

WEEK 4(Hdfs)

```
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ 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]
Starting datanodes
Starting secondary namenodes [bmscscse-HP-Elite-Tower-800-G9-Desktop-PC]
Starting resourcemanager
Starting nodemanagers
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -mkdir /bda_hadoop
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -ls /
Found 1 items
drwxr-xr-x  - hadoop supergroup          0 2024-05-13 14:24 /bda_hadoop
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ ^[[200-hdfs dfs -put /home/huduser/Desktop/bda_local.txt /bda_hadoop/file.txt -
hdfs: command not found
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -put /home/hadoop/Desktop
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -put /home/hadoop/Desktop/hii /bda_hadoop/file.txt
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -cat /bda_hadoop/file.txt
hii there!!
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -copyFromLocal /home/hadoop/Desktop/hii /bda_hadoop/file.txt
copyFromLocal: '/bda_hadoop/file.txt': File exists
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -copyFromLocal /home/hadoop/Desktop/hii /bda_hadoop/file_cp_local.txt
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -cat /bda_hadoop/file_cp_local.txt
hii there!!
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -get /bda_hadoop/file.txt /home/huduser/Downloads/downloaded_file.txt
get: '/home/huduser/Downloads/downloaded_file.txt': No such file or directory: 'file:///home/huduser/Downloads/downloaded_file.txt'
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -get /bda_hadoop/file.txt /home/hadoop/Desktop/hii
get: '/home/hadoop/Desktop/hii': File exists
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/file.txt /bda_hadoop/file_cp_local.txt/home/hadoop/Desktop/hii
getmerge: Mkdirs failed to create file:/bda_hadoop/file_cp_local.txt/home/hadoop/Desktop (exists=false, cwd=file:/home/hadoop)
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/file.txt /bda_hadoop/file_cp_local.txt/home/hadoop/Desktop/hii
getmerge: Mkdirs failed to create file:/bda_hadoop/file_cp_local.txt/home/hadoop/Desktop (exists=false, cwd=file:/home/hadoop)
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/file.txt /bda_hadoop/file_cp_local.txt /home/hadoop/Desktop/hii
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -getfacl /bda_hadoop/
# file: /bda_hadoop
# owner: hadoop
# group: supergroup
user::rwx
group::r-x
other::r-x
```

```
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -cat /bda_hadoop/file.txt
hii there!!
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -copyFromLocal /home/hadoop/Desktop/hii /bda_hadoop/file.txt
copyFromLocal: '/bda_hadoop/file.txt': File exists
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -copyFromLocal /home/hadoop/Desktop/hii /bda_hadoop/file_cp_local.txt
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -cat /bda_hadoop/file_cp_local.txt
hii there!!
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -get /bda_hadoop/file.txt /home/huduser/Downloads/downloaded_file.txt
get: '/home/huduser/Downloads/downloaded_file.txt': No such file or directory: 'file:///home/huduser/Downloads/downloaded_file.txt'
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -get /bda_hadoop/file.txt /home/hadoop/Desktop/hii
get: '/home/hadoop/Desktop/hii': File exists
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/file.txt /bda_hadoop/file_cp_local.txt/home/hadoop/Desktop/hii
getmerge: Mkdirs failed to create file:/bda_hadoop/file_cp_local.txt/home/hadoop/Desktop (exists=false, cwd=file:/home/hadoop)
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/file.txt /bda_hadoop/file_cp_local.txt/home/hadoop/Desktop/hii
getmerge: Mkdirs failed to create file:/bda_hadoop/file_cp_local.txt/home/hadoop/Desktop (exists=false, cwd=file:/home/hadoop)
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -getmerge /bda_hadoop/file.txt /bda_hadoop/file_cp_local.txt /home/hadoop/Desktop/hii
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -getfacl /bda_hadoop/
# file: /bda_hadoop
# owner: hadoop
# group: supergroup
user::rwx
group::r-x
other::r-x
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hdfs dfs -copyToLocal /bda_hadoop/file.txt /home/hadoop/Desktop
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -mv /bda_hadoop /abc
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -ls /abc
Found 2 items
-rw-r--r-- 1 hadoop supergroup      14 2024-05-13 14:33 /abc/file.txt
-rw-r--r-- 1 hadoop supergroup      14 2024-05-13 14:39 /abc/file_cp_local.txt
hadoop@bmscscse-HP-Elite-Tower-800-G9-Desktop-PC:~$ hadoop fs -cp /hello/ /hadoop_lab
cp: '/hello/': No such file or directory
```