

SE6103 - Parallel and Distributed Systems | Assignment - Hadoop Clusters

19APSE4325 - Tharindu Lakmal

The screenshot shows the Docker Desktop interface. On the left is a sidebar with navigation icons for Containers, Images, Volumes, Builds, Docker Scout, and Extensions. The main panel is titled 'Containers' and shows a summary of container usage: CPU usage at 0.36% (8 CPUs available) and memory usage at 544.54MB (3.65GB). Below this is a search bar and a toggle for 'Only show running containers'. A terminal window is open, displaying the command to run a Hadoop cluster: `docker run -it --name hadoop-cluster -p 9870:9870 -p 8088:8088 -p 50070:50070 bde2020/hadoop-namenode:latest /bin/bash`. The terminal output shows the container's configuration and the startup of the NameNode. The bottom status bar indicates the engine is running, with 1.59 GB RAM and 0.62% CPU usage.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\thari> docker run -it --name hadoop-cluster -p 9870:9870 -p 8088:8088 -p 50070:50070 bde2020/hadoop-namenode:latest /bin/bash
Configuring core
- Setting fs.defaultFS=hdfs://b788d17a3f26:8020
Configuring hdfs
- Setting dfs.namenode.name.dir=file:///hadoop/dfs/name
Configuring yarn
Configuring httpfs
Configuring kms
Configuring mapred
Configuring multihomed network
root@b788d17a3f26:/# hdfs namenode -format

2024-11-18 13:55:23,075 INFO namenode.NameNode: STARTUP_MSG:
/*****
STARTUP_MSG: Starting NameNode
STARTUP_MSG: host = b788d17a3f26/172.17.0.2
STARTUP_MSG: args = [-format]
STARTUP_MSG: version = 3.2.1
STARTUP_MSG: classpath = /etc/hadoop:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-jaxrs-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/
lib/hadoop-annotations-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/opt/h
```

This screenshot shows the Docker Desktop interface after the Hadoop cluster has started. The 'Containers' panel shows the same container, but the CPU usage has increased to 0.43%. The terminal window displays the startup logs for the Hadoop cluster, including the NameNode registration, cluster ID generation, and various configuration parameters. The bottom status bar shows the engine is running, with 1.66 GB RAM and 0.37% CPU usage.

```
hadoop-yarn-server-resourcemanager-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-submarine-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/
yarn/hadoop-yarn-server-common-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-server-nodemanager-3.2.1.jar:/opt/hadoop-3.2.1/share/ha
doo/yarn/hadoop-yarn-server-timeline-pluginstorage-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-applications-unmanaged-am-launcher
-3.2.1.jar
STARTUP_MSG: build = https://gitbox.apache.org/repos/asf/hadoop.git -r b3cbbb467e22ea829b3808f4b7b01d07e0bf3842; compiled by 'rohithsharmaks'
on 2019-09-10T15:56Z
STARTUP_MSG: java = 1.8.0_232
****
2024-11-18 13:55:23,126 INFO namenode.NameNode: registered UNIX signal handlers for [TERM, HUP, INT]
2024-11-18 13:55:23,310 INFO namenode.NameNode: createNameNode [-format]
Formatting using clusterId: CID-6ea67249-7b08-4d28-9386-63f8d516cc5e
2024-11-18 13:55:24,634 INFO namenode.FSEditLog: Edit logging is async:true
2024-11-18 13:55:24,665 INFO namenode.FSNamesystem: KeyProvider: null
2024-11-18 13:55:24,667 INFO namenode.FSNamesystem: fsLock is fair: true
2024-11-18 13:55:24,672 INFO namenode.FSNamesystem: Detailed lock hold time metrics enabled: false
2024-11-18 13:55:24,708 INFO namenode.FSNamesystem: fsOwner = root (auth:SIMPLE)
2024-11-18 13:55:24,708 INFO namenode.FSNamesystem: supergroup = supergroup
2024-11-18 13:55:24,708 INFO namenode.FSNamesystem: isPermissionEnabled = true
2024-11-18 13:55:24,708 INFO namenode.FSNamesystem: HA Enabled: false
2024-11-18 13:55:24,813 INFO common.Util: dfs.datanode.fileio.profilng.sampling.percentage set to 0. Disabling file IO profiling
2024-11-18 13:55:24,830 INFO blockmanagement.DatanodeManager: dfs.block.invalidate.limit: configured=1000, counted=60, effected=1000
2024-11-18 13:55:24,830 INFO blockmanagement.DatanodeManager: dfs.namenode.datanode.registration.ip-hostname-check=true
2024-11-18 13:55:24,838 INFO blockmanagement.BlockManager: dfs.namenode.startup.delay.block.deletion.sec is set to 000:00:00:00:00:00
2024-11-18 13:55:24,838 INFO blockmanagement.BlockManager: The block deletion will start around 2024 Nov 18 13:55:24
2024-11-18 13:55:24,841 INFO util.GSet: Computing capacity for map BlocksMap
```

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

0.88% / 800% (8 CPUs available)

Container memory usage

544.64MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 13:55:24,841 INFO util.GSet: VM type = 64-bit

2024-11-18 13:55:24,844 INFO util.GSet: 2.0% max memory 852 MB = 17.0 MB

2024-11-18 13:55:24,844 INFO util.GSet: capacity = 2^21 = 2097152 entries

2024-11-18 13:55:24,855 INFO blockmanagement.BlockManager: Storage policy satisfier is disabled

2024-11-18 13:55:24,855 INFO blockmanagement.BlockManager: dfs.block.access.token.enable = false

2024-11-18 13:55:24,862 INFO Configuration.deprecation: No unit for dfs.namenode.safemode.extension(30000) assuming MILLISECONDS

2024-11-18 13:55:24,862 INFO blockmanagement.BlockManagerSafeMode: dfs.namenode.safemode.threshold-pct = 0.9990000128746033

2024-11-18 13:55:24,862 INFO blockmanagement.BlockManagerSafeMode: dfs.namenode.safemode.min.datanodes = 0

2024-11-18 13:55:24,862 INFO blockmanagement.BlockManagerSafeMode: dfs.namenode.safemode.extension = 30000

2024-11-18 13:55:24,863 INFO blockmanagement.BlockManager: defaultReplication = 3

2024-11-18 13:55:24,863 INFO blockmanagement.BlockManager: maxReplication = 512

2024-11-18 13:55:24,863 INFO blockmanagement.BlockManager: minReplication = 1

2024-11-18 13:55:24,863 INFO blockmanagement.BlockManager: maxReplicationStreams = 2

2024-11-18 13:55:24,864 INFO blockmanagement.BlockManager: redundancyRecheckInterval = 3000ms

2024-11-18 13:55:24,865 INFO blockmanagement.BlockManager: encryptDataTransfer = false

2024-11-18 13:55:24,865 INFO blockmanagement.BlockManager: maxNumBlocksToLog = 1000

2024-11-18 13:55:24,940 INFO namenode.FSDirectory: GLOBAL serial map: bits=29 maxEntries=536870911

2024-11-18 13:55:24,940 INFO namenode.FSDirectory: USER serial map: bits=24 maxEntries=16777215

2024-11-18 13:55:24,940 INFO namenode.FSDirectory: GROUP serial map: bits=24 maxEntries=16777215

2024-11-18 13:55:24,940 INFO namenode.FSDirectory: XATTR serial map: bits=24 maxEntries=16777215

2024-11-18 13:55:24,955 INFO util.GSet: Computing capacity for map INodeMap

2024-11-18 13:55:24,955 INFO util.GSet: VM type = 64-bit

2024-11-18 13:55:24,955 INFO util.GSet: 1.0% max memory 852 MB = 8.5 MB

2024-11-18 13:55:24,955 INFO util.GSet: capacity = 2^20 = 1048576 entries

2024-11-18 13:55:24,958 INFO namenode.FSDirectory: ACLs enabled? false

Engine running

RAM 1.67 GB CPU 0.25%

BETA Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

0.40% / 800% (8 CPUs available)

Container memory usage

544.64MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 13:55:24,958 INFO namenode.FSDirectory: POSIX ACL inheritance enabled? true

2024-11-18 13:55:24,958 INFO namenode.FSDirectory: XAttrs enabled? true

2024-11-18 13:55:24,958 INFO namenode.NameNode: Caching file names occurring more than 10 times

2024-11-18 13:55:24,964 INFO snapshot.SnapshotManager: Loaded config captureOpenFiles: false, skipCaptureAccessTimeOnlyChange: false, snapshotDiffAllowSnapRootDescendant: true, maxSnapshotLimit: 65536

2024-11-18 13:55:24,966 INFO snapshot.SnapshotManager: SkipList is disabled

2024-11-18 13:55:24,975 INFO util.GSet: Computing capacity for map cachedBlocks

2024-11-18 13:55:24,975 INFO util.GSet: VM type = 64-bit

2024-11-18 13:55:24,975 INFO util.GSet: 0.25% max memory 852 MB = 2.1 MB

2024-11-18 13:55:24,975 INFO util.GSet: capacity = 2^18 = 262144 entries

2024-11-18 13:55:24,992 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.window.num.buckets = 10

2024-11-18 13:55:24,992 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.num.users = 10

2024-11-18 13:55:24,992 INFO metrics.TopMetrics: NNTop conf: dfs.namenode.top.windows.minutes = 1,5,25

2024-11-18 13:55:25,021 INFO namenode.FSNamesystem: Retry cache on namenode is enabled

2024-11-18 13:55:25,021 INFO namenode.FSNamesystem: Retry cache will use 0.03 of total heap and retry cache entry expiry time is 600000 millis

2024-11-18 13:55:25,026 INFO util.GSet: Computing capacity for map NameNodeRetryCache

2024-11-18 13:55:25,026 INFO util.GSet: VM type = 64-bit

2024-11-18 13:55:25,027 INFO util.GSet: 0.029999999329447746% max memory 852 MB = 261.7 KB

2024-11-18 13:55:25,027 INFO util.GSet: capacity = 2^15 = 32768 entries

2024-11-18 13:55:25,069 INFO namenode.FSImage: Allocated new BlockPoolId: BP-330064747-172.17.0.2-1731938125060

2024-11-18 13:55:25,190 INFO common.Storage: Storage directory /hadoop/dfs/name has been successfully formatted.

2024-11-18 13:55:25,302 INFO namenode.FSImageFormatProtobuf: Saving image file /hadoop/dfs/name/current/fsimage.ckpt_000000000000000000 using no compression

2024-11-18 13:55:25,427 INFO namenode.FSImageFormatProtobuf: Image file /hadoop/dfs/name/current/fsimage.ckpt_000000000000000000 of size 399 bytes saved in 0 seconds.

Engine running

RAM 1.68 GB CPU 0.25%

BETA Terminal New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage ⓘ
0.50% / 800% (8 CPUs available)

Container memory usage ⓘ
544.64MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 13:55:25,465 INFO namenode.NNStorageRetentionManager: Going to retain 1 images with txid >= 0
2024-11-18 13:55:25,473 INFO namenode.FSImage: FSImageSaver clean checkpoint: txid=0 when meet shutdown.
2024-11-18 13:55:25,474 INFO namenode.NameNode: SHUTDOWN_MSG:
/*****
SHUTDOWN_MSG: Shutting down NameNode at b788d17a3f26/172.17.0.2

root@b788d17a3f26:/#
root@b788d17a3f26:/# hdfs namenode &
[1] 169
root@b788d17a3f26:/# 2024-11-18 13:55:48,621 INFO namenode.NameNode: STARTUP_MSG:
/*****
STARTUP_MSG: Starting NameNode
STARTUP_MSG: host = b788d17a3f26/172.17.0.2
STARTUP_MSG: args = []
STARTUP_MSG: version = 3.2.1
STARTUP_MSG: classpath = /etc/hadoop:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-jaxrs-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/hadoop-annotations-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/error_prone_annotations-2.2.0.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jclap-annotations-1.0-1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/snappy-java-1.0.5.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-net-3.6.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-compress-1.18.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-core-asl-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/metrics-core-3.2.4.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/checker-qual-2.5.2.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-codec-1.11.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jetty-server-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/kerby-xdr-1.0.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-math3-3.1.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/asn-5.0.4.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jetty-http-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jersey-server-1.19.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/json-smart-2.3.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jersey-json-1.19.jar:/opt/hadoop-3.2.1/share/hadoop/

Engine running

RAM 1.66 GB CPU 1.37%

BETA Terminal New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage ⓘ
0.42% / 800% (8 CPUs available)

Container memory usage ⓘ
544.74MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

yarn/hadoop-yarn-server-common-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-server-nodemanager-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-server-timeline-pluginstorage-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-applications-unmanaged-am-launcher-3.2.1.jar
STARTUP_MSG: butld = https://gitbox.apache.org/repos/asf/hadoop.git -r b3cbb467e22ea829b3808f4b7b01d07e0bf3842; compiled by 'rohitsharnaks' on 2019-09-10T15:56Z
STARTUP_MSG: java = 1.8.0_232

2024-11-18 13:55:48,649 INFO namenode.NameNode: registered UNIX signal handlers for [TERM, HUP, INT]
2024-11-18 13:55:48,765 INFO namenode.NameNode: createNameNode []
2024-11-18 13:55:49,031 INFO impl.MetricsConfig: Loaded properties from hadoop-metrics2.properties
2024-11-18 13:55:49,258 INFO impl.MetricsSystemImpl: Scheduled Metric snapshot period at 10 second(s).
2024-11-18 13:55:49,258 INFO impl.MetricsSystemImpl: NameNode metrics system started
2024-11-18 13:55:49,324 INFO namenode.NameNodeUtils: fs.defaultFS is hdfs://b788d17a3f26:8020
2024-11-18 13:55:49,324 INFO namenode.NameNode: Clients should use b788d17a3f26:8020 to access this namenode/service.
2024-11-18 13:55:49,656 INFO util.JvmPauseMonitor: Starting JVM pause monitor
2024-11-18 13:55:49,793 INFO hdfs.DFSUtil: Starting Web-server for hdfs at: http://0.0.0.0:9870
2024-11-18 13:55:49,830 INFO util.log: Logging initialized @1605ms
2024-11-18 13:55:49,891 INFO server.AuthenticationFilter: Unable to initialize FileSignerSecretProvider, falling back to use random secrets.
2024-11-18 13:55:50,003 INFO http.HttpRequestLog: Http request log for http.requests.namenode is not defined
2024-11-18 13:55:50,012 INFO http.HttpServer2: Added global filter 'safety' (class=org.apache.hadoop.http.HttpServer2\$QuotingInputFilter)
2024-11-18 13:55:50,017 INFO http.HttpServer2: Added filter static_user_filter (class=org.apache.hadoop.http.lib.StaticUserWebFilter\$StaticUserFilter) to context hdfs
2024-11-18 13:55:50,018 INFO http.HttpServer2: Added filter static_user_filter (class=org.apache.hadoop.http.lib.StaticUserWebFilter\$StaticUserFilter) to context logs
2024-11-18 13:55:50,018 INFO http.HttpServer2: Added filter static_user_filter (class=org.apache.hadoop.http.lib.StaticUserWebFilter\$StaticUserFilter) to context logs

Engine running

RAM 1.66 GB CPU 0.38%

BETA Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage ⓘ
0.96% / 800% (8 CPUs available)

Container memory usage ⓘ
544.74MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 13:55:50,467 INFO server.AbstractConnector: Started ServerConnector@700fb871(HTTP/1.1,[http/1.1]){0.0.0.0:9870}

2024-11-18 13:55:50,467 INFO server.Server: Started @2243ms

2024-11-18 13:55:50,674 WARN namenode.FSNamesystem: Only one image storage directory (dfs.namenode.name.dir) configured. Beware of data loss due to lack of redundant storage directories!

2024-11-18 13:55:50,674 WARN namenode.FSNamesystem: Only one namespace edits storage directory (dfs.namenode.edits.dir) configured. Beware of data loss due to lack of redundant storage directories!

2024-11-18 13:55:50,808 INFO namenode.FSEditLog: Edit logging is async:true

2024-11-18 13:55:50,821 INFO namenode.FSNamesystem: KeyProvider: null

2024-11-18 13:55:50,872 INFO namenode.FSNamesystem: fsLock is fair: true

2024-11-18 13:55:50,872 INFO namenode.FSNamesystem: Detailed lock hold time metrics enabled: false

2024-11-18 13:55:50,880 INFO namenode.FSNamesystem: fsOwner = root (auth:SIMPLE)

2024-11-18 13:55:50,880 INFO namenode.FSNamesystem: supergroup = supergroup

2024-11-18 13:55:50,880 INFO namenode.FSNamesystem: isPermissionEnabled = true

2024-11-18 13:55:50,880 INFO namenode.FSNamesystem: HA Enabled: false

2024-11-18 13:55:50,917 INFO common.Util: dfs.datanode.fileio.profiling.sampling.percentage set to 0. Disabling file IO profiling

2024-11-18 13:55:50,924 INFO blockmanagement.DatanodeManager: dfs.block.invaliddate.limit: configured=1000, counted=60, effected=1000

2024-11-18 13:55:50,924 INFO blockmanagement.DatanodeManager: dfs.namenode.datanode.registration.ip-hostname-check=true

2024-11-18 13:55:50,930 INFO blockmanagement.BlockManager: dfs.namenode.startup.delay.block.deletion.sec is set to 000:00:00:00.000

2024-11-18 13:55:50,931 INFO blockmanagement.BlockManager: The block deletion will start around 2024 Nov 18 13:55:50

2024-11-18 13:55:50,934 INFO util.GSet: Computing capacity for map BlocksMap

2024-11-18 13:55:50,934 INFO util.GSet: VM type = 64-bit

2024-11-18 13:55:50,935 INFO util.GSet: 2.0% max memory 852 MB = 17.0 MB

2024-11-18 13:55:50,935 INFO util.GSet: capacity = 2^21 = 2097152 entries

2024-11-18 13:55:50,943 INFO blockmanagement.BlockManager: Storage policy satisfier is disabled

2024-11-18 13:55:50,943 INFO blockmanagement.BlockManager: dfs.block.access.token.enable = false

Search

Window

Engine running

RAM 1.66 GB CPU 0.38%

BETA Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage ⓘ
1.06% / 800% (8 CPUs available)

Container memory usage ⓘ
544.74MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 13:55:52,312 INFO namenode.NameNode: NameNode RPC up at: b788d17a3f26/172.17.0.2:8020

2024-11-18 13:55:52,316 INFO namenode.FSNamesystem: Starting services required for active state

2024-11-18 13:55:52,316 INFO namenode.FSDirectory: Initializing quota with 4 thread(s)

2024-11-18 13:55:52,352 INFO namenode.FSDirectory: Quota initialization completed in 34 milliseconds

name space=1

storage space=0

storage types=RAM_DISK=0, SSD=0, DISK=0, ARCHIVE=0, PROVIDED=0

2024-11-18 13:55:52,360 INFO blockmanagement.CacheReplicationMonitor: Starting CacheReplicationMonitor with interval 30000 milliseconds

root@b788d17a3f26:/# hdfs datanode &

[2] 285

root@b788d17a3f26:/# 2024-11-18 13:56:43,433 INFO datanode.DataNode: STARTUP_MSG:

/*****

STARTUP_MSG: Starting DataNode

STARTUP_MSG: host = b788d17a3f26/172.17.0.2

STARTUP_MSG: args = []

STARTUP_MSG: version = 3.2.1

STARTUP_MSG: classpath = /etc/hadoop/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-jaxrs-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/hadoop-annotations-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/error_prone_annotations-2.2.0.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jclp-annotations-1.0.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/snappy-java-1.0.5.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-net-3.6.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-compress-1.18.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-core-asl-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/metrics-core-3.2.4.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/checker-qual-2.5.2.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/commons-codec-1.11.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/jetty-server-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/kerby-xdr-1.0.1.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/commons-math3-3.1.1.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/asm-5.0.4.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/jetty-http-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/jersey-server-1.19.jar:/opt/hadoop

Search

Window

Engine running

RAM 1.66 GB CPU 0.25%

BETA Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

0.45% / 800% (8 CPUs available)

Container memory usage

544.74MB / 3.65GB

Show charts

Search

Only show running containers

Terminal

hadoop-yarn-server-resourcemanager-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-submarine-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-server-common-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-server-nodemanager-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop-yarn/hadoop-yarn-server-timeline-pluginstorage-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/hadoop-yarn-applications-unmanaged-am-launcher-3.2.1.jar
STARTUP_MSG: butld = https://gitbox.apache.org/repos/asf/hadoop.git -r b3cbb467e22ea829b3808f4b7b01d07e0bf3842; compiled by 'rohitsharnaks' on 2019-09-10T15:56Z
STARTUP_MSG: java = 1.8.0_232

2024-11-18 13:56:43,481 INFO datanode.DataNode: registered UNIX signal handlers for [TERM, HUP, INT]
2024-11-18 13:56:44,877 INFO checker.ThrottledAsyncChecker: Scheduling a check for [DISK]file:/tmp/hadoop-root/dfs/data
2024-11-18 13:56:45,222 INFO impl.MetricsConfig: Loaded properties from hadoop-metrics2.properties
2024-11-18 13:56:45,795 INFO impl.MetricsSystemImpl: Scheduled Metric snapshot period at 10 second(s).
2024-11-18 13:56:45,795 INFO impl.MetricsSystemImpl: DataNode metrics system started
2024-11-18 13:56:46,575 INFO common.Util: dfs.datanode.fileio.profiling.sampling.percentage set to 0. Disabling file IO profiling
2024-11-18 13:56:46,580 INFO datanode.BlockScanner: Initialized block scanner with targetBytesPerSec 1048576
2024-11-18 13:56:46,611 INFO datanode.DataNode: Configured hostname is b788d17a3f26
2024-11-18 13:56:46,612 INFO common.Util: dfs.datanode.fileio.profiling.sampling.percentage set to 0. Disabling file IO profiling
2024-11-18 13:56:46,637 INFO datanode.DataNode: Starting DataNode with maxLockedMemory = 0
2024-11-18 13:56:46,822 INFO datanode.DataNode: Opened streaming server at /0.0.0.0:9866
2024-11-18 13:56:46,877 INFO datanode.DataNode: Balancing bandwidth is 10485760 bytes/s
2024-11-18 13:56:46,877 INFO datanode.DataNode: Number threads for balancing is 50
2024-11-18 13:56:47,159 INFO util.log: Logging initialized @9364ms
2024-11-18 13:56:47,420 INFO server.AuthenticationFilter: Unable to initialize FileSignerSecretProvider, falling back to use random secrets.
2024-11-18 13:56:47,426 INFO http.HttpRequestLog: Http request log for http.requests.datanode is not defined
2024-11-18 13:56:47,440 INFO http.HttpServer2: Added global filter 'safety' (class=org.apache.hadoop.http.HttpServer2\$QuotingInputFilter)

Engine running

RAM 1.67 GB CPU 0.25%

BETA >_ Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

1.70% / 800% (8 CPUs available)

Container memory usage

1.15GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 13:56:51,724 INFO datanode.DataNode: Successfully sent block report 0x84417870e89632f0, containing 1 storage report(s), of which we sent 1. The reports had 0 total blocks and used 1 RPC(s). This took 11 msec to generate and 66 msec for RPC and NN processing. Got back one command: FinalizeCommand/5.
2024-11-18 13:56:51,724 INFO datanode.DataNode: Got finalize command for block pool BP-330064747-172.17.0.2-1731938125060

root@b788d17a3f26:/# 2024-11-18 14:06:49,819 INFO util.JvmPauseMonitor: Detected pause in JVM or host machine (eg GC): pause of approximately 2447ms
No GCs detected

root@b788d17a3f26:/# yarn nodemanager &
[3] 763
root@b788d17a3f26:/# 2024-11-18 15:56:00,289 INFO nodemanager.NodeManager: STARTUP_MSG:
/*****
STARTUP_MSG: Starting NodeManager
STARTUP_MSG: host = b788d17a3f26/172.17.0.2
STARTUP_MSG: args = []
STARTUP_MSG: version = 3.2.1
STARTUP_MSG: classpath = /etc/hadoop:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-jaxrs-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/hadoop-annotations-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/listenablefuture-9999.0.empty-to-avoid-conflict-with-guava.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/error_prone_annotations-2.2.0.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jctp-annotations-1.0-1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/snappy-java-1.0.5.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-net-3.6.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-compress-1.18.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-core-asl-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/metrics-core-3.2.4.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/checker-qual-2.5.2.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-codec-1.11.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jetty-server-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/kerby-xdr-1.0.1.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/commons-math3-3.1.1.jar:/opt/hadoop-3.2.1/share/hadoop-common/lib/asn-5.0.4.jar:/opt/h

Engine running

RAM 2.37 GB CPU 0.13%

BETA >_ Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

2.64% / 800% (8 CPUs available)

Container memory usage

1.16GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

```
root@b788d17a3f26:/# 2024-11-18 16:09:36,266 INFO ipc.Client: Retrying connect to server: 0.0.0.0/0.0.0.0:8031. Already tried 7 time(s); retry policy is RetryUpToMaximumCountWithFixedSleep(maxRetries=10, sleepTime=1000 MILLISECONDS)
2024-11-18 16:09:37,268 INFO ipc.Client: Retrying connect to server: 0.0.0.0/0.0.0.0:8031. Already tried 8 time(s); retry policy is RetryUpToMaximumCountWithFixedSleep(maxRetries=10, sleepTime=1000 MILLISECONDS)

root@b788d17a3f26:/# 2024-11-18 16:09:38,269 INFO ipc.Client: Retrying connect to server: 0.0.0.0/0.0.0.0:8031. Already tried 9 time(s); retry policy is RetryUpToMaximumCountWithFixedSleep(maxRetries=10, sleepTime=1000 MILLISECONDS)

root@b788d17a3f26:/# yarn resourceManager &
[4] 1121
root@b788d17a3f26:/# 2024-11-18 16:10:05,111 INFO resourceManager.ResourceManager: STARTUP_MSG:
/*****
STARTUP_MSG: Starting ResourceManager
STARTUP_MSG: host = b788d17a3f26/172.17.0.2
STARTUP_MSG: args = []
STARTUP_MSG: version = 3.2.1
STARTUP_MSG: classpath = /etc/hadoop:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-jaxrs-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/hadoop-annotations-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/listenablefuture-9999.0-empty-to-avoid-conflict-with-guava.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/error_prone_annotations-2.2.0.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jcip-annotations-1.0-1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/snappy-java-1.0.5.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-net-3.6.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-compress-1.18.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jackson-core-asl-1.9.13.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/metrics-core-3.2.4.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/checker-qual-2.5.2.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-codec-1.11.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jetty-server-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/kerby-xdr-1.0.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/commons-math3-3.1.1.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/asm-5.0.4.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jetty-http-9.3.24.v20180605.jar:/opt/hadoop-3.2.1/share/hadoop/common/lib/jersey-server-1.19.jar:/opt/hadoop
```

Find

Copy

Delete

Engine running

RAM 2.38 GB CPU 1.88%

BETA >_ Terminal

New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

2.65% / 800% (8 CPUs available)

Container memory usage

1.17GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

```
erver-timelineservice-hbase-common-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/hadoop-yarn-server-timelineservice-hbase-client-3.2.1.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/hbase-protocol-1.2.6.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/metrics-core-2.2.0.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/hbase-common-1.2.6.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/hbase-client-1.2.6.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/hbase-annotations-1.2.6.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/commons-csv-1.0.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/joni-2.1.2.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/jcodings-1.0.13.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/commons-lang-2.6.jar:/opt/hadoop-3.2.1/share/hadoop/yarn/timelineservice/lib/htrace-core-3.1.0-incubating.jar
STARTUP_MSG: build = https://gitbox.apache.org/repos/asf/hadoop.git -r b3cbbb467ce2ea829b3808f4b7b01d07e0bf3842; compiled by 'rohithsharmaks' on 2019-09-10T15:56Z
STARTUP_MSG: java = 1.8.0_232
*****
2024-11-18 16:10:05,162 INFO resourceManager.ResourceManager: registered UNIX signal handlers for [TERM, HUP, INT]
2024-11-18 16:10:06,085 INFO conf.Configuration: found resource core-site.xml at file:/opt/hadoop-3.2.1/etc/hadoop/core-site.xml
2024-11-18 16:10:06,200 INFO conf.Configuration: resource-types.xml not found
2024-11-18 16:10:06,200 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2024-11-18 16:10:06,399 INFO conf.Configuration: found resource yarn-site.xml at file:/opt/hadoop-3.2.1/etc/hadoop/yarn-site.xml
2024-11-18 16:10:06,439 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.resourcemanager.RMFatalEventType for class org.apache.hadoop.yarn.server.resourcemanager.ResourceManager$RMFatalEventDispatcher
2024-11-18 16:10:06,571 INFO security.NMTokenSecretManagerInRM: NMTokenKeyRollingInterval: 86400000ms and NMTokenKeyActivationDelay: 900000ms
2024-11-18 16:10:06,580 INFO security.RMContainerTokenSecretManager: ContainerTokenKeyRollingInterval: 86400000ms and ContainerTokenKeyActivationDelay: 900000ms
2024-11-18 16:10:06,590 INFO security.AMRMTokenSecretManager: AMRMTokenKeyRollingInterval: 86400000ms and AMRMTokenKeyActivationDelay: 900000ms
2024-11-18 16:10:06,705 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.resourcemanager.recovery.RMStateStoreEventType for class org.apache.hadoop.yarn.server.resourcemanager.recovery.RMStateStore$ForwardingEventHandler
2024-11-18 16:10:06,714 INFO event.AsyncDispatcher: Registering class org.apache.hadoop.yarn.server.resourcemanager.NodesListManagerEventType fo
```

Find

Copy

Delete

Engine running

RAM 2.39 GB CPU 2.01%

BETA >_ Terminal

New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

2.44% / 800% (8 CPUs available)

Container memory usage

1.17GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 16:10:07,653 INFO capacity.CapacitySchedulerConfiguration: max alloc mb per queue for root.default is undefined

2024-11-18 16:10:07,653 INFO capacity.CapacitySchedulerConfiguration: max alloc vcore per queue for root.default is undefined

2024-11-18 16:10:07,659 INFO capacity.LeafQueue: Initializing default

capacity = 1.0 [= (float) configuredCapacity / 100]

absoluteCapacity = 1.0 [= parentAbsoluteCapacity * capacity]

maxCapacity = 1.0 [= configuredMaxCapacity]

absoluteMaxCapacity = 1.0 [= 1.0 maximumCapacity undefined, (parentAbsoluteMaxCapacity * maximumCapacity) / 100 otherwise]

effectiveMinResource=<memory:0, vCores:0>

, effectiveMaxResource=<memory:0, vCores:0>

userLimit = 100 [= configuredUserLimit]

userLimitFactor = 1.0 [= configuredUserLimitFactor]

maxApplications = 10000 [= configuredMaximumSystemApplicationsPerQueue or (int)(configuredMaximumSystemApplications * absoluteCapacity)]

maxApplicationsPerUser = 10000 [= (int)(maxApplications * (userLimit / 100.0f) * userLimitFactor)]

usedCapacity = 0.0 [= usedResourcesMemory / (clusterResourceMemory * absoluteCapacity)]

absoluteUsedCapacity = 0.0 [= usedResourcesMemory / clusterResourceMemory]

maxAMResourcePerQueuePercent = 0.1 [= configuredMaximumAMResourcePercent]

minimumAllocationFactor = 0.875 [= (float)(maximumAllocationMemory - minimumAllocationMemory) / maximumAllocationMemory]

maximumAllocation = <memory:8192, vCores:4> [= configuredMaxAllocation]

numContainers = 0 [= currentNumContainers]

state = RUNNING [= configuredState]

acls = ADMINISTER_QUEUE:*SUBMIT_APP:* [= configuredAcls]

nodeLocalityDelay = 40

rackLocalityAdditionalDelay = -1

labels=*

reservationsContinueLooking = true

Engine running

RAM 2.40 GB CPU 2.51%

BETA Terminal New version available

localhost:8088/cluster

VPN

All Applications

Cluster

About

Nodes

Node Labels

Applications

NEW

NEW SAVING

SUBMITTED

ACCEPTED

RUNNING

FINISHED

FAILED

KILLED

Scheduler

Tools

Cluster Metrics

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

Cluster Nodes Metrics

Active Nodes	Decommissioning Nodes	Decommissioned Nodes	Lost Nodes	Unhealthy Nodes	Rebooted Nodes
1	0	0	0	0	0

Scheduler Metrics

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

Show 20 entries

ID	User	Name	Application Type	Queue	Application Priority	StartTime	LaunchTime	FinishTime	State	FinalStatus	Running Containers	Allocated CPU VCores	Allocated Memory MB	Reserved CPU VCores	Reserved Memory MB	% of Queue	% of Cluster	Progress
No data available in table																		

Showing 0 to 0 of 0 entries

Overview 'b788d17a3f26:8020' (active)

Started:	Mon Nov 18 19:25:50 +0530 2024
Version:	3.2.1, rb3cbbb467e22ea829b3808f4b7b01d07e0bf3842
Compiled:	Tue Sep 10 21:26:00 +0530 2019 by rohlitsharmaks from branch-3.2.1
Cluster ID:	CfD-6ea67249-7b08-4d28-9386-63f8d516cc5e
Block Pool ID:	BP-330064747-172.17.0.2-1731938125060

Summary

Security is off.

Safemode is off.

1 files and directories, 0 blocks (0 replicated blocks, 0 erasure coded block groups) = 1 total filesystem object(s).

Heap Memory used 44.19 MB of 241.5 MB Heap Memory. Max Heap Memory is 852 MB.

Non Heap Memory used 44.58 MB of 46.09 MB Committed Non Heap Memory. Max Non Heap Memory is <unbounded>.

Configured Capacity:	1006.85 GB
Configured Remote Capacity:	0 B

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

2.51% / 800% (8 CPUs available)

Container memory usage

1.3GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

```
root@b788d17a3f26:/# hdfs dfs -mkdir -p /user/hadoop/input
2024-11-18 16:25:44,607 INFO namenode.FSEditLog: Number of transactions: 4 Total time for transactions(ms): 393 Number of transactions batched in Syncs: 0 Number of syncs: 2 SyncTimes(ms): 102
root@b788d17a3f26:/# hdfs dfs -put $HADOOP_HOME/etc/hadoop/*.xml /user/hadoop/input
2024-11-18 16:26:04,008 INFO hdfs.StateChange: BLOCK* allocate blk_1073741825_1001, replicas=172.17.0.2:9866 for /user/hadoop/input/capacity-scheduler.xml._COPYING_
2024-11-18 16:26:04,215 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false
2024-11-18 16:26:04,754 INFO localizer.ResourceLocalizationService: Cache Size Before Clean: 0, Total Deleted: 0, Public Deleted: 0, Private Deleted: 0
2024-11-18 16:26:05,776 INFO datanode.DataNode: Receiving BP-330064747-172.17.0.2-1731938125060:blk_1073741825_1001 src: /172.17.0.2:55310 dest: /172.17.0.2:9866
2024-11-18 16:26:06,105 INFO DataNode.clienttrace: src: /172.17.0.2:55310, dest: /172.17.0.2:9866, bytes: 8260, op: HDFS_WRITE, cliID: DFSClient_NONMAPREDUCE_230567525_1, offset: 0, srvID: 632afeb5-dede-4c3a-838b-064aa124a8d3, blockid: BP-330064747-172.17.0.2-1731938125060:blk_1073741825_1001, duration(ms): 65044511
2024-11-18 16:26:06,106 INFO datanode.DataNode: PacketResponder: BP-330064747-172.17.0.2-1731938125060:blk_1073741825_1001, type=LAST_IN_PIPELINE terminating
2024-11-18 16:26:06,250 INFO namenode.FSNamesystem: BLOCK* blk_1073741825_1001 is COMMITTED but not COMPLETE(numNodes=0 < minimum=1) in file /user/hadoop/input/capacity-scheduler.xml._COPYING_
2024-11-18 16:26:06,709 INFO hdfs.StateChange: DIR* completeFile: /user/hadoop/input/capacity-scheduler.xml._COPYING_ is closed by DFSClient_NONMAPREDUCE_230567525_1
2024-11-18 16:26:06,893 INFO hdfs.StateChange: BLOCK* allocate blk_1073741826_1002, replicas=172.17.0.2:9866 for /user/hadoop/input/core-site.xml._COPYING_
2024-11-18 16:26:06,931 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localHostTrusted = false, remoteHostTrusted = false
2024-11-18 16:26:06,933 INFO datanode.DataNode: Receiving BP-330064747-172.17.0.2-1731938125060:blk_1073741826_1002 src: /172.17.0.2:55326 dest: /172.17.0.2:9866
```

Engine running

RAM 2.53 GB CPU 1.13%

BETA Terminal New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

1.33% / 800% (8 CPUs available)

Container memory usage

1.31GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

root@b788d17a3f26:/# hadoop jar \$HADOOP_HOME/share/hadoop/mapreduce/hadoop-mapreduce-examples-*.jar wordcount /user/hadoop/input /user/hadoop/output

2024-11-18 16:36:00,541 INFO impl.MetricsConfig: Loaded properties from hadoop-metrics2.properties

2024-11-18 16:36:00,825 INFO impl.MetricsSystemImpl: Scheduled Metric snapshot period at 10 second(s).

2024-11-18 16:36:00,825 INFO impl.MetricsSystemImpl: JobTracker metrics system started

2024-11-18 16:36:01,856 INFO input.FileInputFormat: Total input files to process : 9

2024-11-18 16:36:01,927 INFO mapreduce.JobSubmitter: number of splits:9

2024-11-18 16:36:02,494 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local469283089_0001

2024-11-18 16:36:02,494 INFO mapreduce.JobSubmitter: Executing with tokens: []

2024-11-18 16:36:02,791 INFO mapreduce.Job: The url to track the job: http://localhost:9080/

2024-11-18 16:36:02,792 INFO mapreduce.Job: Running job: job_local469283089_0001

2024-11-18 16:36:02,794 INFO mapred.LocalJobRunner: OutputCommitter set in config null

2024-11-18 16:36:02,813 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 2

2024-11-18 16:36:02,813 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup _temporary folders under output directory:false, ignore cleanup failures: false

2024-11-18 16:36:02,814 INFO mapred.LocalJobRunner: OutputCommitter is org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter

2024-11-18 16:36:02,833 INFO namenode.FSEditLog: Number of transactions: 61 Total time for transactions(ms): 434 Number of transactions batched in Syncs: 11 Number of syncs: 48 SyncTimes(ms): 939

2024-11-18 16:36:02,920 INFO mapred.LocalJobRunner: Waiting for map tasks

2024-11-18 16:36:02,922 INFO mapred.LocalJobRunner: Starting task: attempt_local469283089_0001_m_000000_0

2024-11-18 16:36:02,968 INFO output.FileOutputCommitter: File Output Committer Algorithm version is 2

2024-11-18 16:36:02,969 INFO output.FileOutputCommitter: FileOutputCommitter skip cleanup _temporary folders under output directory:false, ignore cleanup failures: false

2024-11-18 16:36:03,297 INFO mapred.Task: Using ResourceCalculatorProcessTree : []

Engine running

RAM 2.61 GB CPU 2.86%

BETA Terminal New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

7.57% / 800% (8 CPUs available)

Container memory usage

1.31GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

2024-11-18 16:36:05,300 INFO mapred.Task: Final Counters for attempt_local469283089_0001_m_000000_0: Counters: 24

File System Counters

FILE: Number of bytes read=317864

FILE: Number of bytes written=845822

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=11392

HDFS: Number of bytes written=0

HDFS: Number of read operations=5

HDFS: Number of large read operations=0

HDFS: Number of write operations=1

HDFS: Number of bytes read erasure-coded=0

Map-Reduce Framework

Map input records=265

Map output records=1310

Map output bytes=15783

Map output materialized bytes=5170

Input split bytes=125

Combine input records=1310

Combine output records=256

Spilled Records=256

Failed Shuffles=0

Merged Map outputs=0

GC time elapsed (ms)=0

Engine running

RAM 2.62 GB CPU 0.13%

BETA Terminal New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

1.68% / 800% (8 CPUs available)

Container memory usage

1.32GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

Failed Shuffles=0

Merged Map outputs=9

GC time elapsed (ms)=14

Total committed heap usage (bytes)=907018240

Shuffle Errors

BAD_ID=0

CONNECTION=0

IO_ERROR=0

WRONG_LENGTH=0

WRONG_MAP=0

WRONG_REDUCE=0

File Output Format Counters

Bytes Written=10327

2024-11-18 16:36:08,656 INFO mapred.LocalJobRunner: Finishing task: attempt_local469283089_0001_r_000000_0

2024-11-18 16:36:08,656 INFO mapred.LocalJobRunner: reduce task executor complete.

2024-11-18 16:36:08,816 INFO mapreduce.Job: map 100% reduce 100%

2024-11-18 16:36:09,232 INFO hdfs.StateChange: DIR* completeFile: /user/hadoop/output/_SUCCESS is closed by DFSClient_NONMAPREDUCE_-468897890_1

2024-11-18 16:36:09,817 INFO mapreduce.Job: Job job_local469283089_0001 completed successfully

2024-11-18 16:36:09,839 INFO mapreduce.Job: Counters: 36

File System Counters

FILE: Number of bytes read=3264130

FILE: Number of bytes written=8592971

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

Engine running

RAM 2.62 GB CPU 0.88%

BETA Terminal New version available

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Give feedback

Container CPU usage

1.61% / 800% (8 CPUs available)

Container memory usage

1.33GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

File Output Format Counters

Bytes Written=10327

root@b788d17a3f26:/# hdfs dfs -cat /user/hadoop/output/part-r_00000

2024-11-18 16:37:51,337 INFO sasl.SaslDataTransferClient: SASL encryption trust check: localhostTrusted = false, remoteHostTrusted = false

"e" 21

"AS" 9

"License"); 9

"alice,bob" 21

"clumping" 1

(ASF) 1

(root) 1

(the) 9

--> 18

-1 1

-1, 1

0.0 1

1-MAX_INT. 1

1. 1

1.0. 1

2.0 9

40 2

40+20-60 1

: 2

<!-- 18

</configuration> 9

Engine running

RAM 2.63 GB CPU 0.38%

BETA Terminal New version available

docker desktop

Search for images, containers, volumes, extensions...

Ctrl+K

Containers

Images

Volumes

Builds

Docker Scout

Extensions

Containers

Container CPU usage ⓘ

9.03% / 800% (8 CPUs available)

Container memory usage ⓘ

1.33GB / 3.65GB

Show charts

Search

Only show running containers

Terminal

user? 1

users 24

users,wheel". 21

uses 2

using 1

v2 1

valid. 1

value 30

value, 2

values 2

version="1.0" 5

version="1.0"?> 3

via 1

well 1

when 3

which 10

while 1

who 3

will 12

with 28

work 1

writing, 9

you 10

zero 2

root@b788d17a3f26: /#

Windo...

Engine running

RAM 2.64 GB CPU 0.25%

BETA >_ Terminal

New version available