

Namenode information - Mozilla Firefox

quickstart.cloudera:50070/dfshealth.html#tab-overview

Cloudera Hue Hadoop HBase Impala Spark Solr Oozie Cloudera Manager Getting Started

Last Checkpoint Time	Tue Feb 10 06:17:27 -0800 2026
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NameNode Journal Status

Current transaction ID: 8396

Journal Manager	State
FileJournalManager(root=/var/lib/hadoop-hdfs/cache/hdfs/dfs/name)	EditLogFileOutputStream(/var/lib/hadoop-hdfs/cache/hdfs/dfs/name/current/edits_inprogress_0000000000000008306)

NameNode Storage

Storage Directory	Type	State
/var/lib/hadoop-hdfs/cache/hdfs/dfs/name	IMAGE_AND_EDITS	Active

DFS Storage Types

Namenode information - Mozilla Firefox

quickstart.cloudera:50070/dfshealth.html#tab-datanode

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Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities

Datanode Information

✓ In service ⚡ Down ⚡ Decommissioned ⚡ Decommissioned & dead ⚡ In Maintenance & dead

Datanode usage histogram

Disk usage of each DataNode (%)

In operation

```
Applications Places System cloudera@quickstart:~/bdg2
File Edit View Search Terminal Help
cloudera@quickstart ~]$ hostname
quickstart.cloudera
cloudera@quickstart ~]$ pwd
/home/cloudera
cloudera@quickstart ~]$ ls -l
total 196
drwxrwxr-x 2 cloudera cloudera 4096 Dec 10 04:29 bdg2
rwxrwxr-x 1 cloudera cloudera 5387 Oct 23 2017 cloudera-manager
rwxrwxr-x 1 cloudera cloudera 9964 Oct 23 2017 cm_api.py
drwxrwxr-x 2 cloudera cloudera 4096 Oct 23 2017 Desktop
drwxrwxr-x 4 cloudera cloudera 4096 Oct 23 2017 Documents
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Downloads
drwxrwxr-x 9 cloudera cloudera 4096 Feb 19 2015 eclipse
-rw-rw-r-- 1 cloudera cloudera 53655 Oct 23 2017 enterprise-deployment.json
-rw-rw-r-- 1 cloudera cloudera 50515 Oct 23 2017 express-deployment.json
rwxrwxr-x 1 cloudera cloudera 5007 Oct 23 2017 kerberos
drwxrwxr-x 2 cloudera cloudera 4096 Oct 23 2017 lib
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Music
rwxrwxr-x 1 cloudera cloudera 4228 Oct 23 2017 parcels
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Pictures
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Public
drwxrwxr-x 2 cloudera cloudera 4096 Dec 3 05:30 samplieg2
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Templates
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Videos
drwxrwxr-x 4 cloudera cloudera 4096 Oct 23 2017 workspace
[cloudera@quickstart ~]$ ls -l /
total 114
dr-xr-xr-x. 2 root root 4096 Oct 23 2017 bin
dr-xr-xr-x. 5 root root 1024 Oct 23 2017 boot
drwxr-xr-x. 17 root root 3580 Feb 10 05:16 dev
drwxr-xr-x. 3 root root 4096 Dec 3 06:15 dfs
drwxr-xr-x. 128 root root 12288 Feb 10 06:34 etc
drwxrwxr-x. 3 root root 4096 Oct 23 2017 home
dr-xr-xr-x. 11 root root 4096 Oct 23 2017 lib
dr-xr-xr-x. 9 root root 12288 Oct 23 2017 lib64
drwx-----. 2 root root 16384 Oct 23 2017 lost+found
drwxr-xr-x. 4 root root 4096 Dec 10 04:18 media
drwxr-xr-x. 2 root root 4096 Sep 23 2011 mnt
drwxr-xr-x. 7 root root 4096 Oct 23 2017 opt
[cloudera@quickstart ~]$ [Namenode inform... cloudera@quickstar... [Computer] cloudera bdg2
```

```
Applications Places System cloudera@quickstart:~/bdg2
File Edit View Search Terminal Help
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Downloads
drwxrwsr-x 9 cloudera cloudera 4096 Feb 19 2015 eclipse
-rw-rw-r-- 1 cloudera cloudera 53655 Oct 23 2017 enterprise-deployment.json
-rw-rw-r-- 1 cloudera cloudera 50515 Oct 23 2017 express-deployment.json
rwxrwxr-x 1 cloudera cloudera 5007 Oct 23 2017 kerberos
drwxrwxr-x 2 cloudera cloudera 4096 Oct 23 2017 lib
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Music
rwxrwxr-x 1 cloudera cloudera 4228 Oct 23 2017 parcels
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Pictures
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Public
drwxrwxr-x 2 cloudera cloudera 4096 Dec 3 05:30 samplieg2
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Templates
drwxr-xr-x 2 cloudera cloudera 4096 Dec 3 04:19 Videos
drwxrwxr-x 4 cloudera cloudera 4096 Oct 23 2017 workspace
[cloudera@quickstart ~]$ ls -l /
total 114
dr-xr-xr-x. 2 root root 4096 Oct 23 2017 bin
dr-xr-xr-x. 5 root root 1024 Oct 23 2017 boot
drwxr-xr-x. 17 root root 3580 Feb 10 05:16 dev
drwxr-xr-x. 3 root root 4096 Dec 3 06:15 dfs
drwxr-xr-x. 128 root root 12288 Feb 10 06:34 etc
drwxrwxr-x. 3 root root 4096 Oct 23 2017 home
dr-xr-xr-x. 11 root root 4096 Oct 23 2017 lib
dr-xr-xr-x. 9 root root 12288 Oct 23 2017 lib64
drwx-----. 2 root root 16384 Oct 23 2017 lost+found
drwxr-xr-x. 4 root root 4096 Dec 10 04:18 media
drwxr-xr-x. 2 root root 4096 Sep 23 2011 mnt
drwxr-xr-x. 7 root root 4096 Oct 23 2017 opt
dr-xr-xr-x. 170 root root 0 Feb 10 05:16 proc
dr-xr-xr---. 4 root root 4096 Oct 23 2017 root
dr-xr-xr-x. 2 root root 12288 Oct 23 2017 sbin
drwxr-xr-x. 2 root root 4096 Oct 23 2017 selinux
drwxr-xr-x. 2 root root 4096 Sep 23 2011 srv
drwxr-xr-x. 13 root root 0 Feb 10 05:16 sys
drwxrwxrwt. 63 root root 12288 Feb 10 06:36 tmp
drwxrwxr-x. 14 root root 4096 Oct 23 2017 usr
drwxr-xr-x. 22 root root 4096 Oct 23 2017 var
[cloudera@quickstart ~]$ cp /media/sf_Bigdata/cleaned_taxi_trip_data.csv /home/cloudera/bdg2
[cloudera@quickstart ~]$ [Namenode inform... cloudera@quickstar... [Computer] cloudera bdg2
```

File Edit View Search Terminal Help

```
[cloudera@quickstart ~]$ hdfs dfs -mkdir hbdal
mkdir: `hbdal': File exists
[cloudera@quickstart ~]$ hdfs dfs -put /home/cloudera/bdg2/cleaned_taxi_trip_data.csv /user/cloudera/hbdal/cleaned_taxi_trip_data.csv
[cloudera@quickstart ~]$ hbdal/cleaned_taxi_trip_data.csv
bash: hbdal/cleaned_taxi_trip_data.csv: No such file or directory
[cloudera@quickstart ~]$ hdfs -ls /user/cloudera/hbdal/cleaned_taxi_trip_data.csv
-rw-r--r-- 1 cloudera cloudera 753699932 2026-02-10 06:48 /user/cloudera/hbdal/cleaned_taxi_trip_data.csv
[cloudera@quickstart ~]$ hdfs dfs -du -h /user/cloudera/cleaned_taxi_trip_data.csv
du: `/user/cloudera/cleaned_taxi_trip_data.csv': No such file or directory
[cloudera@quickstart ~]$ hdfs dfs -du -h /user/cloudera/hbdal/cleaned_taxi_trip_data.csv
718.8 M 718.8 M /user/cloudera/hbdal/cleaned_taxi_trip_data.csv
[cloudera@quickstart ~]$ hdfs fsck /user/cloudera/hbdal/cleaned_taxi_trip_data.csv -files -blocks -locations
Connecting to namenode via http://quickstart.cloudera:50070/fsck?ugi=cloudera&files=1&blocks=1&locations=1&path=%2Fclo
udera%2Fhbdal%2Fcleaned_taxi_trip_data.csv
FSCK started by cloudera (auth:SIMPLE) from /10.0.2.15 for path /user/cloudera/hbdal/cleaned_taxi_trip_data.csv at Tue Feb 10
06:55:11 PST 2026
/user/cloudera/hbdal/cleaned_taxi_trip_data.csv 753699932 bytes, 6 block(s): OK
0. BP-1067413441-127.0.0.1-1508775264580:blk_1073743076_2255 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
1. BP-1067413441-127.0.0.1-1508775264580:blk_1073743077_2256 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
2. BP-1067413441-127.0.0.1-1508775264580:blk_1073743078_2257 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
3. BP-1067413441-127.0.0.1-1508775264580:blk_1073743079_2258 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
4. BP-1067413441-127.0.0.1-1508775264580:blk_1073743080_2259 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
5. BP-1067413441-127.0.0.1-1508775264580:blk_1073743081_2260 len=82611292 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]

Status: HEALTHY
Total size: 753699932 B
Total dirs: 0
Total files: 1
Total symlinks: 0
Total blocks (validated): 6 (avg. block size 125616655 B)
Minimally replicated blocks: 6 (100.0 %)
Over-replicated blocks: 0 (0.0 %)
```

File Edit View Search Terminal Help

```
Connecting to namenode via http://quickstart.cloudera:50070/fsck?ugi=cloudera&files=1&blocks=1&locations=1&path=%2Fclo
udera%2Fhbdal%2Fcleaned_taxi_trip_data.csv
FSCK started by cloudera (auth:SIMPLE) from /10.0.2.15 for path /user/cloudera/hbdal/cleaned_taxi_trip_data.csv at Tue Feb 10
06:55:11 PST 2026
/user/cloudera/hbdal/cleaned_taxi_trip_data.csv 753699932 bytes, 6 block(s): OK
0. BP-1067413441-127.0.0.1-1508775264580:blk_1073743076_2255 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
1. BP-1067413441-127.0.0.1-1508775264580:blk_1073743077_2256 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
2. BP-1067413441-127.0.0.1-1508775264580:blk_1073743078_2257 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
3. BP-1067413441-127.0.0.1-1508775264580:blk_1073743079_2258 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
4. BP-1067413441-127.0.0.1-1508775264580:blk_1073743080_2259 len=134217728 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]
5. BP-1067413441-127.0.0.1-1508775264580:blk_1073743081_2260 len=82611292 Live_repl=1 [DatanodeInfoWithStorage[10.0.2.15:500
10,DS-621c9e78-caa3-4a7b-bf10-3c8a1245cb51,DISK]]

Status: HEALTHY
Total size: 753699932 B
Total dirs: 0
Total files: 1
Total symlinks: 0
Total blocks (validated): 6 (avg. block size 125616655 B)
Minimally replicated blocks: 6 (100.0 %)
Over-replicated blocks: 0 (0.0 %)
Under-replicated blocks: 0 (0.0 %)
Mis-replicated blocks: 0 (0.0 %)
Default replication factor: 1
Average block replication: 1.0
Corrupt blocks: 0
Missing replicas: 0 (0.0 %)
Number of data-nodes: 1
Number of racks: 1
FSCK ended at Tue Feb 10 06:55:11 PST 2026 in 8 milliseconds

The filesystem under path '/user/cloudera/hbdal/cleaned_taxi_trip_data.csv' is HEALTHY
```

