

hbase2.0 双master起不来 问题排查

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21. org.apache.hadoop.hdfs.server.namenode.FSNamesystem.addBlock(java.io.
线上10:08:13.3180 ERROR DFSClient
Failed to close file: /hbase/.tmp/hbase-hbck.lock with inode: 45807902
org.apache.hadoop.ipc.RemoteException(java.io.IOException): File /hbase/.tmp/hbase-hbck.lock could only be written to 0 of the 1 minReplication nodes.
There are 38 datanode(s) running and no node(s) are excluded in this operation.
    at org.apache.hadoop.hdfs.server.blockmanagement.BlockManager.chooseTarget4NewBlock(BlockManager.java:2183)
    at org.apache.hadoop.hdfs.server.namenode.FSDirWriteFileOp.chooseTargetForNewBlock(FSDirWriteFileOp.java:287)
    at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.getAdditionalBlock(FSNamesystem.java:2702)
    at org.apache.hadoop.hdfs.server.namenode.NameNodeRpcServer.addBlock(NameNodeRpcServer.java:865)
    at org.apache.hadoop.hdfs.protocolPB.ClientNamenodeProtocolServerSideTranslatorPB.addBlock(ClientNamenodeProtocolServerSideTranslatorPB.java:159)
    at org.apache.hadoop.hdfs.protocol.proto.ClientNamenodeProtocolProtos$ClientNamenodeProtocol$2.callBlockingMethod(ClientNamenodeProtocolProtos.java)
    at org.apache.hadoop.ipc.ProtobufRpcEngine$Server$ProtoBufRpcInvoker.call(ProtobufRpcEngine.java:523)
    at org.apache.hadoop.ipc.Server$RPC$Server.call(RPC.java:991)
    at org.apache.hadoop.ipc.Server$RPC$Server.run(Server.java:869)
    at org.apache.hadoop.ipc.Server$RPC$Server.run(Server.java:815)
    at java.security.AccessController.doPrivileged(Native Method)
    at javax.security.auth.Subject.doAs(Subject.java:422)
    at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1726)
    at org.apache.hadoop.ipc.Server$Handler.run(Server.java:2675)
    at org.apache.hadoop.ipc.Client.getResponse(Client.java:1491)
    at org.apache.hadoop.ipc.Client.call(Client.java:1437)
    at org.apache.hadoop.ipc.Client.call(Client.java:1393)
    at org.apache.hadoop.ipc.ProtobufRpcEngine$Invoker.invoke(ProtobufRpcEngine.java:228)
    at org.apache.hadoop.ipc.ProtobufRpcEngine$Invoker.invoke(ProtobufRpcEngine.java:116)
    at com.sun.proxy.$Proxy21.addBlock(Unknown Source)
    at org.apache.hadoop.hdfs.protocolPB.ClientNamenodeProtocolTranslatorPB.addBlock(ClientNamenodeProtocolTranslatorPB.java:497)
    at sun.reflect.NativeMethodAccessorImpl.invoke(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at org.apache.hadoop.io.retry.RetryInvocationHandler.invokeMethod(RetryInvocationHandler.java:422)
    at org.apache.hadoop.io.retry.RetryInvocationHandler$Call.invokeMethod(RetryInvocationHandler.java:165)
    at org.apache.hadoop.io.retry.RetryInvocationHandler$Call.invoke(RetryInvocationHandler.java:157)
    .....
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Unable to close the stream
org.apache.hadoop.ipc.RemoteException(
java.io.IOException): File /hbase/MasterProcWALs/pv2-
00000000000000000044.log could only be written to 0 of the 1 minReplication nodes. There are 38 datanode(s)
at org.apache.hadoop.hdfs.server.blockmanagement.BlockManager.chooseTarget4NewBlock(BlockManager.java:2183)
at org.apache.hadoop.hdfs.server.namenode.FSDirWriteFileOp.chooseTargetForNewBlock(FSDirWriteFileOp.java:287)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.getAdditionalBlock(FSNamesystem.java:2702)
at org.apache.hadoop.hdfs.server.namenode.NameNodeRpcServer.addBlock(NameNodeRpcServer.java:865)
at org.apache.hadoop.hdfs.protocolPB.ClientNamenodeProtocolServerSideTranslatorPB.addBlock(ClientNamenodeProtocolServerSideTranslatorPB.java:159)
at org.apache.hadoop.hdfs.protocol.proto.ClientNamenodeProtocolProtos\$ClientNamenodeProtocol\$2.callBlockingMethod(ClientNamenodeProtocolProtos.java:523)
at org.apache.hadoop.ipc.ProtobufRpcEngine\$Server\$ProtoBufRpcInvoker.call(ProtobufRpcEngine.java:523)
at org.apache.hadoop.ipc.RPC\$Server.call(RPC.java:991)
at org.apache.hadoop.ipc.Server\$RPC\$Server.run(Server.java:869)
at org.apache.hadoop.ipc.Server\$RPC\$Server.run(Server.java:815)
at java.security.AccessController.doPrivileged(Native Method)
at javax.security.auth.Subject.doAs(Subject.java:422)
at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1726)
at org.apache.hadoop.ipc.Server\$Handler.run(Server.java:2675)

我做了如下操作：

/hbase/WALs

/hbase/MasterProcWALs

这两个路径的文件备份后 删除了 重启 还是失败

登录zookeeper，删除/hbase节点。

重启集群 还是失败

删了其中一个hbase master 服务 重新添加 还是失败

hbase hbck -fixHFileLinks

hbase hbck -fixVersionFile

hbase hbck -fixReferenceFiles 表是修复了 但是没有数据

<http://blog.itpub.net/133735/viewspace-2645305/>

<http://ddrv.cn/a/257820>

我按这两个文档操作过

重启过整个集群

没有解决这个问题

最终的解决是：暴力解决

删掉hbase所有组件 重新hbase组件 只添加 一个master 重启整个集群，然后添加另外一个master

再重新导数据。 集群恢复。