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Kelompok 3

Laporan Kuis 1 - Big Data

1. ip addr

```
hadoopuser@hadoop-namenode:~$ ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:fb:7a:fa brd ff:ff:ff:ff:ff:ff
    inet 172.20.10.5/28 metric 100 brd 172.20.10.15 scope global dynamic enp0s3
        valid_lft 1944sec preferred_lft 1944sec
    inet6 2400:9800:701:3aaa:a00:27ff:fe7b:7afa/64 scope global mngtmpaddr noprefixroute
        valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fe7b:7afa/64 scope link
        valid_lft forever preferred_lft forever
3: ztnfacwriu: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 2800 qdisc fq_codel state UNKNOWN group default qlen 1000
    link/ether 1e:4d:89:48:00:b1 brd ff:ff:ff:ff:ff:ff
    inet 172.29.247.62/16 brd 172.29.255.255 scope global ztnfacwriu
        valid_lft forever preferred_lft forever
    inet6 fe80::1c4d:89ff:fe48:b1/64 scope link
        valid_lft forever preferred_lft forever
hadoopuser@hadoop-namenode:~$
```

2. hosts

```
GNU nano 7.2 /etc/hosts
127.0.0.1 localhost

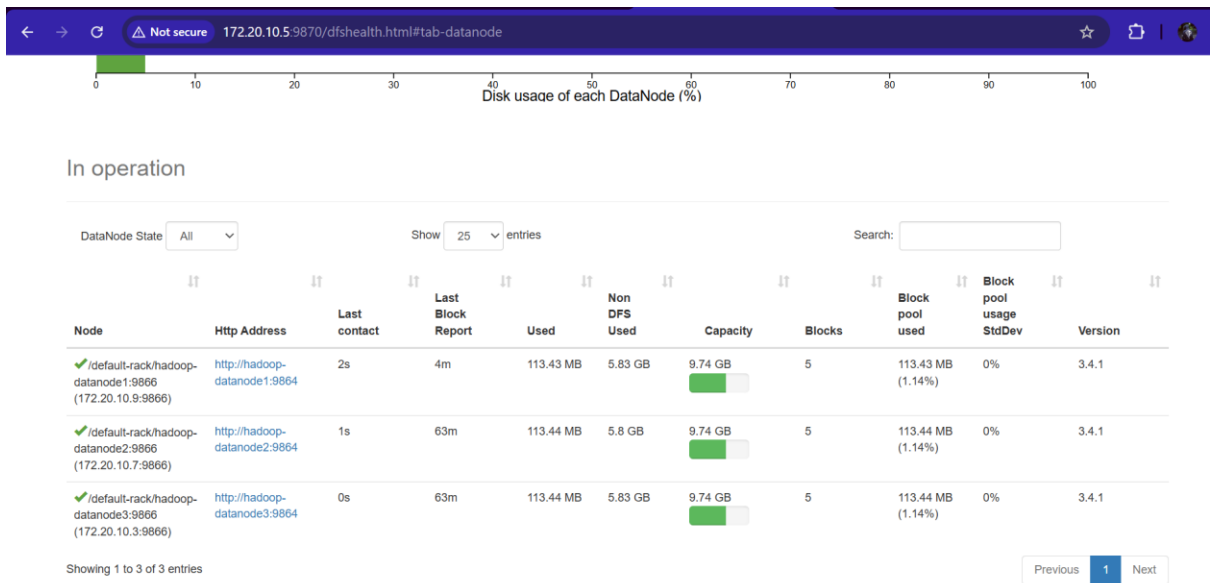
# The following lines are desirable for IPv6 capable hosts
::1 ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters

# Hadoop cluster nodes
172.20.10.5 hadoop-namenode
172.20.10.9 hadoop-datanode1
172.20.10.7 hadoop-datanode2
172.20.10.3 hadoop-datanode3
```

3. start-dfs.sh, start-yarn.sh, jps

```
hadoopuser@hadoop-namenode:~$ start-dfs.sh
Starting namenodes on [hadoop-namenode]
hadoop-namenode: namenode is running as process 1117. Stop it first and ensure /tmp/hadoop-hadoopuser-namenode.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-namenode: ssh exited with exit code 1
Starting datanodes
hadoop-datanode3: datanode is running as process 1400. Stop it first and ensure /tmp/hadoop-hadoopuser-datanode.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-datanode3: ssh exited with exit code 1
hadoop-datanode2: datanode is running as process 3905. Stop it first and ensure /tmp/hadoop-hadoopuser-datanode.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-datanode2: ssh exited with exit code 1
hadoop-datanode1: datanode is running as process 1031. Stop it first and ensure /tmp/hadoop-hadoopuser-datanode.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-datanode1: ssh exited with exit code 1
Starting secondary namenodes [hadoop-namenode]
hadoop-namenode: secondarynamenode is running as process 1324. Stop it first and ensure /tmp/hadoop-hadoopuser-secondarynamenode.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-namenode: ssh exited with exit code 1
hadoopuser@hadoop-namenode:~$ start-yarn.sh
Starting resourcemanager
resourcemanager is running as process 1524. Stop it first and ensure /tmp/hadoop-hadoopuser-resourcemanager.pid file is empty before retry.
Starting nodemanagers
hadoop-datanode3: nodemanager is running as process 1813. Stop it first and ensure /tmp/hadoop-hadoopuser-nodemanager.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-datanode3: ssh exited with exit code 1
hadoop-datanode1: nodemanager is running as process 1553. Stop it first and ensure /tmp/hadoop-hadoopuser-nodemanager.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-datanode1: ssh exited with exit code 1
hadoop-datanode2: nodemanager is running as process 5206. Stop it first and ensure /tmp/hadoop-hadoopuser-nodemanager.pid file is empty before retry.
pdsh@hadoop-namenode: hadoop-datanode2: ssh exited with exit code 1
hadoopuser@hadoop-namenode:~$ jps
6688 Jps
1524 ResourceManager
1324 SecondaryNameNode
1117 NameNode
hadoopuser@hadoop-namenode:~$
```

4. Cek Datanode



5. Direktori berhasil dibuat

← → ↻ ⚠ Not secure 172.20.10.5:9870/explorer.html#/user/hadoopuser ☆ 🗑 🌐

Hadoop Overview Datanodes Datanode Volume Failures Snapshot Startup Progress Utilities ▾

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Show: 25 ▾ entries Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	<input type="checkbox"/>
<input type="checkbox"/>	drwxr-xr-x	hadoopuser	supergroup	0 B	Mar 20 13:25	0	0 B	06_AngeliaAnnaPutriRazali	<input type="checkbox"/>
<input type="checkbox"/>	drwxr-xr-x	hadoopuser	supergroup	0 B	Mar 20 13:24	0	0 B	07_DimasRosyidin	<input type="checkbox"/>
<input type="checkbox"/>	drwxr-xr-x	hadoopuser	supergroup	0 B	Mar 20 13:24	0	0 B	13_MuhammadYdvanYodaBellamy	<input type="checkbox"/>
<input type="checkbox"/>	drwxr-xr-x	hadoopuser	supergroup	0 B	Mar 20 13:43	0	0 B	14_MuhammadKhasbulHadiFauzan	<input type="checkbox"/>
<input type="checkbox"/>	drwxr-xr-x	hadoopuser	supergroup	0 B	Mar 20 13:23	0	0 B	16_RegaDaneWijayanta	<input type="checkbox"/>

Showing 1 to 5 of 5 entries

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Hadoop, 2024.

6. File terupload

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Show: 25 ▾ entries Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	<input type="checkbox"/>
<input type="checkbox"/>	-rw-r--r--	hadoopuser	supergroup	57 B	Mar 20 13:23	3	128 MB	Dane.txt	<input type="checkbox"/>

Showing 1 to 1 of 1 entries





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/user/hadoopuser/06_AngeliaAnnaPutriRazali

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







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Search:

<input type="checkbox"/>		Permission		Owner		Group		Size		Last Modified		Replication		Block Size		Name	
<input type="checkbox"/>		-rw-r--r--		hadoopuser		supergroup		63 B		Mar 20 13:25		3		128 MB		Angelia.txt	

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/user/hadoopuser/07_DimasRosyidin

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Search:

<input type="checkbox"/>		Permission		Owner		Group		Size		Last Modified		Replication		Block Size		Name	
<input type="checkbox"/>		-rw-r--r--		hadoopuser		supergroup		52 B		Mar 20 13:24		3		128 MB		Dimas.txt	

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/user/hadoopuser/13_MuhammadYdvanYodaBellamy

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Search:

<input type="checkbox"/>		Permission		Owner		Group		Size		Last Modified		Replication		Block Size		Name	
<input type="checkbox"/>		-rw-r--r--		hadoopuser		supergroup		65 B		Mar 20 13:24		3		128 MB		Ydvan.txt	

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/user/hadoopuser/14_MuhammadKhasbulHadiFauzan

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Mar 20 13:43

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