## LAPORAN BIG DATA JOBSHEET 1

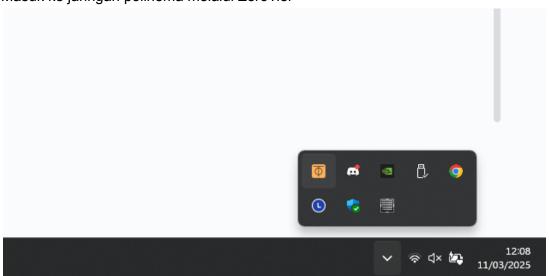


Disusun Oleh:

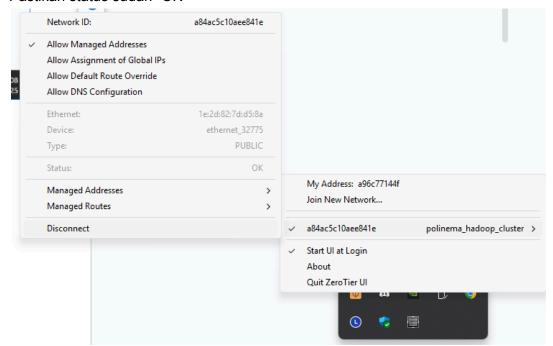
Zanuar Aldi Syahputra 2241760062 SIB-3E

## JURUSAN TEKNOLOGI INFORMASI PROGRAM STUDI D-IV SISTEM INFORMASI BISNIS POLITEKNIK NEGERI MALANG 2025

• Masuk ke jaringan polinema melalui ZeroTier



Pastikan status sudah "OK"



Coba masuk ke dalam hadoop dengan perintah "ssh hadoopuser@172.29.247.62"

```
PS C:\Users\ALDI> ssh hadoopuser@172.29.247.62
The authenticity of host '172.29.247.62 (172.29.247.62)' can't be established.
ED25519 key fingerprint is SHA256:BjHVtsH6B+jEGxXCmJXyg4N7pbcsIvsSS+Eih0qkH0E.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.29.247.62' (ED25519) to the list of known hosts.
hadoopuser@172.29.247.62's password:
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-54-generic x86_64)
 * Documentation: https://help.ubuntu.com
 * Management:
                   https://landscape.canonical.com
                   https://ubuntu.com/pro
 * Support:
 System information as of Tue Mar 11 04:38:58 AM UTC 2025
  System load: 0.38
                                  Processes:
                                                           154
  Usage of /: 76.0% of 9.74GB
                                  Users logged in:
                                  IPv4 address for enp0s3: 192.168.2.203
  Memory usage: 47%
  Swap usage:
                0%
Expanded Security Maintenance for Applications is not enabled.
26 updates can be applied immediately.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
*** System restart required ***
Last login: Tue Mar 11 04:39:11 2025 from 172.29.195.85
```

Cek status dari NameNode

```
hadoopuser@hadoop-namenode:~$ jps
1699 SecondaryNameNode
37811 Jps
1878 ResourceManager
1455 NameNode
```

Cek versi hadoop

```
hadoopuser@hadoop-namenode:~$ hadoop version
Hadoop 3.4.1
Source code repository https://github.com/apache/hadoop.git -r 4d7825309348956336b8f06a08322b78422849b1
Compiled by mthakur on 2024-10-09714:57Z
Compiled on platform linux-x86_64
Compiled with protoc 3.23.4
From source with checksum 7292fe9dba5e2e44e3a9f763fce3e680
This command was run using /usr/local/hadoop/share/hadoop/common/hadoop-common-3.4.1.jar
```

Buat direktori baru pada hadoop dengan nama sendiri

```
hadoopuser@hadoop-namenode:~$ hadoop fs -mkdir /SIB-3E/19_ZanuarAldiSyahputra
hadoopuser@hadoop-namenode:~$ hadoop fs -ls /SIB-3E

Found 1 items
drwxr-xr-x - hadoopuser supergroup 0 2025-03-11 04:46 /SIB-3E/19_ZanuarAldiSyahputra
```