

```
[acadgild@localhost ~]$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
18/03/01 11:45:53 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Starting namenodes on [localhost]
localhost: starting namenode, logging to /usr/local/hadoop-2.6.0/logs/hadoop-acadgild-namenode-localhost.localdomain.out
localhost: starting datanode, logging to /usr/local/hadoop-2.6.0/logs/hadoop-acadgild-datanode-localhost.localdomain.out
Starting secondary namenodes [0.0.0.0]
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop-2.6.0/logs/hadoop-acadgild-secondarynamenode-localhost.localdomain.out
18/03/01 11:46:26 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop-2.6.0/logs/yarn-acadgild-resourcemanager-localhost.localdomain.out
localhost: starting nodemanager, logging to /usr/local/hadoop-2.6.0/logs/yarn-acadgild-nodemanager-localhost.localdomain.out
[acadgild@localhost ~]$ ^C
[acadgild@localhost ~]$ █
```

```
[acadgild@localhost ~]$ jps
3059 SecondaryNameNode
3203 ResourceManager
3306 NodeManager
3627 Jps
2765 NameNode
2862 DataNode
```

```
[acadgild@localhost ~]$ ls -l
total 280972
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 17 2015 Desktop
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 4 2015 Documents
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 17 2015 Downloads
drwxrwxr-x. 8 acadgild acadgild 4096 Nov 19 2015 eclipse
-rw-rw-r--. 1 acadgild acadgild 287645568 Nov 16 2015 eclipse-jee-neon-M3-linux-gtk-x86_64.tar.gz
-rw-r--r--. 1 acadgild acadgild 70 Feb 26 20:11 f2.txt
-rw-rw-r--. 1 acadgild acadgild 70 Feb 26 19:56 fill1.txt
-rw-rw-r--. 1 acadgild acadgild 102 Feb 26 22:30 file3.txt
drwxrwxr-x. 5 acadgild acadgild 4096 Nov 16 2015 hadoop
-rw-r--r--. 1 acadgild acadgild 242 Feb 26 22:36 merged.txt
drwxrwxr-x. 5 acadgild acadgild 4096 Nov 16 2015 metastore_db
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 4 2015 Music
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 4 2015 Pictures
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 4 2015 Public
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 4 2015 Templates
drwxr-xr-x. 2 acadgild acadgild 4096 Nov 4 2015 Videos
drwxrwxr-x. 4 acadgild acadgild 4096 Nov 19 2015 workspace
```

```
[acadgild@localhost ~]$ ls
Desktop          fill1.txt       Pictures
Documents        file3.txt       Public
Downloads        hadoop          Templates
eclipse          merged.txt      Videos
eclipse-jee-neon-M3-linux-gtk-x86_64.tar.gz  metastore_db   workspace
f2.txt           Music
```

```
acadgild@localhost:~  
File Edit View Search Terminal Help  
GNU nano 2.0.9 File: test.txt Modified  
May had a little lamb  
Little lamb  
Little lamb  
Mary had a little lamb  
  
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos  
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell
```

```
[acadgild@localhost ~]$ nano test.txt  
[acadgild@localhost ~]$ cat test.txt  
May had a little lamb  
Little lamb  
Little lamb  
Mary had a little lamb  
[acadgild@localhost ~]$
```

Hadoop Overview Datanodes Snapshot Startup Progress Utilities

Overview 'localhost:9000' (active)

| | |
|----------------|---|
| Started: | Thu Mar 01 11:46:04 IST 2018 |
| Version: | 2.6.0, re3496499ecb8d220fba99dc5ed4c99c8f9e33bb1 |
| Compiled: | 2014-11-13T21:10Z by jenkins from (detached from e349649) |
| Cluster ID: | CID-71615a0b-f560-40e7-94e0-1057e6718ac8 |
| Block Pool ID: | BP-695350366-127.0.0.1-1446620353823 |

Summary

Security is off.

Safemode is off.

276 files and directories, 191 blocks = 467 total filesystem object(s).

Heap Memory used 26.8 MB of 47.64 MB Heap Memory. Max Heap Memory is 966.69 MB.

Non Heap Memory used 36.4 MB of 37.31 MB Committed Non Heap Memory. Max Non Heap Memory is -1 B.

| | |
|---|-------------------------------|
| Configured Capacity: | 17.11 GB |
| DFS Used: | 105.07 MB |
| Non DFS Used: | 7.55 GB |
| DFS Remaining: | 9.45 GB |
| DFS Used%: | 0.6% |
| DFS Remaining%: | 55.25% |
| Block Pool Used: | 105.07 MB |
| Block Pool Used%: | 0.6% |
| DataNodes usages% (Min/Median/Max/stdDev): | 0.60% / 0.60% / 0.60% / 0.00% |
| Live Nodes | 1 (Decommissioned: 0) |
| Dead Nodes | 0 (Decommissioned: 0) |
| Decommissioning Nodes | 0 |
| Number of Under-Replicated Blocks | 0 |
| Number of Blocks Pending Deletion | Excludes missing blocks. |
| Block Deletion Start Time | 3/1/2018, 11:46:04 AM |

NameNode Journal Status

Current transaction ID: 1991

| Journal Manager | State |
|---|---|
| FileJournalManager(root=/home/acadgild/hadoop/namenode) | EditLogFileOutputStream(/home/acadgild/hadoop/namenode/current/edits_inprogress_00000000000000001991) |

NameNode Storage

| Storage Directory | Type | State |
|--------------------------------|-----------------|--------|
| /home/acadgild/hadoop/namenode | IMAGE_AND_EDITS | Active |

Datanode Information

In operation

| Node | Last contact | Admin State | Capacity | Used | Non DFS Used | Remaining | Blocks | Block pool used | Failed Volumes | Version |
|-----------------------------|--------------|-------------|----------|-----------|--------------|-----------|--------|------------------|----------------|---------|
| localhost (127.0.0.1:50010) | 1 | In Service | 17.11 GB | 105.07 MB | 7.55 GB | 9.45 GB | 191 | 105.07 MB (0.6%) | 0 | 2.6.0 |

Decomissioning

| Node | Last contact | Under replicated blocks | Blocks with no live replicas | Under Replicated Blocks In files under construction |
|------|--------------|-------------------------|------------------------------|---|
|------|--------------|-------------------------|------------------------------|---|

Hadoop

Overview

Datanodes

Snapshot

Startup Progress

Utilities

Snapshot Summary

Snapshottable directories: 0

| Path | Snapshot Number | Snapshot Quota | Modification Time | Permission | Owner | Group |
|------|-----------------|----------------|-------------------|------------|-------|-------|
|------|-----------------|----------------|-------------------|------------|-------|-------|

Snapshotted directories: 0

| Snapshot ID | Snapshot Directory | Modification Time |
|-------------|--------------------|-------------------|
|-------------|--------------------|-------------------|

Hadoop, 2014.

Legacy UI

Startup Progress

Elapsed Time: 33 sec, Percent Complete: 100%

| Phase | Completion | Elapsed Time |
|---|-------------|---------------|
| Loading fsimage /home/acadgild/hadoop/namenode/current/fsimage_00000000000000001947 21.41 KB | 100% | 0 sec |
| inodes (0/0) | 100% | |
| delegation tokens (0/0) | 100% | |
| cache pools (0/0) | 100% | |
| Loading edits | 100% | 0 sec |
| /home/acadgild/hadoop/namenode/current/edits_00000000000000001948-00000000000000001990 1 MB (43/43) | 100% | |
| Saving checkpoint | 100% | 0 sec |
| inodes /home/acadgild/hadoop/namenode/current/fsimage.ckpt_00000000000000001990 (0/0) | 100% | |
| delegation tokens /home/acadgild/hadoop/namenode/current/fsimage.ckpt_00000000000000001990 (0/0) | 100% | |
| cache pools /home/acadgild/hadoop/namenode/current/fsimage.ckpt_00000000000000001990 (0/0) | 100% | |
| Safe mode | 100% | 32 sec |
| awaiting reported blocks (191/191) | 100% | |

Hadoop, 2014.

Legacy

Browse Directory

/

Go!

| Permission | Owner | Group | Size | Replication | Block Size | Name |
|------------|----------|------------|-------|-------------|------------|------------------------------|
| -rw-r--r-- | acadgild | supergroup | 416 B | 1 | 128 MB | Wc.txt |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | hadoopdata |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | hbasestorage |
| -rw-r--r-- | acadgild | supergroup | 28 B | 1 | 128 MB | inp |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | out23 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | sample-mr |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | sqoopout |
| drwxrwxr-x | acadgild | supergroup | 0 B | 0 | 0 B | tmp |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | user |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out1 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out2 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out3 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out4 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out5 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | wc_out6 |
| drwxr-xr-x | acadgild | supergroup | 0 B | 0 | 0 B | zookeeper |

Hadoop, 2014.

Hadoop
Overview
Datanodes
Snapshot
Startup Progress
Utilities

Browse Dir

| Permission | Owner | Group | Size | Replication | Block Size | Name |
|------------|----------|------------|-------|-------------|------------|---------------------------|
| -rw-r--r-- | acadgild | supergroup | 416 B | 1 | 128 MB | f2.txt |
| -rw-r--r-- | acadgild | supergroup | 28 B | 1 | 128 MB | file3.txt |
| -rw-r--r-- | acadgild | supergroup | 0 B | 0 | 0 B | file4.txt |

Hadoop, 2014.

File information - f2.txt

[Download](#)

Block information -- Block 0

Block ID: 1073742104
Block Pool ID: BP-695350366-127.0.0.1-1446620353823
Generation Stamp: 1285
Size: 70
Availability:

- localhost

Close

Browse Directory

/hadoopdata/hdfs

Go!

| Permission | Owner | Group | Size | Replication | Block Size | Name |
|------------|----------|------------|-------|-------------|------------|---------------------------|
| -rw-r--r-- | acadgild | supergroup | 70 B | 1 | 128 MB | f2.txt |
| -rw-r--r-- | acadgild | supergroup | 102 B | 1 | 128 MB | file3.txt |
| -rw-r--r-- | acadgild | supergroup | 70 B | 1 | 128 MB | file4.txt |