

Bridge Installation Using Docker

Bridge 7.5.0 The BRIDGE software is available as a docker image that can directly be used for installation.

You can choose between two images

- **bridge**, an image that uses HTTPS as incoming protocol
- **bridge_http**, an image that uses HTTP as incoming protocol

The **bridge_http** image is to use with a proxy where the communication between proxy and BRIDGE does not need to be encrypted.

Each docker container needs a separate BRIDGE license.

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Related Pages:

- [Installing the BRIDGE Image to a Docker Container](#)
- [Updating a Docker Installation of the BRIDGE](#)
- [Uninstalling a Docker BRIDGE](#)
- [Creating Your Own BRIDGE Docker Image](#)

Prerequisites

Please consider the following prerequisites regarding Docker installation of the BRIDGE.

The software uses [Docker](#) to run.

- The [Docker Community Edition \(CE\)](#) (version 18.06 or newer) is sufficient to run the software. The provided Docker containers are Linux containers. Refer to the [Docker documentation pages](#) for more information on supported platforms and how to install Docker.
- As Docker host, we support Linux, namely the following Linux distributions:
 - RedHat/CentOS
 - Ubuntu
- The Docker tool [docker-compose](#) (version 1.23 or newer) must be installed.

Preferences of the BRIDGE Docker Image

The Docker image of the BRIDGE has the following internal preferences. These preferences (with exception for the passwords) cannot be changed.

Name	Value
hostname	localhost
BRIDGE port	8080
admin user	admin/admin
BRIDGE user group	bridge
BRIDGE user	bridge
BRIDGE program directory	/opt/bridge_prog
BRIDGE data directory	/opt/bridge_data

The following packages are already installed:

Package	Description
sudo	The BRIDGE proxy uses sudo to be able to open ports below 1024.
procps	Used to kill processes.
curl net-tools vim	Support tools.
gnupg apt-transport-https	Used to install the MS SQL Server client library.
mysql-client	MySQL database client.
mssql-tools	Microsoft SQL Server database client.

instantclient-basiclite-<version>	Oracle database client.
db2_odbc_cli	DB2 database client.