

Hardware requirements

Docker-compose deployment (on a single server)

- Docker version: 1.13+
- Minimal configuration: 4 vCPU, 8 GB RAM

Helm-based deployment

- Kubernetes version: 1.18+
- Minimal namespace limits: TODO

Component specific requirements

Waldur Mastermind (API)

By default 4 uWSGI processes are started. - Minimum requirements: 1 CPU, 1GB RAM for every node - Recommended setup: 2 CPU or more, 2 GB RAM or more

Waldur Mastermind (Celery worker)

By default a single worker with 10 threads is started.

- Minimum requirements: 2 CPU, 1 GB RAM
- Recommended setup: 4 CPU or more, 8 GB RAM or more

More memory should be added if more Celery worker processes are running on the same host (512 MB for each 4 Celery workers).

Waldur Mastermind (Celery beat)

A single Celery beat process is started.

- Minimum and recommended requirements: 1 CPU, 1 GB RAM

PostgreSQL

- Minimum requirements: 1 CPU, 1 GB RAM
- Recommended setup: 2 CPU or more, 2 GB RAM or more

Redis

- Minimum requirements: 1 CPU, 512 MB RAM
- Recommended setup: 2 CPU or more, 1 GB RAM or more

Waldur HomePort (Nginx)

- Minimum and recommended requirements: 1 CPU and 512MB RAM

Last update: 2021-04-26