

# Upgrade Tomcat 7 manually

To manually update Tomcat 7.0 perform the steps below:

1. Open Windows Services Manager and stop **Idera Dashboard Web Application Service**.
2. Go to the official Apache Tomcat 7 downloads website (<https://tomcat.apache.org/download-70.cgi>), and download the zip files for **Core** and **Embedded** located under **Binary Distributions**.
3. Extract the Jar libraries of the **lib** folder from the **Core** zip folder.
4. Replace the Jar libraries in the installed IDERA Dashboard lib folder (i.e. "C:\Program Files\Idera\Dashboard\WebApplication\lib").
5. Extract the Jar libraries of the **embedded** zip folder.
6. Replace the Jar libraries in the installed IDERA Dashboard **lib** folder (i.e. "C:\Program Files\Idera\Dashboard\WebApplication\lib").
7. Open Windows Services Manager and start **Idera Dashboard Web Application Service**.

Steps to validate IDERA Dashboard Tomcat version:

1. Open Windows Command Prompt.
2. Type the DOS command to enter the IDERA Dashboard Web Application Lib folder (e.g. "`cd C:\Program Files\Idera\Dashboard\WebApplication\lib`").
3. Type the following command:  
`java -cp catalina.jar org.apache.catalina.util.ServerInfo`



To execute this command, you need to have Java installed and the JAVA HOME path set on the system. [Click here](#) for more information.

4. The output should be as shown below:

```
C:\Program Files\Idera\Dashboard\WebApplication\lib> java -cp catalina.jar org.apache.catalina.util.ServerInfo
Server version: Apache Tomcat/7.0.82
Server built:   Sep 29 2017 12:23:15 UTC
Server number: 7.0.82.0
OS Name:       Windows Server 2012 R2
OS Version:    6.3
Architecture:  x86
JVM Version:   1.8.0_151-b12
JVM Vendor:    Oracle Corporation
```



The **Server number** indicates the Tomcat version IDERA Dashboard is currently using.