Module 4–Backup, Recovery and Maintenance

Hands On Guide

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Commissioning and Decommissioning of DataNodes

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1. Commission and Decommission of DataNode

a. Add/Remove a Datanode

Decommission a host gracefully

```
<property>
        <name>dfs.hosts.exclude</name>
        <value>/home/hadoop/excludes</value>
```

```
        <final>true</final>
</property>
```

Similarly for Jobtracker.

```
<property>
        <name>mapred.hosts.exclude</name>
        <value>/home/hadoop/excludes</value>
        <final>true</final>
</property>
```

mapred.hosts.exclude in mapred-site.xml

Add the FQDN to the exclude file and refresh

b. Update for the Namenode

hadoop dfsadmin –refreshNodes

c. Update for Jobtracker

Add Hosts:

1. dfs.hosts in the hdfs-site.xml, mapred.hosts

d. Cluster Balancing

hadoop balancer -threshold 40

e. Add Disk Space to a datanode

```
How do you add storage to cluster
<property>
        <name>dfs.hosts</name>
        <value>/home/hadoop/include</value>
        <final>true</final>
</property>
```