

Hadoop Developer Training- HDFS Commands

Hadoop Developer – HDFS Commands Exercises



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1. Create a file abc.txt with valid data in local UNIX machine using vi editor

```
$ vi /home/abc.txt
```

To insert into vi editor press i and then start writing content.

To Save & exit from vi editor press → esc then :wq then enter

2. Create a directory named input in HDFS

```
$ hadoop fs -mkdir /input
```

3. Create another directory named input_new in HDFS

```
$ hadoop fs -mkdir /new_input
```

4. List all the files and directories in HDFS

```
$ hadoop fs -ls /
```

5. Copy the file abc.txt from local UNIX machine to /input directory of HDFS

```
$ hadoop fs -copyFromLocal /home/abc.txt /input/abc.txt
```

OR

```
$ hadoop fs -put /home/abc.txt /input/abc.txt
```

6. Display the content of file abc.txt present in HDFS

```
hadoop fs -cat /input/abc.txt
```

7. Create a directory named new_dir in local UNIX machine under /home directory

```
$ mkdir /home/new_dir
```

8. Copy the file abc.txt present in /input/abc.txt directory of HDFS to local UNIX directory /new_dir

```
$ hadoop fs -ls copyToLocal /input/abc.txt /home/new_dir/abc.txt
```

OR

```
$ hadoop fs -ls get /input/abc.txt /home/new_dir/abc.txt
```

9. Copy file abc.txt from one directory /input/abc.txt to another directory /new_input/ in HDFS

```
hadoop fs -cp /input/abc.txt /new_input/abc.txt
```

10. Delete the file abc.txt from HDFS

```
hadoop fs -rm /input/abc.txt
```

11. Delete the /input directory from HDFS

```
hadoop fs -rm -[r] /input
```

12. Help

```
hadoop fs -help
```

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