Archival Storage, SSD & Memory

Archival存储为高密度低成本的存储实体，用于存放冷数据

配置：

*<property>*

*<name>dfs.datanode.data.dir</name>*

*<value>/hadoop/hdfs/data,[ARCHIVE]file:///hadoop/hdfs/archive</value>*

*<final>true</final>*

*</property>*

重启Hadoop

设置数据目录为Archive存储的命令：

*hdfs storagepolicies -setStoragePolicy -path /archive -policy cold*

查询

*hdfs storagepolicies -getStoragePolicy -path /archive*

通过mover工具将policy移动到对应的存储中

*hdfs mover -p /archive*

查看block信息

*hdfs fsck /archive/helloarchive -files -blocks -locations*

*FSCK started by hdfs (auth:SIMPLE) from /10.139.4.83 for path /archive/helloarchive at Mon Jul 23 15:36:49 CST 2018*

*/archive/helloarchive 14 bytes, 1 block(s): OK*

*0. BP-1441618909-10.139.4.82-1528184175936:blk\_1073743135\_2311 len=14 Live\_repl=3 [DatanodeInfoWithStorage[10.139.4.94:50010,DS-fb12ac18-6ff5-4206-a716-9449308fa50c,ARCHIVE], DatanodeInfoWithStorage[10.139.4.82:50010,DS-3155f623-1aa3-47e5-846e-c508a0cdb525,ARCHIVE], DatanodeInfoWithStorage[10.139.4.83:50010,DS-c829890c-48e6-43d3-9d6e-7db290880777,ARCHIVE]]*

http://223.105.0.132:8090/pages/viewpage.action?pageId=29164844