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| Sample Monitoring Scripts |
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# Sample Monitoring Scripts

This is a simple bash script to extract information from "bin/hadoop dfsadmin -report" &

"bin/hadoop fsck / -blocks -files" and it displays

* How many datanodes are running
* When did they last contact namenode
* Are there any blocks under replicated
* Are there any blocks over replicated
* How many blocks should be replicated

#!/bin/bash

bin/hadoop dfsadmin -metasave abc1.txt

echo "============================="

echo "monitoring started"

date

sudo rm -rf dfsstat.txt

bin/hadoop dfsadmin -report > dfsstat.txt

cat dfsstat.txt | grep 'Datanodes available' --color

cat dfsstat.txt | grep 'Name:' --color

cat dfsstat.txt | grep 'Last contact' --color

sudo rm -rf dfsstat1.txt

date

bin/hadoop dfsadmin -report > dfsstat1.txt

cat dfsstat1.txt | grep 'Datanodes available' --color

cat dfsstat1.txt | grep 'Name:' --color

cat dfsstat1.txt | grep 'Last contact' --color

echo "########@@##########"

sudo rm -rf fsckstat.txt

bin/hadoop fsck / -blocks > fsckstat.txt

cat fsckstat.txt | grep 'Under-replicated blocks' --color

cat fsckstat.txt | grep 'Over-replicated blocks' --color

cat fsckstat.txt | grep 'Minimally replicated blocks' --color

echo "monitoring ends"