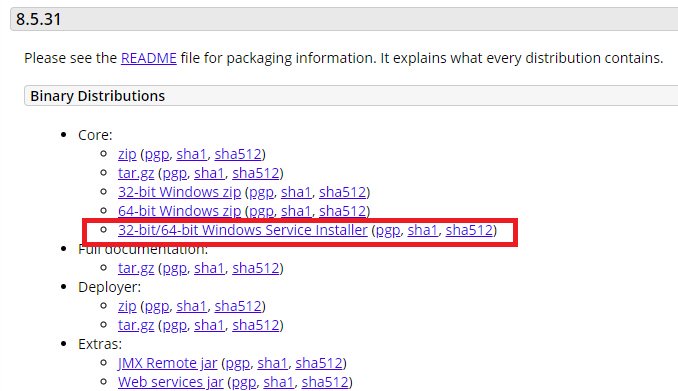
# **How to Install Tomcat Server On Windows 10, 8 and 7**

Tomcat is a Web Server that can run Java Web Applications like Java Servlets, Java Server Pages (JSP), Java Expression Language and Java Websocket. Tomcat is a powerful production ready server that is used by many small, medium and big companies. Students studying Java Servlets and JSP technologies want to practice programs and projects on their home laptops, desktops and even their college computers. So they want to install Tomcat Server on Windows 10 and other older Windows operating systems.

## **Install Tomcat Server On Windows 10, 8 and 7**

You can download Tomcat from [**https://tomcat.apache.org/download-80.cgi**](https://tomcat.apache.org/download-80.cgi)website pages. Go for Binary Install able versions like **32-bit/64-bit Windows Service Installer(pgp, sha1, sha512).**



Always install Tomcat directly on C Drive instead of Program Files or any other inner folders. If you use Tomcat Windows Installer instead of ZIP version, Tomcat background process will be started automatically.

You need to setup JAVA\_HOME or JRE\_HOME and CATALINA\_HOME so that you can do some maintenance operations on the Tomcat server like Starting and Stopping the Server. If you change any deployed files, you may need to restart the server.

Follow the [**Java Environment Setup in Windows Tutorial**](https://www.examtray.com/tutorials/how-setup-java-environment-in-windows-10) to setup JAVA variables globally.

Setup **JAVA\_HOME**variable path as **C:\Program Files\Java\jdk1.8.0\_131**in my case.

Or setup **JRE\_HOME**variable path as **C:\Program Files\Java\jre1.8.0\_131**in my case.

Setup **CATALINA\_HOME**variable path as **C:\Tomcat8** which is my Tomcat installation path.

This is how we did install Tomcat Server on Windows 10, Windows 8 and Windows 7 operating systems.

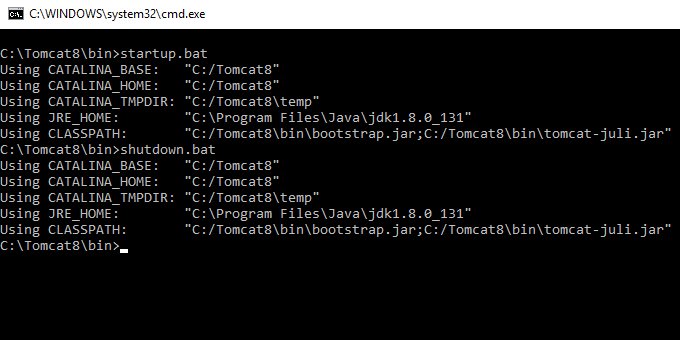
### **Start and Stop Tomcat Server on Windows 10, 8 and 7**

After successful installation, go to BIN folder directly under Tomcat folder. You will find two batch files with names **startup.bat** and **shutdown.bat**. You can create shortcuts of these batch files on the desktop or inside Startup Menu for easily starting and stopping Tomcat server whenever required.

Simply use Command Prompt to start and stop Tomcat server in other way.

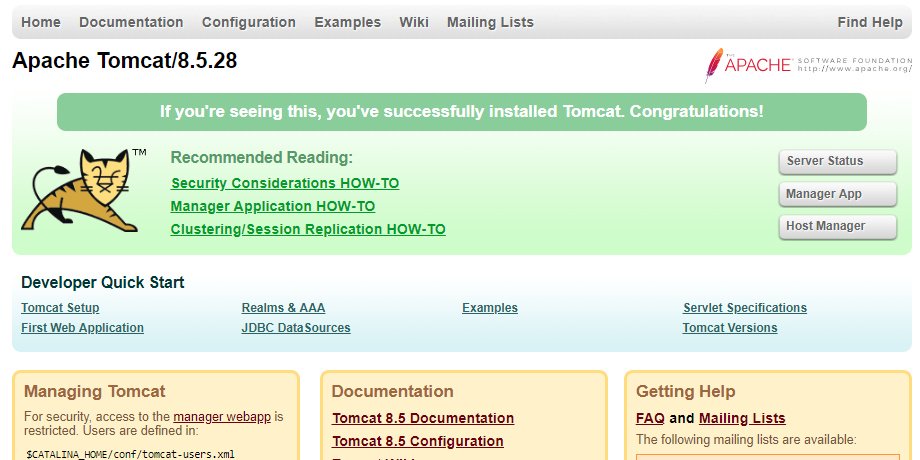
C:\Tomcat8\bin>startup.bat

C:\Tomcat8\bin>shutdown.bat



### **Testing Tomcat Installation**

Open any web browser like Internet Explorer or Google Chrome. Go to '[**http://localhost:8080**](http://localhost:8080/)'. You should see the below page. It means you successfully installed Tomcat Server. You should start the server before opening the webpage.



### **Configure Users on Tomcat Server**

By default, Tomcat does not use User Password. It does not even prompt to configure users and roles.

Go to **Tomcat/conf/tomcat-users.xml**

Add Usernames, Passwords and Roles required. Without configuring these Usernames, You will be able to access Server Status, Manager App and Host Manager options on the Tomcat Home Page.

     <role rolename="manager-gui"/>  
     <user username="admin" password="admin" roles="manager-gui"/>

     <role rolename="admin-gui"/>  
     <user username="tomcat" password="tomcat" roles="admin-gui"/>