1. install oracle-java8

sudo add-apt-repository ppa:webupd8team/java -y

sudo apt-get update

sudo apt-get install oracle-java8-installer

2. vi .bashrc

Add “export JAVA\_HOME=/usr/lib/jvm/java-8-oracle”

Source .bashrc

3. sudo vi /etc/hosts and comment the localhost

#127.0.01 localhost

This will help in avoiding errors of unreachable hosts.

4. sudo addgroup hadoop

5. sudo adduser - -ingroup hadoop hadoopuser/hadoopslave1

6. sudo visudo

Added hadoopuser ALL=(ALL) ALL

and in slave system added “hadoopslave1 ALL=(ALL) ALL”

7. sudo vi /etc/hosts

Add the below in both slave1 and master system

192.168.178.30 hadoopmaster

192.168.178.31 hadoopslave1

8. Install ssh

Sudo add-get install ssh

Ssh hadoopslave1@hadoopslave1 –p 22 //try this from master system

9. su – hadoopuser

ssh-keygen –t rsa –P “”

cp ~/.ssh/id\_rsa.pub ~/.ssh/authorized\_keys

ssh-copy-id –i ~/.ssh/id\_rsa.pub hadoopuser@hadoopmaster

ssh-copy-id –I ~/.ssh/id\_rsa.pub hadoopslave1@hadoopslave1

sudo chmod 600 /home/hduser/.ssh/id\_rsa

//Do the above in both master and slave systems

10. Download hadoop-2.6.5.tar.gz from apache website

11. Untar the file after copying it to /usr/local

12. create a soft link

Sudo ln –s hadoop-2.6.5 hadoop

Sudo chown –R hadoopuser:hadoop hadoop

Sudo chown –R hadoopuser:hadoop hadoop-2.6.5

Sudo vi ~/.bashrc

Export HADOOP\_HOME=/usr/local/hadoop

Export PATH=$PATH:$HADOOP\_HOME/bin:$HADOOP\_HOME/sbin

Source ~/.bashrc

Reference: <https://www.dezyre.com/hadoop-tutorial/hadoop-multinode-cluster-setup>

<https://www.tutorialspoint.com/hadoop/hadoop_multi_node_cluster.htm>