

1 Refer to <https://tecadmin.net/install-tomcat-8-on-centos-rhel-and-ubuntu/>

2
3 1. Apache Tomcat is an open source web hosting server for the Java-based web application.

4 1)Tomcat is licensed under Apache License version 2.

5 2)Apache has released a stable version of Tomcat 8 on June 25, 2014.

6 3)Which is available for download on its official site.

7 4)Apache Tomcat 8 has upgraded some features.

8 5)Below are few details about Tomcat 8.

9
10 Tomcat 8 requires JAVA 7 or Higher to work.

11 Tomcat 8 supports Java Servlet 3.1

12 Tomcat 8 supports JavaServer Pages 2.3

13 Tomcat 8 supports Java Unified Expression Language 3.0

14 Tomcat 8 supports Java WebSocket 1.0

15
16 6)This article will help you to Install Tomcat 8 on your CentOS/RHEL and Ubuntu systems.

17 7)Tomcat 8 stable release is available for download.

18 8)To install other version of tomcat visit Install Tomcat 7 on CentOS/RHEL or Install Tomcat 7 on Ubuntu as per your operating system used.

19 20 Step 1 – Verify JAVA

21 -JAVA is the first requirement of Tomcat installation.

22 -Use the following command to check if you have java installed already on your system.

23
24 `$ java -version`

25
26 `java version "1.8.0_121"`

27 `Java(TM) SE Runtime Environment (build 1.8.0_121-b13)`

28 `Java HotSpot(TM) 64-Bit Server VM (build 25.121-b13, mixed mode, sharing)`

29
30 -Tomcat 8 is designed to run on Java SE 7 and later.

31 -So make sure you have installed correct version on your system.

32 -If you don't have Java installed on your system or installed lower version, use one of the following links to install Java first.

33 34 35 Step 2 – Downloading Tomcat Archive

36 -Download Apache Tomcat 8 archive file using following commands or you can visit Tomcat 8 official download page for download most recent available version.

37 -After downloading extract archive file in /opt directory.

38 -You may change this location as per your setup.

39
40 `$ wget`

`http://www-us.apache.org/dist/tomcat/tomcat-8/v8.5.34/bin/apache-tomcat-8.5.34.tar.gz`

41 `$ tar xzf apache-tomcat-8.5.34.tar.gz`

42 `$ sudo mv apache-tomcat-8.5.34 /etc/tomcat8.5`

43 44 Step 3 – Configure Environment Variables

45 -Before starting Tomcat, configure CATALINA_HOME environment variable in your system using following commands.

46

47 \$ echo "export CATALINA_HOME="/opt/apache-tomcat-8.5.34"" >> ~/.bashrc

48 \$ source ~/.bashrc

49

50 Step 4 – Start Tomcat Server

51 -Tomcat is very easy to use, There is no need to compile its source.

52 -You simply extract the archive and start the tomcat server.

53 -Tomcat by default start on port 8080, So make sure no other application using the same port.

54

55 \$ cd /etc/tomcat8.5

56 \$ sudo ./bin/startup.sh

57

58 Step 5 – Access Tomcat in Browser

59 -Tomcat server works on port 8080 default.

60 -Access tomcat on a web browser by connecting your server on port 8080.

61

62 <http://192.168.56.3:8080>