

```
Microsoft Windows [Version 10.0.22631.4037]
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C:\Windows\System32>hadoop -version
java version "1.8.0_411"
Java(TM) SE Runtime Environment (build 1.8.0_411-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.411-b09, mixed mode)

C:\Windows\System32>
```

```
C:\Windows\System32>hdfs namenode -format
2024-08-25 22:09:53,806 INFO namenode.NameNode: STARTUP_MSG:
/*****
STARTUP_MSG: Starting NameNode
STARTUP_MSG: host = MSI/192.168.10.35
STARTUP_MSG: args = [-format]
STARTUP_MSG: version = 3.3.0
STARTUP_MSG: classpath = G:\hadoop-3.3.0\etc\hadoop;G:\hadoop-3.3.0\share\hadoop\common;G:\hadoop-3.3.0\share\hadoop\
common\lib\accessors-smart-1.2.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\animal-sniffer-annotations-1.17.jar;G:\hadoop
3.3.0\share\hadoop\common\lib\asm-5.0.4.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\audience-annotations-0.5.0.jar;G:\h
adoop-3.3.0\share\hadoop\common\lib\avro-1.7.7.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\checker-qual-2.5.2.jar;G:\h
adoop-3.3.0\share\hadoop\common\lib\commons-beanutils-1.9.4.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-cli-1.2.jar
;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-codec-1.11.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-collecti
ons-3.2.2.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-compress-1.19.jar;G:\hadoop-3.3.0\share\hadoop\common\lib
commons-configuration2-2.1.1.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-daemon-1.0.13.jar;G:\hadoop-3.3.0\share
\hadoop\common\lib\commons-io-2.5.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-lang3-3.7.jar;G:\hadoop-3.3.0\share
\hadoop\common\lib\commons-logging-1.1.3.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-math3-3.1.1.jar;G:\hadoop
3.3.0\share\hadoop\common\lib\commons-net-3.6.jar;G:\hadoop-3.3.0\share\hadoop\common\lib\commons-text-1.4.jar;G:\hadoop
```

```
Administrator: Command Prompt
2024-08-25 22:09:56,723 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
2024-08-25 22:09:56,723 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
Re-Form Apache Hadoop Distribution - hadoop namenode
2024-08-25 22:09:56,723 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
Administrator: Apache Hadoop Distribution
2024-08-25 22:09:56,723 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
Apache Hadoop Distribution - yarn resourcemanager
2024-08-25 22:09:56,723 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
Apache Hadoop Distribution - yarn nodemanager
2024-08-25 22:09:56,723 INFO util.GSet: 0.029999999329447746% max memory 889 MB = 273.1 KB
ContainersMonitorImpl
2024-08-25 22:13:10,290 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.nodemanager.containermanager.launcher.ContainersLaunchEvent for class org.apache.hadoop.yarn.server.nodemanager.containermanager.launcher.ContainersLauncher
2024-08-25 22:13:10,292 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.nodemanager.containermanager.scheduler.ContainerSchedulerEvent for class org.apache.hadoop.yarn.server.nodemanager.containermanager.scheduler.ContainerScheduler
2024-08-25 22:13:10,296 INFO tracker.NMLogAggregationStatusTracker: the rolling interval seconds for the NodeManager Cache log aggregation status is 600
2024-08-25 22:13:10,315 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.nodemanager.containermanager.impl.ContainerManagerEvent for class org.apache.hadoop.yarn.server.nodemanager.containermanager.impl.ContainerManagerImpl
2024-08-25 22:13:10,315 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.nodemanager.NodeManagerEvent for class org.apache.hadoop.yarn.server.nodemanager.NodeManager
2024-08-25 22:13:10,356 INFO impl.MetricsConfig: Loaded properties from hadoop-metrics2.properties
2024-08-25 22:13:10,403 INFO impl.MetricsSystemImpl: Scheduled Metric snapshot period at 10 second(s).
2024-08-25 22:13:10,403 INFO impl.MetricsSystemImpl: NodeManager metrics system started
2024-08-25 22:13:10,416 INFO health.NodeHealthScriptRunner: Missing location for the node health check script "script".
2024-08-25 22:13:10,434 INFO nodemanager.DirectoryCollection: Disk Validator 'basic' is loaded.
2024-08-25 22:13:10,451 INFO nodemanager.DirectoryCollection: Disk Validator 'basic' is loaded.
2024-08-25 22:13:10,474 INFO nodemanager.NodeResourceManagerImpl: Using ResourceCalculatorPlugin : org.apache.hadoop.yarn.util.resource.ResourceCalculatorPlugin@6f63b475
2024-08-25 22:13:10,477 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.nodemanager.containermanager.loghandler.event.LogHandlerEvent for class org.apache.hadoop.yarn.server.nodemanager.containermanager.loghandler.NonAggregatingLogHandler
2024-08-25 22:13:10,479 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.nodemanager.containermanager.localizer.sharedcache.SharedCacheUploadEvent for class org.apache.hadoop.yarn.server.nodemanager.containermanager.localizer.sharedcache.SharedCacheUploadService
2024-08-25 22:13:10,479 INFO containermanager.ContainerManagerImpl: AMRMProxyService is disabled
2024-08-25 22:13:10,480 INFO localizer.ResourceLocalizationService: per directory file limit = 8192
```

## Jps

```

Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.3958]
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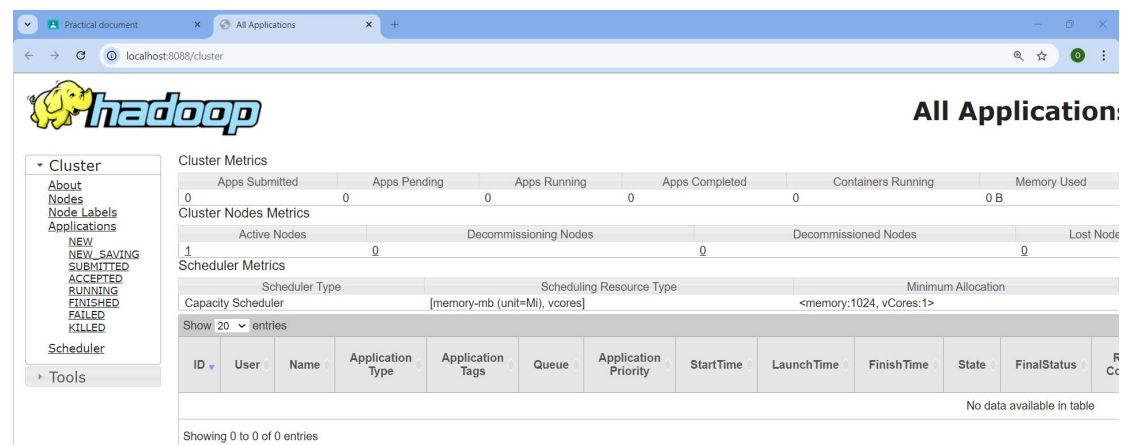
C:\Windows\System32>start-all
This script is Deprecated. Instead use start-dfs.cmd and start-yarn.cmd
starting yarn daemons

C:\Windows\System32>jps
20704 Jps
21472 NodeManager
9328 DataNode
23592 NameNode
6300 ResourceManager

C:\Windows\System32>hadoop -version
java version "1.8.0_411"
Java(TM) SE Runtime Environment (build 1.8.0_411-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.411-b09, mixed mode)

```

## Localhost:8088/cluster



**All Application**

Cluster Metrics					
Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Memory Used
0	0	0	0	0	0 B

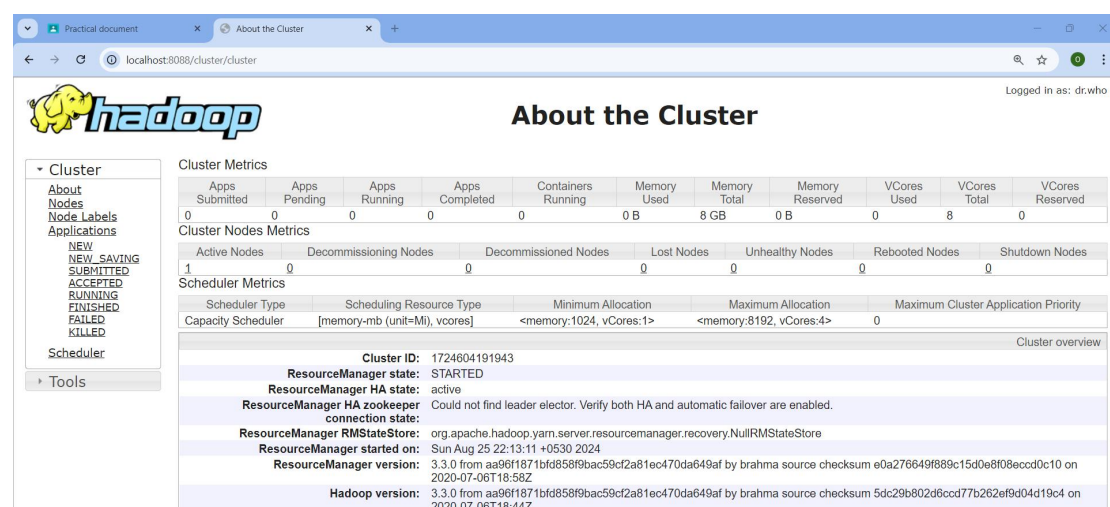
Cluster Nodes Metrics					
Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Node		
1	0	0	0		

Scheduler Metrics		
Scheduler Type	Scheduling Resource Type	Minimum Allocation
Capacity Scheduler	[memory-mb (unit=M), vcores]	<memory:1024, vCores:1>

Show 20 entries

ID	User	Name	Application Type	Application Tags	Queue	Application Priority	StartTime	LaunchTime	FinishTime	State	FinalStatus	FinalTime
No data available in table												

Showing 0 to 0 of 0 entries



**About the Cluster**

Cluster Metrics										
Apps Submitted	Apps Pending	Apps Running	Apps Completed	Containers Running	Memory Used	Memory Total	Memory Reserved	VCores Used	VCores Total	VCores Reserved
0	0	0	0	0	0 B	8 GB	0 B	0	8	0

Cluster Nodes Metrics							
Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Nodes	Unhealthy Nodes	Rebooted Nodes	Shutdown Nodes	
1	0	0	0	0	0	0	

Scheduler Metrics				
Scheduler Type	Scheduling Resource Type	Minimum Allocation	Maximum Allocation	Maximum Cluster Application Priority
Capacity Scheduler	[memory-mb (unit=M), vcores]	<memory:1024, vCores:1>	<memory:8192, vCores:4>	0

Cluster overview

<b>Cluster ID:</b>	1724604191943
<b>ResourceManager state:</b>	STARTED
<b>ResourceManager HA state:</b>	active
<b>ResourceManager HA zookeeper connection state:</b>	Could not find leader elector. Verify both HA and automatic failover are enabled.
<b>ResourceManager RMStateStore:</b>	org.apache.hadoop.yarn.server.resourcemanager.recovery.NullRMStateStore
<b>ResourceManager started on:</b>	Sun Aug 25 22:13:11 +0530 2024
<b>ResourceManager version:</b>	3.3.0 from aa96f1871bfd858f9bac59cf2a81ec470da649af by brahma source checksum e0a276649f889c15d0e8f08ecdd0c10 on 2020-07-06T18:58Z
<b>Hadoop version:</b>	3.3.0 from aa96f1871bfd858f9bac59cf2a81ec470da649af by brahma source checksum 5dc29b802d6ccd77b262ef9d04d19c4 on 2020-07-06T18:44Z

```

C:\Windows\System32>start-all
This script is Deprecated. Instead use start-dfs.cmd and start-yarn.cmd
starting yarn daemons

C:\Windows\System32>jps
19520 Jps
21792 NameNode
2356 DataNode
18904 ResourceManager
22392 NodeManager

C:\Windows\System32>hdfs dfs -mkdir /demo

C:\Windows\System32>hdfs dfs -ls /demo

C:\Windows\System32>hdfs dfs -put "G:\BDAV\data.txt" /demo

```

```

C:\Windows\System32>hdfs dfs -mkdir /demo

C:\Windows\System32>hdfs dfs -ls /demo

C:\Windows\System32>hdfs dfs -put "G:\BDAV\data.txt" /demo

C:\Windows\System32>hdfs dfs -copyFromLocal "G:\BDAV\test1.txt" /demo

C:\Windows\System32>hdfs dfs -get /demo "G:\BDAV\test2.txt"

C:\Windows\System32>hdfs dfs -get /demo/data.txt "G:\BDAV\test2.txt"
get: `G:/BDAV/test2.txt/data.txt': File exists

C:\Windows\System32>hdfs dfs -get /demo/data.txt "G:\BDAV\test3.txt"

C:\Windows\System32>hdfs dfs -cat /demo/data.txt
This My file MCA Wala
Hello World
1
2
3
4
5
6
7
8
9
C:\Windows\System32>

```



```

C:\Windows\System32>hdfs dfs -mkdir /BigDemo

C:\Windows\System32>hdfs dfs -mv /demo /BigDemo

C:\Windows\System32>S_

```

## Browse Directory

/

Go!

Show

25

entries

Search:

<input type="checkbox"/>	<div><div></div>Permission</div>	<div><div></div>Owner</div>	<div><div></div>Group</div>	<div><div></div>Size</div>	<div><div></div>Last Modified</div>	<div><div></div>Replication</div>	<div><div></div>Block Size</div>	<div><div></div>Name</div>	<div><div></div></div>
<input type="checkbox"/>	drwxr-xr-x	<a href="#">omkar</a>	<a href="#">supergroup</a>	0 B	Aug 26 00:10	<a href="#">0</a>	0 B	<a href="#">BigDemo</a>	

Showing 1 to 1 of 1 entries

Previous

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Next

```

C:\Windows\System32>hdfs dfs -cp /BigDemo/demo/data.txt /BigDemo/DataFlair

C:\Windows\System32>

```

## Browse Directory

/BigDemo

Go!

Show

25

entries

Search:

<input type="checkbox"/>	<div></div> Permission	<div></div> Owner	<div></div> Group	<div></div> Size	<div></div> Last Modified	<div></div> Replication	<div></div> Block Size	<div></div> Name	<div></div>
<input type="checkbox"/>	<a href="#">-rw-r--r--</a>	<a href="#">omkar</a>	<a href="#">supergroup</a>	61 B	Aug 26 00:13	<a href="#">1</a>	128 MB	<a href="#">DataFlair</a>	
<input type="checkbox"/>	<a href="#">drwxr-xr-x</a>	<a href="#">omkar</a>	<a href="#">supergroup</a>	0 B	Aug 26 00:06	<a href="#">0</a>	0 B	<a href="#">demo</a>	

Showing 1 to 2 of 2 entries

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