

Jenkins initial setup

Java setup:


Jenkins a java based server, therefore Java has to be installed on the desired machine.

The recommended Java version is 8 (9 & 10 are still not fully compatible).

1. Java 8 download can be found at Oracle's website using the below link (or using a simple Google search):

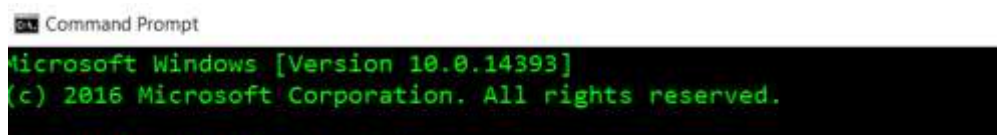
<https://www.oracle.com/technetwork/java/javase/download/jdk8-downloads-2133151.html>

2. Mark "Accept License Agreement" and Select your OS for downloading.



Java SE Development Kit 8u121		
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Linux x86	162.41 MB	jdk-8u121-linux-i586.rpm
Linux x86	177.13 MB	jdk-8u121-linux-i586.tar.gz
Linux x64	159.96 MB	jdk-8u121-linux-x64.rpm
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Solaris SPARC 64-bit	99.07 MB	jdk-8u121-solaris-sparcv9.tar.gz
Solaris x64	140.42 MB	jdk-8u121-solaris-x64.tar.Z
Solaris x64	96.9 MB	jdk-8u121-solaris-x64.tar.gz
Windows x86	189.36 MB	jdk-8u121-windows-i586.exe
Windows x64	195.51 MB	jdk-8u121-windows-x64.exe

3. Follow the installation with defaults (next → next..)
4. Validate java is installed by doing the following steps:
 - A. Open CMD / Terminal.
 - B. Type java -version
 - C. Java version will appear at command line.



```
Microsoft Windows [Version 10.0.14393]
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C:\>java -version

java version "1.8.0_121"
Java(TM) SE Runtime Environment (build 1.8.0_121-b14)
Java HotSpot(TM) 64-Bit Server VM (build 25.121-b14, mixed mode)
```

Jenkins setup:

1. Download Jenkins.war from:
<https://updates.jenkins-ci.org/download/war/>
Choosing **permalink to the latest**
2. Open CMD/terminal change directory to one containing Jenkins.war file `cd c://users...`
3. Type `java -jar jenkins.war`
4. Wait for "Jenkins is fully running" to show
5. Open your browser on localhost:8080 (this is the default port by used by Jenkins).
6. Follow the instructions to use your secret key.



7. Follow the instructions and install default configurations and plugins.

