



General Requirements for On-Premise-Installations

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The target instance must fulfill the following requirements:

- 12 GB RAM minimum, 16 GB recommended
- x64 CPU with minimum 2 cores, 4 cores recommended and at least 2 GHz per core
- Minimum 40 GB of free hard disk space
- Opened incoming ports: http/80 (TCP), https/443 (TCP), https/8090 (TCP)
- Optional: Opened outgoing ports for
 - preconfigured SMTP-Server (StartTLS Port 587) by Simplifier
 - your backend systems to configure and reach the data sources successfully
 - SSL Certificate for encrypted https traffic in frontend access
- Operating system :
 - **Windows**
 - Windows 10 Professional
 - The runtime is specified, but not as a Windows Service. The Docker Containers only stay on and run in a locked user session.
 - **Linux**

In general, the Docker Engine can run on all Linux versions with kernel version >= 3.10, but for the following versions, there are "official" releases. If you are not sure about compatibility, visit the Docker website (<https://docs.docker.com/install/>).

Tested Distributions:

 - Ubuntu: 64-Bit Versions of Ubuntu 18.04 (Bionic Beaver), 16.04 (Xenial) or 14.04 (Trusty)
 - CentOS 7.3: 64-Bit
 - Debian: Debian Stretch (Testing), Jessie (8.0), Wheezy (7.7, with Kernel-Update to version 3.10)
 - Fedora: Versions 24 & 25
 - RHEL (Redhat Enterprise Linux) und SUSE Enterprise are officially supported only by paid Docker variants (EE), Installations from CentOS Repository respectively OpenSUSE Repository are possible to use

Depending on what kind of maintenance service level has been defined, we may need access to your machine in order to install updates or analyze logs. In this case, the target machine should fulfill the following additional requirements:

- Your server is connected to the Internet (e.g. for Downloads from download.simplifier.io and pulling updates of our Software from [Dockerhub.com](https://hub.docker.com))
- SSH daemon is installed and running (preferable on port 22)
- Site-to-Site VPN must be configured for maintenance and direct access for development

„D-Q-P“-landscape

To ensure high availability and qualified operations, it is necessary to build a three-stage system landscape (= DQP-landscape: development, quality, production). Please note that the system requirements for a DQP-landscape are tripled.

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