
Servers and databases

Servers and database services at Charles University ensure reliable operation of applications, websites, study systems and research projects. Operated by individual faculties or central IT, they aim to provide a safe, stable and accessible environment for the work of staff, departments and research teams.

These services include everything from web hosting and virtual servers to database systems, backup and traffic monitoring. They are designed to support a wide range of learning, administrative and scientific needs.

What services will you get?

Server services

The faculty or central IT department can provide:

- **virtual server** for projects, internal applications, section systems,
- **webhosting** for departments, teams or projects,
- **application servers** for internal systems, information applications, portals.

It also includes management of updates, security measures and supervision of operations.

Database services

For applications or projects are available:

- database servers (MySQL / MariaDB, PostgreSQL, MS SQL etc.),
- access and permissions setting based on roles,
- backup modes according to project needs,
- monitoring and technical maintenance.

Security and reliability

The operation of servers and databases takes place in accordance with the CU security rules:

- regular updates and security measures,
- managing access according to permissions,
- central or local backup,
- monitoring the performance and availability of systems.

Support and assistance

When to contact support

You need to create a database or a new project space.

You plan to run an application or a website and do not know what type of server to choose.

You deal with the performance, congestion, availability or errors of an application.

You need to change access rights or security settings.

You require consultation for a research project with more data.

Who will help you

Faculty IT department – primary place for requests

Central administration of Rector's Office – more complex solutions, central databases, applications

Helpdesk CU – for general questions and forwarding to the right workplace

Frequently asked questions (FAQ)

Can I get my own server for my project?

- Yes - contact your faculty IT department, together you will select the appropriate type of service.

Where do I request to set up a database?

- Mostly via faculty IT, which ensures compatibility with internal systems.

Can I run an application outside the university (e.g. with an external provider)?

- In some cases yes, but for systems with personal data or internal content, approval and control of security rules is required.

Quick summary



CU servers and databases provide a stable and secure environment for websites, internal applications and large project needs. Faculty or central IT advises you on the type of solution to choose, ensuring operation, security and backup.