

## ***BDA LAB***

### ***LAB 5***

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```
hduser@bmsce-Precision-T1700:~$ start-all.sh
```

This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh

Starting namenodes on [localhost]

```
hduser@localhost's password:
```

```
bmsce
```

```
localhost: Permission denied, please try again.
```

```
hduser@localhost's password:
```

```
localhost: Permission denied, please try again.
```

```
hduser@localhost's password:
```

```
bmsce
```

```
localhost: hduser@localhost: Permission denied (publickey,password).
```

```
hduser@localhost's password:
```

```
hduser@localhost's password: localhost: Permission denied, please try again.
```

```
bmsce
```

```
localhost: Permission denied, please try again.
```

```
hduser@localhost's password:
```

```
localhost: hduser@localhost: Permission denied (publickey,password).
```

Starting secondary namenodes [0.0.0.0]

bhduser@0.0.0.0's password:

bmsce

hduser@0.0.0.0's password: 0.0.0.0: Permission denied, please try again.

hduser@0.0.0.0's password: 0.0.0.0: Permission denied, please try again.

bmsce

0.0.0.0: hduser@0.0.0.0: Permission denied (publickey,password).

starting yarn daemons

resourcemanager running as process 5404. Stop it first.

hduser@localhost's password:

hduser@localhost's password: localhost: Permission denied, please try again.

bmsce

localhost: Permission denied, please try again.

hduser@localhost's password:

bmsce

localhost: hduser@localhost: Permission denied (publickey,password).

hduser@bmsce-Precision-T1700:~\$ bmsce

bmsce: command not found

hduser@bmsce-Precision-T1700:~\$ jsp

Command 'jsp' not found, but there are 20 similar ones.

hduser@bmsce-Precision-T1700:~\$ jps

5744 NodeManager

4832 NameNode

5015 DataNode

9466 Jps

5404 ResourceManager

5229 SecondaryNameNode

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -mkdir /mal

mkdir: `/mal': File exists

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -ls /mal

Found 2 items

drwxr-xr-x - hduser supergroup 0 2022-06-06 14:44 /mal/hduser

-rw-r--r-- 1 hduser supergroup 0 2022-06-06 14:35 /mal/name.txt

hduser@bmsce-Precision-T1700:~\$ pwd

/home/hduser

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -put /home/hduser/6b.txt /mal

put: `/home/hduser/6b.txt': No such file or directory

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -put /home/hduser/

.bash\_history

.bash\_logout

.bashrc

.beeline/

.cache/

.cassandra/

.config/

.dbshell

.dbus/

d:\elearninglists.csv

derby.log

Desktop/

Documents/

.dosbox/

Downloads/

.eclipse/

eclipse-workspace/

examples.desktop

file1.txt

file2.txt

.gnome/

.gnupg/

hadoop-2.6.0.tar.gz

hadoopham/

hive/

.hivehistory

\home\pt\elearninglists.csv

.ICEauthority

.Komorebi.prop

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -put /home/hduser/Desktop/6b.txt /mal

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -cat /mal

cat: `/mal': Is a directory

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -cat /mal/6b.txt

this is 6b

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -copyFromLocal /home/hduser/Desktop/6b.txt /mal/new6b.txt
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /mal
```

```
Found 4 items
```

```
-rw-r--r--    1 hduser supergroup      12 2022-06-06 14:51 /mal/6b.txt
drwxr-xr-x    - hduser supergroup      0 2022-06-06 14:44 /mal/hduser
-rw-r--r--    1 hduser supergroup      0 2022-06-06 14:35 /mal/name.txt
-rw-r--r--    1 hduser supergroup     12 2022-06-06 14:52 /mal/new6b.txt
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cat /mal/new6b.txt
```

```
this is 6b
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cat /mal/name.txt
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -get /mal/new6b.txt /home/hduser/Downloads
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cat /home/hduser/Downloads
```

```
cat: `/home/hduser/Downloads': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cat Downloads
```

```
cat: `Downloads': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cat /home/hduser/Desktop/Downloads
```

```
cat: `/home/hduser/Desktop/Downloads': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls
```

```
ls: `.`: No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /
```

```
Found 17 items
```

```
drwxr-xr-x    - hduser supergroup      0 2022-06-01 09:37 /172
drwxr-xr-x    - hduser supergroup      0 2022-06-04 09:50 /FFF
drwxr-xr-x    - hduser supergroup      0 2022-06-06 12:28 /FFFFf
```

drwxr-xr-x	- hduser supergroup	0 2022-06-06 12:32 /GGG
drwxr-xr-x	- hduser supergroup	0 2022-06-01 15:02 /NewPremSai
drwxr-xr-x	- hduser supergroup	0 2022-06-01 14:58 /PremSai
-rw-r--r--	1 hduser supergroup	19 2022-05-31 10:31 /abc
drwxr-xr-x	- hduser supergroup	0 2022-06-03 12:49 /abcd
drwxr-xr-x	- hduser supergroup	0 2022-05-31 10:25 /cds
drwxr-xr-x	- hduser supergroup	0 2022-06-03 14:46 /derek
drwxr-xr-x	- hduser supergroup	0 2022-06-06 14:52 /mal
drwxr-xr-x	- hduser supergroup	0 2022-06-01 09:36 /new
drwxr-xr-x	- hduser supergroup	0 2022-05-31 09:46 /punit
drwxr-xr-x	- hduser supergroup	0 2022-06-03 12:43 /sneha
drwxr-xr-x	- hduser supergroup	0 2022-06-01 10:12 /tasmiya
drwxrwxr-x	- hduser supergroup	0 2019-08-01 16:19 /tmp
drwxr-xr-x	- hduser supergroup	0 2019-08-01 16:03 /user

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -ls /Downloads

ls: `/Downloads': No such file or directory

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -ls home/hduser/Downloads

ls: `home/hduser/Downloads': No such file or directory

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -ls home/hduser/Desktop/Downloads

ls: `home/hduser/Desktop/Downloads': No such file or directory

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -get /mal/new6b.txt /Downloads

get: /Downloads.\_COPYING\_ (Permission denied)

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -get /mal/new6b.txt /hello.txt

get: /hello.txt.\_COPYING\_ (Permission denied)

hduser@bmsce-Precision-T1700:~\$ hdfs dfs -get /mal/new6b.txt home/hduser/Desktop/hello.txt

get: `home/hduser/Desktop/hello.txt': No such file or directory

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -get /mal/new6b.txt home/hduser/Desktop/hello1.txt
```

```
get: `home/hduser/Desktop/hello1.txt': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -get /mal/new6b.txt home/hduser/hello1.txt
```

```
get: `home/hduser/hello1.txt': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -get /mal/new6b.txt home/hduser/Desktop/one.txt
```

```
get: `home/hduser/Desktop/one.txt': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -get /mal/new6b.txt /home/hduser/Desktop/one.txt
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /
```

Found 17 items

drwxr-xr-x	- hduser supergroup	0 2022-06-01 09:37 /172
drwxr-xr-x	- hduser supergroup	0 2022-06-04 09:50 /FFF
drwxr-xr-x	- hduser supergroup	0 2022-06-06 12:28 /FFFf
drwxr-xr-x	- hduser supergroup	0 2022-06-06 12:32 /GGG
drwxr-xr-x	- hduser supergroup	0 2022-06-01 15:02 /NewPremSai
drwxr-xr-x	- hduser supergroup	0 2022-06-01 14:58 /PremSai
-rw-r--r--	1 hduser supergroup	19 2022-05-31 10:31 /abc
drwxr-xr-x	- hduser supergroup	0 2022-06-03 12:49 /abcd
drwxr-xr-x	- hduser supergroup	0 2022-05-31 10:25 /cds
drwxr-xr-x	- hduser supergroup	0 2022-06-03 14:46 /derek
drwxr-xr-x	- hduser supergroup	0 2022-06-06 14:52 /mal
drwxr-xr-x	- hduser supergroup	0 2022-06-01 09:36 /new
drwxr-xr-x	- hduser supergroup	0 2022-05-31 09:46 /punit
drwxr-xr-x	- hduser supergroup	0 2022-06-03 12:43 /sneha
drwxr-xr-x	- hduser supergroup	0 2022-06-01 10:12 /tasmiya
drwxrwxr-x	- hduser supergroup	0 2019-08-01 16:19 /tmp
drwxr-xr-x	- hduser supergroup	0 2019-08-01 16:03 /user

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /home/hduser/Desktop
```

```
ls: `/home/hduser/Desktop': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls Desktop
```

```
ls: `Desktop': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /Desktop
```

```
ls: `/Desktop': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -getmerge /mal/new6b.txt /mal/6b.txt  
/home/hduser/Desktop/merged.txt
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cat /home/hduser/Desktop/merged.txt
```

```
cat: `/home/hduser/Desktop/merged.txt': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ cat /home/hduser/Desktop/one.txt
```

```
this is 6b
```

```
hduser@bmsce-Precision-T1700:~$ cat /home/hduser/Desktop/merged.txt
```

```
this is 6b
```

```
this is 6b
```

```
hduser@bmsce-Precision-T1700:~$ hadoop fs -getfacl /mal/
```

```
# file: /mal
```

```
# owner: hduser
```

```
# group: supergroup
```

```
user::rwx
```

```
group::r-x
```

```
other::r-x
```



```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -copyToLocal /mal/new6b.txt  
/home/hduser/Desktop/one_copied.txt
```

```
hduser@bmsce-Precision-T1700:~$ cat /home/hduser/Desktop/one_copied.txt  
this is 6b
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -mkdir/mallika
```

```
-mkdir/mallika: Unknown command
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -mkdir /mallika
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -mv /mal/6b.txt/ mallika
```

```
mv: `mallika': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -mv /mal/6b.txt /mallika/
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /mal
```

```
Found 3 items
```

drwxr-xr-x	- hduser supergroup	0 2022-06-06 14:44 /mal/hduser
-rw-r--r--	1 hduser supergroup	0 2022-06-06 14:35 /mal/name.txt
-rw-r--r--	1 hduser supergroup	12 2022-06-06 14:52 /mal/new6b.txt

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cp /mal/new6b.txt/ mallika
```

```
cp: `mallika': No such file or directory
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -cp /mal/new6b.txt /mallika/
```

```
hduser@bmsce-Precision-T1700:~$ hdfs dfs -ls /mal
```

```
Found 3 items
```

drwxr-xr-x	- hduser supergroup	0 2022-06-06 14:44 /mal/hduser
-rw-r--r--	1 hduser supergroup	0 2022-06-06 14:35 /mal/name.txt
-rw-r--r--	1 hduser supergroup	12 2022-06-06 14:52 /mal/new6b.txt

```
hduser@bmsce-Precision-T1700:~$
```