

**LAPORAN
BIG DATA
KUIS 1**



Disusun Oleh :

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

- Membuat direktori untuk user

```
hadoopuser@hadoop-namenode:~$ hdfs dfs -mkdir -p /user/hadoopuser/19_ZanuarAldiSyahputra
hadoopuser@hadoop-namenode:~$ ls
```

- Melakukan pengiriman file dari windows ke VirtualBox

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\ALDI> cd "D:\\"
PS D:\> ls

Directory: D:\

Mode                LastWriteTime         Length Name
----                -
d-----        2/24/2025   12:53 PM             KULIAH
d-----        3/12/2025    9:26 PM             Lainnya
d-----        1/3/2025   11:02 AM             SaveHere
d-----        2/20/2025   12:14 PM             SteamLibrary
-a-----        3/18/2025   10:28 PM      4150460053 hadoop-namenode.7z
-a-----        3/20/2025   12:29 PM           49 ZanuarAldiSyahputra.txt

PS D:\> scp D:\ZanuarAldiSyahputra.txt hadoopuser@192.168.164.158:~/aldi.txt
The authenticity of host '192.168.164.158 (192.168.164.158)' can't be established.
ED25519 key fingerprint is SHA256:8jHVtsH6B+jEGxXCmJXyg4N7pbcsIvsSS+Eih0qkH0E.
This host key is known by the following other names/addresses:
  C:\Users\ALDI/.ssh/known_hosts:2: 172.29.247.62
Are you sure you want to continue connecting (yes/no/[fingerprint])?
Warning: Permanently added '192.168.164.158' (ED25519) to the list of known hosts.
hadoopuser@192.168.164.158's password:
ZanuarAldiSyahputra.txt                                     100% 49    4.8KB/s   00:00
PS D:\> |
```

- Cek apakah file sudah berhasil dikirim

```
hadoopuser@hadoop-namenode:~$ ls
aldi.txt  myapp.jar  profil-jti-polinema.mp4  snap
```

- Pindah file .txt ke hdfs menggunakan perintah “put”

```
hadoopuser@hadoop-namenode:~$ hdfs dfs -put aldi.txt /user/hadoopuser/19_ZanuarAldiSyahputra/Aldi.txt
hadoopuser@hadoop-namenode:~$ hdfs dfs -ls /user/hadoopuser/19_ZanuarAldiSyahputra/
Found 1 items
-rw-r--r--    3 hadoopuser supergroup          49 2025-03-20 05:39 /user/hadoopuser/19_ZanuarAldiSyahputra/Aldi.txt
hadoopuser@hadoop-namenode:~$
```

- Mencek isi dari file .txt yang diupload

```
hadoopuser@hadoop-namenode:~$ hdfs dfs -cat /user/hadoopuser/19_ZanuarAldiSyahputra/Aldi.txt
Nama : Zanuar Aldi Syahputra
No : 19
Kelompok 1hadoopuser@hadoop-namenode:~$
```