

```
root@07c2f64b580a:/# cd $HADOOP_HOME/etc/hadoop
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# nano core-site.xml
bash: nano: command not found
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# cat core-site.xml
<?xml version="1.0" encoding="UTF-8"?>
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>
<!--
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  you may not use this file except in compliance with the License.
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  distributed under the License is distributed on an "AS IS" BASIS,
  WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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  limitations under the License. See accompanying LICENSE file.
-->

<!-- Put site-specific property overrides in this file. -->
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo "<property>
>   <name>fs.defaultFS</name>
>   <value>hdfs://localhost:9000</value>
> </property>" >> core-site.xml
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#  
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# cat hdfs-site.xml  
<?xml version="1.0" encoding="UTF-8"?>  
<?xml-stylesheet type="text/xsl" href="configuration.xsl"?>  
<!--  
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    you may not use this file except in compliance with the License.  
    You may obtain a copy of the License at  
  
        http://www.apache.org/licenses/LICENSE-2.0  
  
    Unless required by applicable law or agreed to in writing, software  
    distributed under the License is distributed on an "AS IS" BASIS,  
    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
    See the License for the specific language governing permissions and  
    limitations under the License. See accompanying LICENSE file.  
-->
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#  
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo "<property>  
>   <name>dfs.replication</name>  
>   <value>2</value>  
> </property>  
> <property>  
>   <name>dfs.blocksize</name>  
>   <value>134217728</value> <!-- 128 MB -->  
bash: !-: event not found  
> </property>" >> hdfs-site.xml  
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# jps  
707 ResourceManager  
533 NodeManager  
1910 Jps  
393 DataNode  
239 NameNode  
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo "export HADOOP_HOME=/opt/hadoop-3.2.1" >> ~/.bashrc
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo "export PATH=\$PATH:\$HADOOP_HOME/bin:\$HADOOP_HOME/sbin" >> ~/.bashrc
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo "export HADOOP_HOME=/opt/hadoop-3.2.1" >> ~/.bashrc
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo "export PATH=\$PATH:\$HADOOP_HOME/bin:\$HADOOP_HOME/sbin" >> ~/.bashrc
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# source ~/.bashrc
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# echo $PATH
/opt/hadoop-3.2.1/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/opt/hadoop-3.2.1/bin:/opt/hadoop-3.2.1/sbin
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# hadoop-daemon.sh stop namenode
WARNING: Use of this script to stop HDFS daemons is deprecated.
WARNING: Attempting to execute replacement "hdfs --daemon stop" instead.
2024-11-18 09:07:35,787 ERROR namenode.NameNode: RECEIVED SIGNAL 15: SIGTERM
2024-11-18 09:07:36,046 INFO namenode.NameNode: SHUTDOWN_MSG:
/*****
```

```
root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# hadoop-daemon.sh stop datanode
WARNING: Use of this script to stop HDFS daemons is deprecated.
WARNING: Attempting to execute replacement "hdfs --daemon stop" instead.
2024-11-18 09:07:37,051 ERROR datanode.DataNode: RECEIVED SIGNAL 15: SIGTERM
2024-11-18 09:07:37,060 INFO datanode.DataNode: SHUTDOWN_MSG:
/*****
SHUTDOWN_MSG: Shutting down DataNode at 07c2f64b580a/172.17.0.2
*****/
```

```
y state
2024-11-18 09:07:38,553 INFO resourcemanager.ResourceManager: SHUTDOWN_MSG:
/*****
SHUTDOWN_MSG: Shutting down ResourceManager at 07c2f64b580a/172.17.0.2
*****/
2024-11-18 09:07:38,575 ERROR conf.Configuration: error parsing conf core-site.xml
com.ctc.wstx.exc.WstxParsingException: Illegal to have multiple roots (start tag in
epilog?).
at [row,col,system-id]: [22,2,"file:/opt/hadoop-3.2.1/etc/hadoop/core-site.xml"]
at com.ctc.wstx.sr.StreamScanner.constructWfcException(StreamScanner.java:62
```

(and now: /opt/hadoop-3.2.1/etc/hadoop)

root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# hadoop-daemon.sh start namenode

WARNING: Use of this script to start HDFS daemons is deprecated.

WARNING: Attempting to execute replacement "hdfs --daemon start" instead.

root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# hadoop-daemon.sh start datanode

WARNING: Use of this script to start HDFS daemons is deprecated.

WARNING: Attempting to execute replacement "hdfs --daemon start" instead.

ERROR: Cannot set priority of datanode process 2520

root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# yarn-daemon.sh start resourcemanager

WARNING: Use of this script to start YARN daemons is deprecated.

WARNING: Attempting to execute replacement "yarn --daemon start" instead.

root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# yarn-daemon.sh start nodemanager

WARNING: Use of this script to start YARN daemons is deprecated.

WARNING: Attempting to execute replacement "yarn --daemon start" instead.

root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop#



2024-11-18 10:56:27,379 INFO mapred.Task: Final Counters for attempt_local1430197592_0001_m_000000_0: Counters: 24

File System Counters

FILE: Number of bytes read=317864
FILE: Number of bytes written=848358
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

HDFS: Number of bytes written=0
HDFS: Number of read operations=7
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=220
Map output records=832
Map output bytes=10690
Map output materialized bytes=6333
Input split bytes=130
Combine input records=832
Combine output records=356
Spilled Records=356
Failed Shuffles=0
Merged Map outputs=0
GC time elapsed (ms)=0
Total committed heap usage (bytes)=391118848

File Input Format Counters

Bytes Read=8260

2024-11-18 10:56:27,468 INFO mapred.LocalJobRunner: Finishing task: attempt_local1430197592_0001_m_000001_0

File System Counters

FILE: Number of bytes read=3264130
FILE: Number of bytes written=8618331
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=243235
HDFS: Number of bytes written=10327
HDFS: Number of read operations=143
HDFS: Number of large read operations=0
HDFS: Number of write operations=12
HDFS: Number of bytes read erasure-coded=0

Map-Reduce Framework

Map input records=751
Map output records=3063
Map output bytes=38519
Map output materialized bytes=21327
Input split bytes=1104
Combine input records=3063
Combine output records=1223
Reduce input groups=588
Reduce shuffle bytes=21327

Reduce input groups=588
Reduce shuffle bytes=21327
Reduce input records=1223
Reduce output records=588
Spilled Records=2446
Shuffled Maps =9
Failed Shuffles=0
Merged Map outputs=9
GC time elapsed (ms)=9
Total committed heap usage (bytes)=7580155904

Shuffle Errors

BAD_ID=0
CONNECTION=0
IO_ERROR=0
WRONG_LENGTH=0
WRONG_MAP=0
WRONG_REDUCE=0

File Input Format Counters

Bytes Read=28589

File Output Format Counters

Bytes Written=10327

@07c2f64b580a:/#

root@07c2f64b580a:/opt/hadoop-3.2.1/etc/hadoop# stop-all.sh

bash: stop-all.sh: command not found