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Kelas : SIB 3E

No : 07

Kelompok 3

## Laporan Kuis 1 - Big Data

### 1. ip addr

```
hadoopuser@hadoop-datanode3:~$ 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:a6:58:94 brd ff:ff:ff:ff:ff:ff
    inet 172.20.10.3/28 metric 100 brd 172.20.10.15 scope global dynamic enp0s3
        valid_lft 2607sec preferred_lft 2607sec
    inet6 2400:9800:701:3aea:a00:27ff:fea6:5894/64 scope global mngtmpaddr noprefixroute
        valid_lft forever preferred_lft forever
    inet6 fe80::a00:27ff:fea6:5894/64 scope link
        valid_lft forever preferred_lft forever
hadoopuser@hadoop-datanode3:~$
```

### 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

[ Read 14 lines ]
Help Write Out Where Is Cut Execute Location M-U Undo M-A Set Mark M-J To Bracket M-Q Previous
Exit Read File Replace Paste Justify Go To Line M-E Redo M-C Copy M-W Where Was M-N Next
```

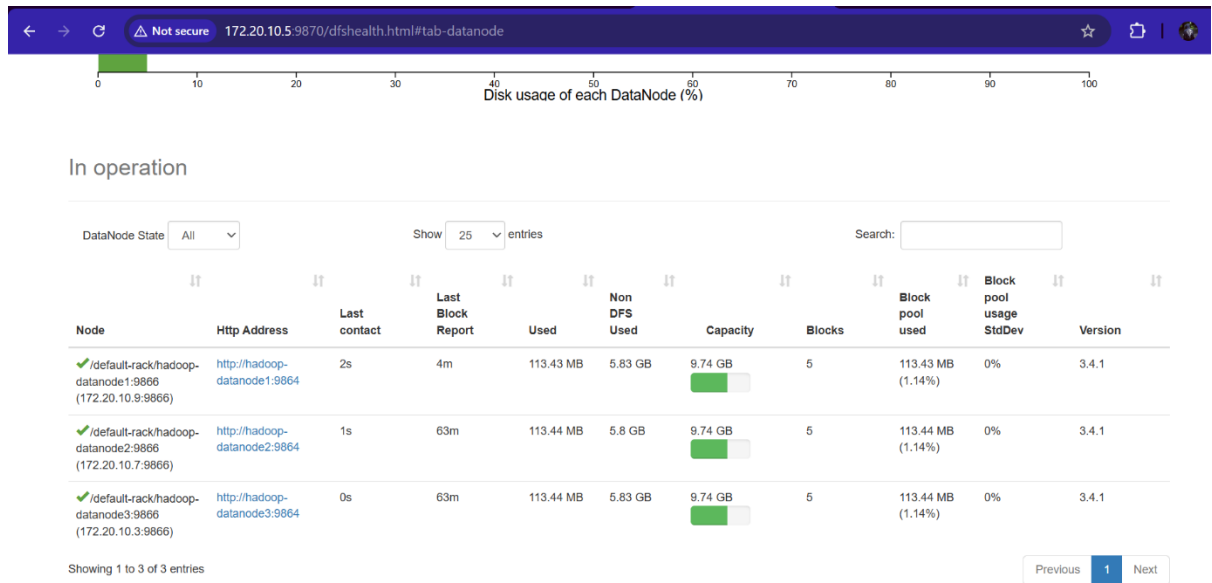
### 3. start-dfs.sh, start-yarn.sh, jps

```

hadoopuser@hadoop-datanode3:~$ start-dfs.sh
Starting namenodes on [hadoop-namenode]
hadoop-namenode: hadoopuser@hadoop-namenode: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-namenode: ssh exited with exit code 255
Starting datanodes
hadoop-datanode3: Warning: Permanently added 'hadoop-datanode3' (E025519) to the list of known hosts.
hadoop-datanode3: hadoopuser@hadoop-datanode3: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode3: ssh exited with exit code 255
hadoop-datanode2: Warning: Permanently added 'hadoop-datanode2' (E025519) to the list of known hosts.
hadoop-datanode2: hadoopuser@hadoop-datanode2: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode2: ssh exited with exit code 255
hadoop-datanode1: hadoopuser@hadoop-datanode1: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode1: ssh exited with exit code 255
Starting secondary namenodes [hadoop-datanode3]
hadoop-datanode3: hadoopuser@hadoop-datanode3: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode3: ssh exited with exit code 255
hadoopuser@hadoop-datanode3:~$ start-yarn.sh
Starting resourcemanager
Starting nodemanagers
hadoop-datanode3: hadoopuser@hadoop-datanode3: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode3: ssh exited with exit code 255
hadoop-datanode1: hadoopuser@hadoop-datanode1: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode1: ssh exited with exit code 255
hadoop-datanode2: hadoopuser@hadoop-datanode2: Permission denied (publickey,password).
pdsh@hadoop-datanode3: hadoop-datanode2: ssh exited with exit code 255
hadoopuser@hadoop-datanode3:~$

```

#### 4. Cek Datanode



#### 5. Direktori berhasil dibuat

←→↻⚠ Not secure172.20.10.5:9870/explorer.html#/user/hadoopuser

HadoopOverviewDatanodesDatanode Volume FailuresSnapshotStartup ProgressUtilities

# Browse Directory

Go!

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Show25entries

Search:

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

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6. File terupload

←→↻⚠ Not secure172.20.10.5:9870/explorer.html#/user/hadoopuser/16\_RegaDaneWijayanta

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Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
<input type="checkbox"/>	-rwxr-xr-x	<a href="#">hadoopuser</a>	<a href="#">supergroup</a>	57 B	Mar 20 13:23	3	128 MB	<a href="#">Dane.txt</a>	🗑

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Search:

<input type="checkbox"/>	Permission	Owner	Group	Size	Last Modified	Replication	Block Size	Name	
<input type="checkbox"/>	-rwxr-xr-x	<a href="#">hadoopuser</a>	<a href="#">supergroup</a>	63 B	Mar 20 13:25	3	128 MB	<a href="#">Angelia.txt</a>	🗑

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## Browse Directory

/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--	<a href="#">hadoopuser</a>	<a href="#">supergroup</a>	52 B	Mar 20 13:24	3	128 MB	<a href="#">Dimas.txt</a>	🗑

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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--	<a href="#">hadoopuser</a>	<a href="#">supergroup</a>	65 B	Mar 20 13:24	3	128 MB	<a href="#">Ydvan.txt</a>	🗑

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