup>
  - CentOS 7 <sup>1</sup>
  - Debian 11 <sup>1</sup>
  - Microsoft Windows Server 2016 <sup>2</sup>
  - Microsoft Windows Server 2019 <sup>2</sup>
  - Microsoft Windows Server 2022 <sup>2</sup>
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## Further Requirements

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### Required Packages for all operating systems

- Java 8 Runtime Environment
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Required Packages for Linux	Library	Package Debian	Package RHEL
	libuuid.so.1	libuuid1:amd64	libuuid.x86_64
	libz.so.1	zlib1g:amd64	zlib.x86_64
	libxml2.so.2	libxml2:amd64	libxml2.x86_64
	librt.so.1 libdl.so.2 libm.so.6 libpthread.so.0 libc.so.6 ld-linux-x86-64.so.2	libc6:amd64	glibc.x86_64

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<sup>1</sup> By using pCon.configurator Online on this operation system the SKP export is not available.

<sup>2</sup> Required for SKP export.