

Hadoop Shell Commands to Manage HDFS

Hadoop Shell Commands

1. fsck

- HDFS Command to check the health of the Hadoop file system.
- ***Command:* hdfs fsck /**

2. ls

- HDFS Command to display the list of Files and Directories in HDFS.
- ***Command:* hdfs dfs -ls /**

Hadoop Shell Commands (Cont...)

3. mkdir

- HDFS Command to create the directory in HDFS.
- ***Usage:*** `hdfs dfs -mkdir /directory_name`
- ***Command:*** `hdfs dfs -mkdir /MyHadoop`

4. touchz

- HDFS Command to create a file in HDFS with file size 0 bytes.
- ***Usage:*** `hdfs dfs -touchz /directory/filename`
- ***Command:*** `hdfs dfs -touchz /MyHadoop/MyFile.txt`

Hadoop Shell Commands (Cont...)

5. du

- HDFS Command to check the file size.
- ***Usage:*** `hdfs dfs -du -s /directory/filename`
- ***Command:*** `hdfs dfs -du -s /MyHadoop/MyFile.txt`

6. cat

- HDFS Command that reads a file on HDFS and prints the content of that file to the standard output.
- ***Usage:*** `hdfs dfs -cat /path_to-file_in_hdfs`
- ***Command:*** `hdfs dfs -cat /MyHadoop/MyFile.txt`

Hadoop Shell Commands (Cont...)

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Hadoop Shell Commands (Cont...)

7. put

- HDFS Command to copy single source or multiple sources from local file system to the destination file system.
- **Usage:** `hdfs dfs -put <localsrc> <destination>`
- **Command:** `hdfs dfs -put myfile.txt MyHadoop`

8. get

- HDFS Command to copy files from hdfs to the local file system.
- **Usage:** `hdfs dfs -get <src> <localdst>`
- **Command:** `hdfs dfs -get MyHadoop/myfile.txt mycopyfile.txt`

Hadoop Shell Commands (Cont...)

9. rm

- HDFS Command to remove the file from HDFS.
- ***Usage:*** `hdfs dfs -rm <path>`
- ***Command:*** `hdfs dfs -rm myfile.txt`

10. rm -r

- HDFS Command to remove the entire directory and all of its content from HDFS.
- ***Usage:*** `hdfs dfs -rm -r <path>`
- ***Command:*** `hdfs dfs -rm -r MyHadoop`