Exercise: 01 210701134

# Install, configure and run Hadoop and HDFS

## Aim:

To Install, configure and run Hadoop and HDFS.

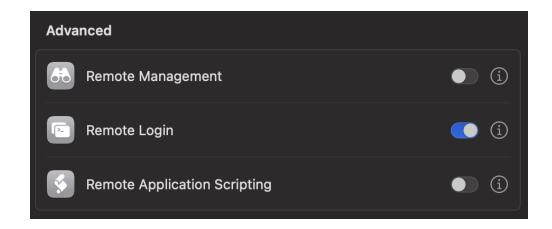
#### **Procedure:**

- 1. Install Java from Orcale website.
- 2. Download Hadoop and configure it.
- 3. Set up Hadoop path in .zprofile as HADOOP\_HOME.
- 4. Set up Java path in .zprofile as JAVA HOME.
- 5. Save and apply the changes using source command.
- 6. Start Hadoop using start-all.sh command.
- 7. Open brower and visit localhost:9870.

## **Output:**

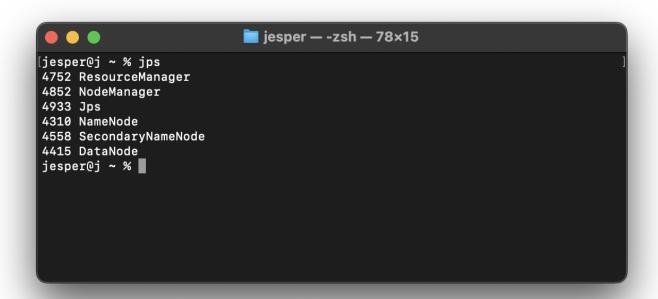
```
jesper — -zsh — 78×15

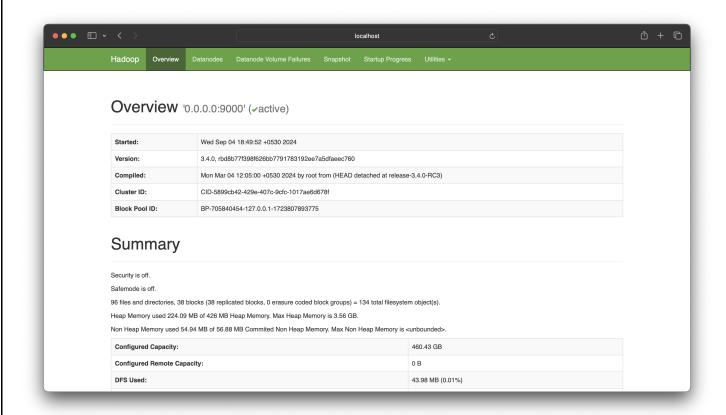
[jesper@j ~ % echo $JAVA_HOME
/Library/Java/JavaVirtualMachines/jdk-1.8.jdk/Contents/Home
[jesper@j ~ % echo $HADOOP_HOME
/Users/jesper/hadoop-3.4.0/
jesper@j ~ %
```

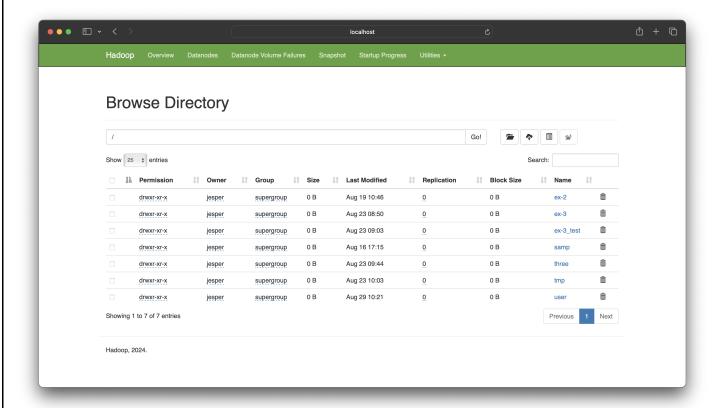


```
[jesper@j ~ % start-all.sh
WARNING: Attempting to start all Apache Hadoop daemons as jesper in 10 seconds.

WARNING: This is not a recommended production deployment configuration.
WARNING: Use CTRL-C to abort.
Starting namenodes on [0.0.0.0]
Starting datanodes
Starting secondary namenodes [j.local]
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Starting resourcemanager
Starting nodemanagers
jesper@j ~ % [
```







## **Result:**

Thus the Installation, Configuration and run Hadoop and HDFS is successfully executed.