

# Installing License Server

To install and configure License Server bundled with Apache Tomcat

1. Install JDK:
  - a. Download and install [JDK](#) or JRE 6 or later.
  - b. Create an environment variable `JAVA_HOME` and assign it to JDK installation home (for example, `c:/Program Files/Java/jdk1.6.0_03` or `/usr/local/java/jdk`):
    - To define `JAVA_HOME` environment variable in Windows XP:
      - i. Select Start | Settings | Control Panel | System | Advanced | Environment Variables.
      - ii. In User environment variables for <user name> area, click Create.
      - iii. In the Variable name field in the New System Variable dialog box, enter `JAVA_HOME`.
      - iv. In the Variable value field, enter the path to JDK installation home. Make sure to use forward slashes / when specifying the path!
      - v. Click OK.
    - To define `JAVA_HOME` environment variable in UNIX/Linux, execute `env JAVA_HOME=path` command where `path` should reference JDK installation home.

Note: if JRE is used instead of JDK, the environment variable should be named `JRE_HOME`

1. Start bundled Apache Tomcat.

To start Apache Tomcat distribution bundled with License Server and deploy `licenseServer.war` package, execute one of the following scripts:

  - `<Tomcat root>\bin\startup.bat` (Windows).
  - `<Tomcat root>/bin/startup.sh` (UNIX/Linux/macOS).

License Server will start listening on port 8080 with `licenseServer` path prefix.
2. Start License Server by typing `http://<host-name>:8080/licenseServer` in the address bar of your web browser.

## Installing JetBrains License Server as Windows service.

The easiest way to install Apache Tomcat as windows service will be downloading and installing "32-bit/64-bit Windows Service Installer" distribution from Apache website and then deploying in installed Tomcat instance standalone WAR distribution of JetBrains License Server application.

<http://tomcat.apache.org/download-60.cgi>

or

<http://tomcat.apache.org/download-70.cgi>

## To deploy License Server standalone WAR file in Apache Tomcat

1. Copy `licenseServer.war` from `<delivery package>/apache-tomcat-<version>/webapps/` into `<Tomcat root>/webapps` subdirectory.
2. Restart Apache Tomcat.
3. Start License Server by typing `http://<host-name>:<port-number>/licenseServer` in the address bar of your web browser.
4. Proceed with [setting up your License Server](#).



For either License Server distribution, you can optionally do any of the following:

- [Configure automatic License Server discovery](#).
- [Configuring License Server to use an external database](#).