

# Server requirements

## Mandatory dependencies

Check these dependencies, if you have an existing server environment, that you want to use.

If you want to install the server environment from the scratch, go to [Server environment - configure from scratch](#).

- System **and Apache** locale must be UTF8 capable!
  - The translate5 apache setup should be on a domain encrypted with a SSL certificate so that data communication will be encrypted!
- Apache2 webserver >= 2.2.x with the following Apache modules enabled
  - rewrite
  - filter
  - deflate
  - headers
  - expires
- MySQL >=8.0.17 and MariaDB >= 10.6 ([enabled innodb\\_file\\_per\\_table is recommended](#))  
(Please note, that translate5 used to run on MSSQL. translate5 still is able to run on other SQL-Databases than MySQL with some testing and adjustments to the code. Please contact the developers, if you need this.)
- PHP 8 with the extensions installed and enabled
  - dom (could also be named xml)
  - intl
  - json
  - fileinfo
  - gd with Freetype-Support
  - iconv
  - mbstring
  - pdo\_mysql
  - zip ( to install (php 8) if does not exist: `sudo apt-get install php8-zip`)
  - curl ([ensure that your local CA list is up-to-date](#))
- Oracle JDK 8

## Hardware requirements

The following requirements refer to a small production instance. For recommendations for bigger installations please contact service `_att_ translate5 - dot- net`.

- **CPU:** 4 CPUs (for small installations without some or all of the micro-services translate5 uses 2 CPUs are sufficient)
- **Available Memory:** 8GB (for small installations without some or all of the micro-services translate5 uses 4 GB are sufficient)
- **Hard Disk:** Depends very much on how much projects you want to keep inside of translate5. Recommended at at least 50GB. SSD disk recommended