

Product Documentation

System Requirements: pCon.configurator Online (EAIWS 4.13)

Hardware

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"> • Number of parallel sessions • Number of image renderings • Complexity of OFML data • 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.
System memory:	<ul style="list-style-type: none"> • Number of parallel sessions • Number of OFML catalogs
Disc space:	<ul style="list-style-type: none"> • 1 GB installation of pCon.configurator Online • Session cache (depending on number and size of sessions and implementation of the User interface) • OFML data • Log-File (can be several GB) • Image Cache (size can be configured)

Example setup

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

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

Operation system

- Operation system:
- Red Hat Enterprise Linux 8 ¹
 - Red Hat Enterprise Linux 9 ¹
 - CentOS 7 ¹
 - Debian 11 "Bullseye" ¹
 - Microsoft Windows Server 2012 R2 64 Bit ^{2 3}
 - Microsoft Windows Server 2016 64 Bit ²
 - Microsoft Windows Server 2019 64 Bit ²
 - Microsoft Windows Server 2022 64 Bit ²
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- Required Packages for all systems
- Java 8 Runtime Environment

- Required Packages for Linux:
- zlib-1.2.3 for /lib64/libz.so.1
 - libuuid-2.17.2 for /lib64/libuuid.so.1
 - libjpeg-6b for /usr/lib64/libjpeg.so.62
 - libtiff-3.9.4 for /usr/lib64/libtiff.so.3 and /usr/lib64/libtiffxx.so.3
 - libpng-1.2.49 for /usr/lib64/libpng12.so.0
 - libstdc++-4.4.6 for /usr/lib64/libstdc++.so.6
 - freetype-2.3.11 for /usr/lib64/libfreetype.so.6
 - expat-2.0.1-11 for /usr/lib64/libexpat.so.1
 - fontconfig-2.8.0-3 for /usr/lib64/libfontconfig.so.1
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¹ By using pCon.configurator Online on this operation system the SKP export is not available.

² Required for SKP export.

³ Support will end 10th of October 2023. This is also the official end of support announced by Microsoft (see [here](#)).