Install JDK 8 in CDH 5.13

1. Check the installed java version.

```
[cloudera@quickstart ~]$ java -version
java version "1.7.0_67"
Java(TM) SE Runtime Environment (build 1.7.0_67-b01)
Java HotSpot(TM) 64-Bit Server VM (build 24.65-b04, mixed mode)
```

   If it's already 1.8.* for you then no need to go ahead in this document. You are all set! 😊

2. If your java version is 1.7.* then follow the following steps to update your system to Java 8.

3. Open a terminal and login as sudo user
   su
   Password is cloudera

4. Optionally install updates, this is not a compulsory step! (But it's better to update the system first! Beware, this command will take some (actually a lot of) time! When I did it, I had 4 gigs of update which took almost an hour to finish!)
   yum update

5. Download only the supported version of jdk 8 (tar file) from Oracle. You'll need an account.

6. Untar/unzip the tar file:
   tar xzf Downloads/jdk-8u211-linux-x64.tar.gz

7. Now you should see a folder named jdk1.8.0_211.

8. Update the .bash_profile file to set the JAVA_HOME
   sudo gedit $HOME/.bash_profile

9. Delete this line from *.bash_profile* file: PATH=$PATH:$HOME/bin

10. Add the following lines to this *.bash_profile* file:
    export JAVA_HOME=/usr/java/jdk1.8.0_211/
    export JRE_HOME=/usr/java/jdk1.8.0_211/jre
    PATH=$PATH:$HOME/bin:$JAVA_HOME/bin

11. Save and close the file.

12. Run the following command now:
    . ~/.bash_profile

13. **sudo gedit /etc/default/bigtop-utils**

14. Update these lines:

    # Override JAVA_HOME detection for all bigtop packages
    export JAVA_HOME=/usr/java/jdk1.8.0_211

    Save and close the file.

15. Remove the old java installation (let's just copy it to a temp folder):

sudo mv /usr/java/jdk1.7* /home/cloudera/Desktop/tmp

16. Add our new java jdk package to /usr/java folder

sudo mv jdk1.8* /usr/java

17. Restart the VM and check the java version by using this command: **java -version**

```
[cloudera@quickstart ~]$ java -version
java version "1.8.0_211"
Java(TM) SE Runtime Environment (build 1.8.0_211-b12)
Java HotSpot(TM) 64-Bit Server VM (build 25.211-b12, mixed mode)
```