

SAND HDP2.6.5



NEW TO HDP

Explore the Hortonworks Data Platform (HDP)

Walk through a typical use case with the tutorial

[LAUNCH DASHBOARD](#)

ADVANCED HDP

Expand your Hortonworks Data Platform (HDP) experience

Access components in Sandbox

[QUICK LINKS](#)



Ambari

Sandbox

0 ops

20 alerts

Dashboard

Services

Hosts

Alerts

Admin



maria_dev

- HDFS
- YARN
- MapReduce2
- Tez
- Hive
- HBase
- Pig
- Sqoop
- Oozie
- ZooKeeper
- Falcon
- Storm
- Fume
- Ambari Infra
- Atlas
- Kafka
- Knox
- Ranger
- Spark2
- Zeppelin
- Notebook

Summary

Heatmaps

Configs

Quick Links

Service Actions

Summary

No alerts

NameNode	Started	No alerts	Disk Remaining	79.6 GB / 106.0 GB (75.13%)
SNameNode	Started	No alerts	Blocks (total)	1120
DataNodes	1/1	Started	Block Errors	0 corrupt replica / 0 missing / 0 under replicated
DataNodes Status	1 live / 0 dead / 0 decommissioning		Total Files + Directories	1345
JournalNodes	0/0	JournalNodes Live	Upgrade Status	No pending upgrade
NFSGateways	0/0	Started	Safe Mode Status	Not in safe mode
NameNode Uptime	203.04 secs			
NameNode Heap	98.3 MB / 240.0 MB (41.0% used)			
Disk Usage (DFS Used)	1.9 GB / 106.0 GB (1.77%)			
Disk Usage (Non DFS Used)	24.5 GB / 106.0 GB (23.10%)			

Metrics

Last 1 hour

NameNode GC count	NameNode GC time	NN Connection Load	NameNode Heap	NameNode Host Load
No Data No available data for the time period.	No Data No available data for the time period.	No Data No available data for the time period.	No Data No available data for the time period.	No Data No available data for the time period.
NameNode RPC	Failed disk volumes	Blocks With Corrupted Replicas	Under Replicated Blocks	HDFS Space Utilization

```
[-truncate [-w] <length> <path> ...]
[-usage [cmd ...]]
```

Generic options supported are

```
-conf <configuration file>    specify an application configuration file
-D <property=value>          use value for given property
-fs <local|namenode:port>     specify a namenode
-jt <local|resourcemanager:port> specify a ResourceManager
-files <comma separated list of files> specify comma separated files to be copied to the map reduce cluster
-libjars <comma separated list of jars> specify comma separated jar files to include in the classpath.
-archives <comma separated list of archives> specify comma separated archives to be unarchived on the compute machines.
```

The general command line syntax is
bin/hadoop command [genericOptions] [commandOptions]

```
[maria_dev@sandbox-hdp ~]$ hadoop fs -ls /
ls: Call From sandbox-hdp.hortonworks.com/172.18.0.2 to sandbox-hdp.hortonworks.com:8020 failed on connection exception: java.net.ConnectException: Connection refused;
For more details see: http://wiki.apache.org/hadoop/ConnectionRefused
[maria_dev@sandbox-hdp ~]$ hadoop fs -mkdir ml-100k
mkdir: Call From sandbox-hdp.hortonworks.com/172.18.0.2 to sandbox-hdp.hortonworks.com:8020 failed on connection exception: java.net.ConnectException: Connection refuse
d; For more details see: http://wiki.apache.org/hadoop/ConnectionRefused
[maria_dev@sandbox-hdp ~]$ hadoop fs -mkdir ml-100k
[maria_dev@sandbox-hdp ~]$ hadoop fs -ls /
Found 11 items
drwxrwxrwx - yarn  hadoop      0 2018-06-18 15:18 /app-logs
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 16:13 /apps
drwxr-xr-x - yarn  hadoop      0 2018-06-18 14:52 /ats
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 14:52 /hdp
drwx----- - livy  hdfs      0 2018-06-18 15:11 /livy2-recovery
drwxr-xr-x - mapred hdfs      0 2018-06-18 14:52 /mapred
drwxrwxrwx - mapred hadoop      0 2018-06-18 14:52 /mr-history
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 15:59 /ranger
drwxrwxrwx - spark  hadoop      0 2018-06-18 16:19 /spark2-history
drwxrwxrwx - hdfs  hdfs      0 2018-06-18 16:06 /tmp
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 16:08 /user
[maria_dev@sandbox-hdp ~]$ hadoop fs -mkdir ml-100k
mkdir: `ml-100k': File exists
[maria_dev@sandbox-hdp ~]$ .bash{$_logout,profile},rc} .bash{$_logout,profile},rc}
```

d; For more details see: <http://wiki.apache.org/hadoop/ConnectionRefused>

```
[maria_dev@sandbox-hdp ~]$ hadoop fs -mkdir ml-100k
```

```
[maria_dev@sandbox-hdp ~]$ hadoop fs -ls /
```

Found 11 items

```
drwxrwxrwx - yarn  hadoop      0 2018-06-18 15:18 /app-logs
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 16:13 /apps
drwxr-xr-x - yarn  hadoop      0 2018-06-18 14:52 /ats
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 14:52 /hdp
drwx----- - livy  hdfs      0 2018-06-18 15:11 /livy2-recovery
drwxr-xr-x - mapred hdfs      0 2018-06-18 14:52 /mapred
drwxrwxrwx - mapred hadoop      0 2018-06-18 14:52 /mr-history
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 15:59 /ranger
drwxrwxrwx - spark hadoop      0 2018-06-18 16:19 /spark2-history
drwxrwxrwx - hdfs  hdfs      0 2018-06-18 16:06 /tmp
drwxr-xr-x - hdfs  hdfs      0 2018-06-18 16:08 /user
```

```
[maria_dev@sandbox-hdp ~]$ hadoop fs -mkdir ml-100k
```

mkdir: 'ml-100k': File exists

```
[maria_dev@sandbox-hdp ~]$ .bash{[logout,profile],rc} .bash{[logout,profile],rc} wget http://media.sundog-soft.com/hadoop/ml-100k/u.data
```

-bash: .bash_logout: command not found

```
[maria_dev@sandbox-hdp ~]$ wget http://media.sundog-soft.com/hadoop/ml-100k/u.data
```

--2026-02-22 17:23:33-- http://media.sundog-soft.com/hadoop/ml-100k/u.data

Resolving media.sundog-soft.com (media.sundog-soft.com)... 54.231.164.201, 54.231.235.97, 3.5.0.61, ...

Connecting to media.sundog-soft.com (media.sundog-soft.com)|54.231.164.201|:80... connected.

HTTP request sent, awaiting response... 200 OK

Length: 2079229 (2.0M) [application/octet-stream]

Saving to: 'u.data'

100%[=====>] 2,079,229 413KB/s in 4.9s

2026-02-22 17:23:40 (413 KB/s) - 'u.data' saved [2079229/2079229]

```
[maria_dev@sandbox-hdp ~]$ ls
```

u.data

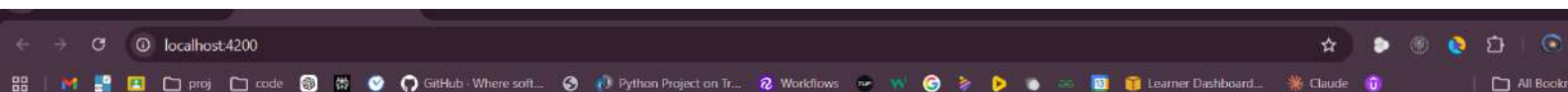
```
[maria_dev@sandbox-hdp ~]$ hadoop fs -copyFromLocal u.data ml-100k/u.data
```

```
[maria_dev@sandbox-hdp ~]$ hadoop fs -ls ml-100k
```

Found 1 items

```
--rw-r--r-- 1 maria_dev hdfs 2079229 2026-02-22 17:24 ml-100k/u.data
```

```
[maria_dev@sandbox-hdp ~]$ { .bash{[logout,profile],rc},u.data }
```



```
[-setrep [-R] [-w] <rep> <path> ...]
[-stat [format] <path> ...]
[-tail [-f] <file>]
[-test [-defsz] <path>]
[-text [-ignoreCrc] <src> ...]
[-touchz <path> ...]
[-truncate [-w] <length> <path> ...]
[-usage [cmd ...]]
```

Generic options supported are

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The general command line syntax is

```
bin/hadoop command [genericOptions] [commandOptions]
```

```
[maria_dev@sandbox-hdp ~]$ hadoop fs -cat ml-100k/u.data | head
```

```
0      50      5      881250949
0      172     5      881250949
0      133     1      881250949
196    242     3      881250949
186    302     3      891717742
22     377     1      878887116
244    51      2      880606923
166    346     1      886397596
298    474     4      884182806
115    265     2      881171488
```