

Create an Instance with Ubuntu 14.4(Make Inbound permission to All Traffic set ID address any Where).

Get the Key Downloaded at your local machine.

Open Terminal

Cd Download/

Chmod 400 keyname.pem(this will make the Key readonly).

*****Connecting to the Server*****

ssh -i keyname.pem [ubutu@public](#) ip_address if the Instance. (This will connect to the server).

ssh-keygen (After this press multiple Enter)

cd .ssh/

(To append the key generated by the ssh-keygen to authorized key directory)

*****Connecting to Localhost

ssh localhost

sudo apt-get update(This is to update Repository)

sudo apt-get install openjdk-7-jdk (This is to intall JVM)

*****Installing Hadoop*****

wget <http://apache.mirror.gtcomm.net/hadoop/common/hadoop-1.2.1/hadoop-1.2.1.tar.gz>
(This will download hadoop in the ubuntu sever)

tar -xzf hadoop-1.2.1.tar.gz (to extract gz file)

sudo mv hadoop-1.2.1 /usr/local/hadoop (To move hadoop to linux PATH)

-----**configuring bashrc linux env setup**-----

nano ~/.bashrc (open bashrc file to paste below configuration at the end)

export HADOOP_PREFIX=/usr/local/hadoop/

export PATH=\$PATH:\$HADOOP_PREFIX/bin

export JAVA_HOME=/usr/lib/jvm/java-7-openjdk-amd64

export PATH=\$PATH:\$JAVA_HOME

exec bash

----**setting hadoop env**-----

nano /usr/local/hadoop/conf/hadoop-env.sh

export JAVA_HOME=/usr/lib/jvm/java-7-openjdk-amd64

export HADOOP_OPTS=-Djava.net.preferIPv4Stack=true

-----**configuring xml's**-----

nano /usr/local/hadoop/conf/core-site.xml

<property>

<name>fs.default.name</name>

<value>hdfs://localhost:9000</value>

</property>

<property>

<name>hadoop.tmp.dir</name>

<value>/usr/local/hadoop/tmp</value>

</property>

nano /usr/local/hadoop/conf/hdfs-site.xml

<property>

<name>dfs.replication</name>

<value>1</value>

</property>

nano /usr/local/hadoop/conf/mapred-site.xml

<property>

<name>mapred.job.tracker</name>

<value>hdfs://localhost:9001</value>

</property>

-----**making tmp dir**-----

mkdir /usr/local/hadoop/tmp (Need to know this)

-----**exec bash**-----

exec bash

-----**formatting hadoop namenode**-----

hadoop namenode -format

-----**starting hadoop services(daemons)**-----

start-all.sh

jps