

# Getting Started

[tutorial](#), [installation](#)

An overview of CzechIdM, how to download it, setup and use in a presentation environment.



This howto is intended for quick demo environment that can be prepared in 5 minutes. It nicely serves for first look on application and its GUI. Note that it relies on bundled in-memory database H2. After you stop the application server, you will lose all its data.

If you want to use CzechIdM in production environment see full-blown [server preparation guide](#) and [installation tutorial](#).

## Requirements

- Java 11 (Java 21 for CzechIdM 13.1.0+)
- Windows or Unix/Linux operating system or Mac OS
- Web browser Firefox, Chrome, Edge
- Databases - MS-SQL or PostgreSQL
- Application servers - Apache Tomcat and JBOSS WildFly

## Server sizing

[Here is recommended HW configuration](#).

## Java

- [Download](#) and install a Java (11 (21 for CzechIdM 13.1.0+)) SE Runtime Environment (JRE).
- Install steps depend on your system. Please follow [this guide](#) to install Java. You can also use a full Java Development Kit (JDK).

## Tomcat

- [Download](#) and unzip Tomcat (v.9.0.45) binary archive to newly created folder: "apache-tomcat-9.0.45". Copy to place in "Program Files"
- For advanced Tomcat setup, you can follow instructions in file **RUNNING.txt** in the downloaded tomcat archive.

## CzechIdM

- [Download](#) current nightly build.
- Copy **idm.war** to folder **apache-tomcat-9.0.45/webapps/**.

## Starting the application

To start the application, go to folder **apache-tomcat-9.0.45/bin/** and run this command:



For unix-like system you may need to set permissions to allow execution of these files: startup.sh, shutdown.sh, catalina.sh

### For unix-like systems:

```
./startup.sh
```

### For windows systems:

```
startup.bat
```

After its start, Tomcat will load the CzechIdM application. This process may take a while. You can check the progress in Tomcat's logfile: *apache-tomcat-9.0.45/logs/catalina.out*. After the application finishes loading, you can access it with a web browser on this URL:

```
http://localhost:8080/idm/
```

To log in, you can use this administrator account:

```
Username: admin  
Password: admin
```



After the CzechIdM has started, you can follow [basic steps tutorial](#) or more generally read our product [documentation](#) which will show you how to actually use the identity manager.



IdM is running with temporary DB - H2. It is sufficient for quick look around in IdM, but when IdM reboots, data is lost. If you want to keep data, you can switch to [PostgreSQL](#).

## Stopping the application

To stop the application go to folder **apache-tomcat-9.0.45/bin/** and run this command:

### For unix like systems:

```
./shutdown.sh
```

### For windows systems:

```
shutdown.bat
```

## Demo

To get a quick glance onto the CzechIdM's user interface and its workings, you can also access a [live demo](#) with the last nightly build.

## Full deploy



To install CzechIdM e.g. in test or production environment, you probably want to use proper DB. Read this CzechIdM [installation tutorial](#). We also prepared a cookbook for [server preparation](#)

## Developing CzechIdM

If you want to develop CzechIdM, the best way is to follow tutorial [Creating a development environment](#) or for a quick glance [Quick start with devstack](#)

## Contact us

If you need some other information, you can use [this form](#) to contact us.

For complete listing of contact options, pricing and such, please see the [support wiki page](#).

From:  
<https://wiki.czechidm.com/> - **IdStory Identity Manager**

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Last update: **2024/01/10 10:57**

