

Experiment: 22

24/8/23

Aim: To perform basic configuration
Setup for installing hadoop 2.x

procedure:

- 1) system update
\$ sudo apt - get update.
- 2) Install Java and set JAVA-Home
\$ sudo apt - add-repository ppa.8team/java
\$ sudo apt - get update
\$ sudo apt - get install oracle-java8-installer
\$ sudo apt - get install default-jdk
\$ Java version.
- 3) Add a dedicated Hadoop user
\$ sudo addgroup hadoop
\$ sudo adduser --ingroup hadoop user
\$ sudo adduser hduser sudo.
- 4) Install SSH and Create certificates
\$ sudo apt - get install ssh
\$ su hduser
\$ ssh - keygen rs -p ""
\$ cat \$HOME/ssh/id_rsa.pub >> \$HOME/ssh/authorized-keys
- 5) Check if SSH works
\$ ssh localhost

by Install Hadoop.

\$ sudo for xvzf hadoop 2.7.2 for .
gz

\$ sudo mkdir -p /usr/local/hadoop

\$ sudo mv hadoop-2.7.2/hadoop

\$ sudo chown -R hduser :

\$ sudo chown -R hadoop /usr/local/hadoop