

```
[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 libra
ry 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-aca
dgild-namenode-localhost.localdomain.out
localhost: starting datanode, logging to /usr/local/hadoop-2.6.0/logs/hadoop-aca
dgild-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/had
oop-acadgild-secondarynamenode-localhost.localdomain.out
18/03/01 11:46:26 WARN util.NativeCodeLoader: Unable to load native-hadoop libra
ry 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-ac
adgild-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 fill.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                               fill.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_0000000000000001991)

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
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Snapshot Summary

Snapshottable directories: 0

Path	Snapshot Number	Snapshot Quota	Modification Time	Permission	Owner	Group
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Snapshotted directories: 0

Snapshot ID	Snapshot Directory	Modification Time
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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
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Browse Dir

/hadoopdata/hdfs

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