

1.Datanode denied communication with namenode because hostname cannot be resolved(nameNode找不到dateNode)

1.Datanode denied communication with namenode because hostname cannot be resolved(nameNode找不到dateNode)

大意是nameNode找不到dateNode,

原因：暂未知

其表现：

1. 在web界面中看得活着节点是0，进程都很正常，

192.168.2.101:50070/dfshealth.html#tab-overview

Summary	
Security is off.	
Safemode is off.	
136 files and directories, 1 blocks = 137 total filesystem object(s).	
Heap Memory used 33.95 MB of 60.04 MB Heap Memory. Max Heap Memory is 966.69 MB.	
Non Heap Memory used 52.9 MB of 53.94 MB Committed Non Heap Memory. Max Non Heap Memory is -1 B.	
Configured Capacity:	35.39 GB
DFS Used:	40 KB (0%)
Non DFS Used:	15.73 GB
DFS Remaining:	19.66 GB (55.56%)
Block Pool Used:	40 KB (0%)
DataNodes usages% (Min/Median/Max/stdDev):	0.00% / 0.00% / 0.00% / 0.00%
Live Nodes	2 (Decommissioned: 0)
Dead Nodes	0 (Decommissioned: 0)
Decommissioning Nodes	0
Total Datanode Volume Failures	0 (0 B)
Number of Under-Replicated Blocks	1
Number of Blocks Pending Deletion	0
Block Deletion Start Time	2020年3月8日 17:07:24

2. 日志中能看得报错，具体错误日志在

less /usr/software/hadoop-2.7.3/logs/hadoop-xkj-datanode-slave1.log

3. 当上传文件时会报错，(大意是，无法复制内容到dataNode上)

解决：

1. 先停止hdfs
2. 先检查 /etc/hosts 和 /etc/hostname 两个文件的配置(每个服务器都改),改后需要重启服务器 (参考搭建教程)
3. 删除 dfs.namenode.name.dir 和 dfs.datanode.data.dir 目录的文件
4. 重新格式化NameNode, 重新启动NameNode

hadoop namenode -format // 该命令已废弃,建议用 hdfs代替,但是还没试在启动即可

<https://blog.csdn.net/JavaDestiny/article/details/87294090>