Basic commands in Hadoop

1. Hadoop Version

hadoop –version

1. To see files structure in Hadoop

hadoop fs -ls

1. To create a new directory in hadoop file system.

hadoop fs -mkdir dir\_name

1. To create an empty file

hadoop touchz file\_name

5.Create an empty file in local:

🡪touch filename

🡪gedit filename

1. To copy file from local machine to hdfs

hadoop copyFromLocal filename hadoop’s directory\_name

6.To copy file from hdfs to local machine

hadoop copyToLocal hadoop’s directory\_name local directory name

1. To create a file with info in it

🡪First use touchz in hdfs and then click on the file and update the file.

🡪Second use cat in local machine and write the info then dump the file to hadoop file system using command copyToLocal .

1. Size of the file in hdfs

hadoop fs -du filename

1. Web tracker of hdfs :

Use localhost:9870 to track the block size of the data node and information related to hdfs directory or hdfs files ie size of file,replication units, meta deta and secondary name node work job info.

1. JPS

It contains all the active components of hadoop which include

🡪Name Node

🡪Secondary Name Node

🡪Data Node

🡪Node Manager

🡪Resource Manager

🡪JPS

1. Move file from one directory to another

hadoop fs -cat directory\_name/file\_name