# Exp No: 1 Downloading and installing Hadoop, Understanding different Hadoop modes, Startup scripts, Configuration files.

#### \$ nano ~/.bashrc

```
⊕
                                                                                                                                                                     hadoop@fedora:~/hadoop/etc/hadoop
GNU nano 7.2
                                                                                                                                                                                  /home/hadoop/.bashrc
Source global definitions [ -f /etc/bashrc ]; then
User specific environment
f! [[ "$PATH" =~ "$HOME/.local/bin:$HOME/bin:" ]]; then
PATH="$HOME/.local/bin:$HOME/bin:$PATH"
User specific aliases and functions f [ -d ~/.bashrc.d ]; then
   for rc in ~/.bashrc.d/*; do
if [ -f "$rc" ]; then
.
Hadoop Related Options
xport JAVA_HOME=/usr/lib/jvm/java-11-openjdk-11.0.24.0.8-2.fc40.x86_64
xport HADOOP_HOME=/home/hadoop/hadoop
        HADOOP_INSTALL=$HA
HADOOP_MAPRED_HOME
       HADOOP_COMMON_HOME:
HADOOP_HDFS_HOME=$1
        YARN HOME=
        TARK_HOME-SHADOUP_HOME
HADOOP_COMMON_LIB_NATIVE_DIR=SHADOOP_HOME/lib/native
PATH=SPATH:SHADOOP_HOME/sbin:SHADOOP_HOME/bin
HADOOP_OPTS="-Djava.library.path=$HADOOP_HOME/lib/native"
       HIVE_HOME=/home/jeciyazhini/hive
        PATH=$PATH:$HIVE_HOME/bin
HADOOP_USER_CLASSPATH_FIRST=true
```

### \$ nano \$HADOOP\_HOME/etc/hadoop/hadoop-env.sh

```
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```

### \$nano \$HADOOP\_HOME/etc/hadoop/core-site.xml

```
Andoop@fedora:-/hadoop/etc/hadoop

GNU nano 7.2

Core-site.xml

Zixml version="1.0" encoding="UIF-8"?>

Zixml-stylesheet type="text/xsl" href="configuration.xsl"?>

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-->

Zi-- Put site-specific property overrides in this file. -->

**Configuration>
**Con
```

### \$nano \$HADOOP\_HOME/etc/hadoop/hdfs-site.xml

```
CHU nano 7.2

Cyml - stylesheet type="text/xsl" href="configuration.xsl"?>

Cyml-stylesheet type="text/xsl" href="configuration.xsl"?>

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-->

c!-- Put site-specific property overrides in this file. -->

cconfiguration

cproperty>

cname-offs. replication://name>

cyalue-7(lyalue>

c/property>

cname-offs. name.dir://name>

cyalue-file:///home/hadoop/hadoop/hadoopdata/hdfs/datanode:/value>

cyalue-file://home/hadoop/hadoop/hadoopdata/hdfs/datanode:/value>

cyalue-file://home/hadoop/hadoop/hadoopdata/hdfs/datanode:/value>
```

\$nano \$HADOOP\_HOME/etc/hadoop/mapred-site.xml

### \$nano \$HADOOP\_HOME/etc/hadoop/yarn-site.xml

```
GNU nano 7.2

GNU nano 7.2

(ZNEL Version="1.0"?>

(I--

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**Configuration**
Cyroperty*
Chamery yarn.nodemanager.aux-services</name*

**Value**
Amare yarn.nodemanager.env-whitelist</name*

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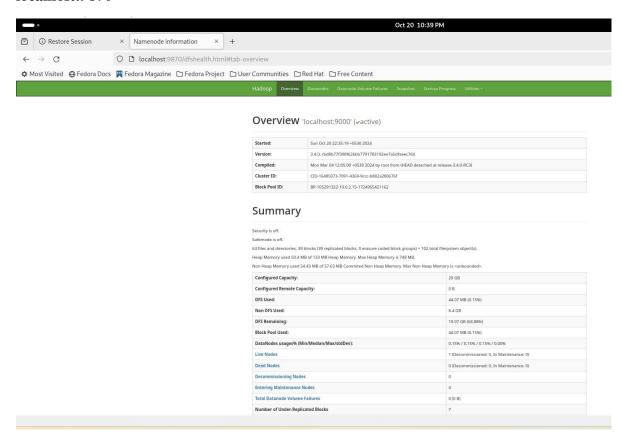
#### \$ start-all.sh

```
hadoop@fedora:~/hadoop/sbin$ ./start-all.sh
WARNING: Attempting to start all Apache Hadoop daemons as hadoop in 10 seconds.
WARNING: This is not a recommended production deployment configuration.
WARNING: Use CTRL-C to abort.
Starting namenodes on [localhost]
localhost: bash: unse: command not found
Starting datanodes
localhost: bash: unse: command not found
Starting secondary namenodes [fedora]
fedora: bash: unse: command not found
Starting resourcemanager
Starting nodemanagers
localhost: bash: unse: command not found
```

## \$ jps

```
hadoop@fedora:~/hadoop/sbin$ jps
4593 Jps
3764 SecondaryNameNode
3416 DataNode
3210 NameNode
4026 ResourceManager
4175 NodeManager
hadoop@fedora:~/hadoop/sbin$
```

### localhost:9870



### localhost:8088

