

Kelompok 4 – cloudsore

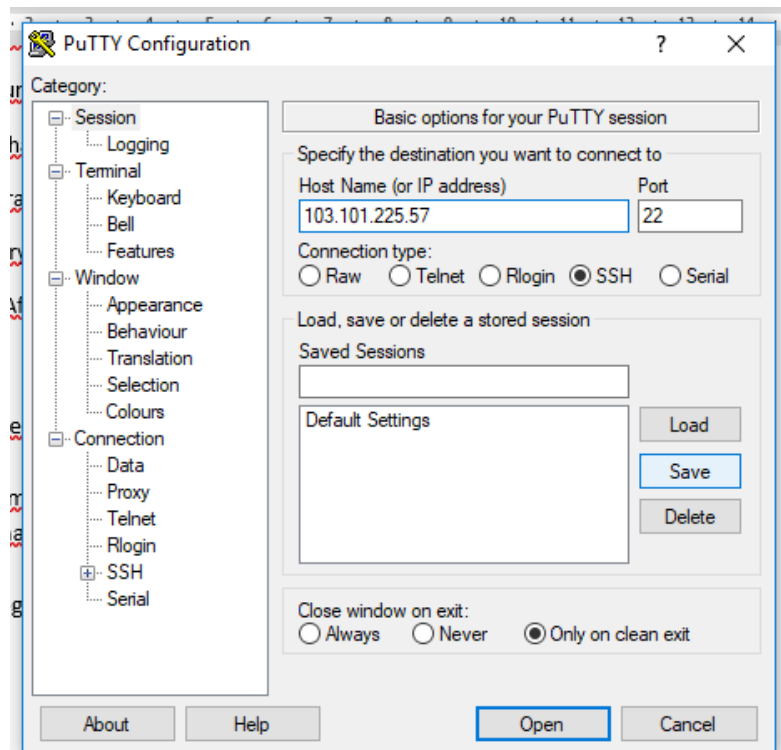
Nama kelompok

1. Ikhwanunni'am Khuzaini
2. Imam Irhamsyah
3. Indah Pradana Kusuma
4. Ivan Satryana
5. Izdihar Afaf

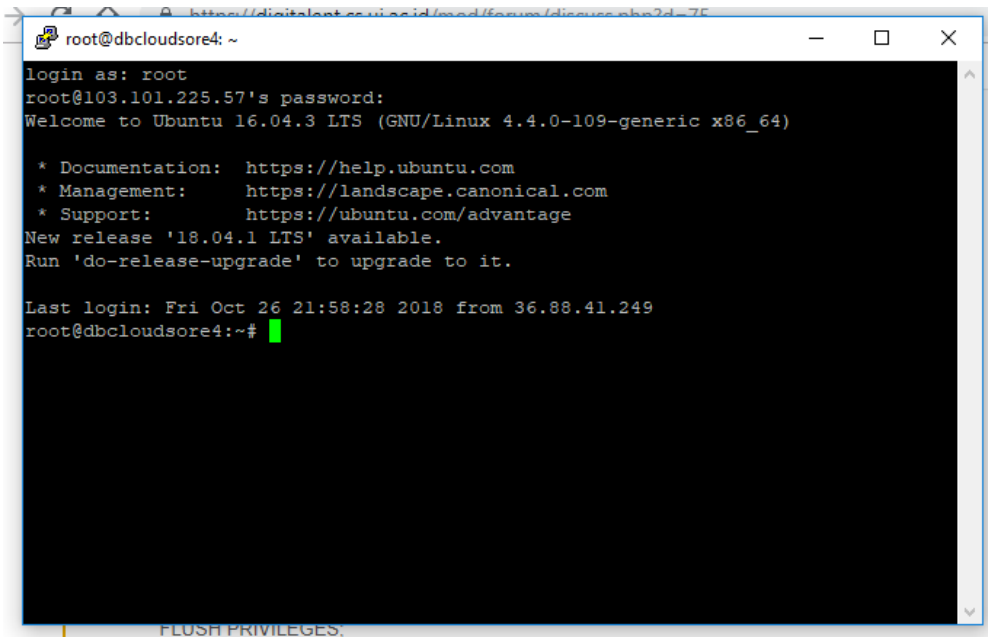
### **Mengakses MySQL pada Komputer lain dimanapun dan kapanpun**

Sebelum memulai pastikan kamu memiliki aplikasi MySQL client yang terinstall pada computer masing-masing

1. Login pada VM putty menggunakan IP server



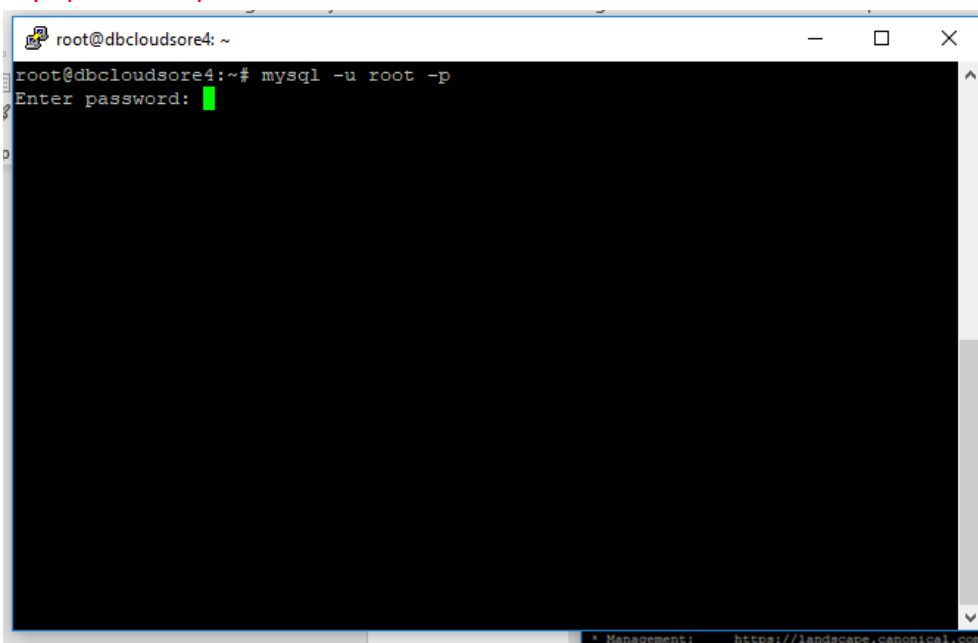
2. Login pada root dengan memasukkan username dan password



```
root@dbcloudsore4: ~  
login as: root  
root@103.101.225.57's password:  
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-109-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
New release '18.04.1 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.  
  
Last login: Fri Oct 26 21:58:28 2018 from 36.88.41.249  
root@dbcloudsore4:~#
```

3. Kemudian login ke my sql server dengan memasukkan perintah

**Mysql -u root -p**



```
root@dbcloudsore4:~# mysql -u root -p  
Enter password:
```

```
root@dbcloudsore4: ~  
login as: root  
root@103.101.225.57's password:  
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-109-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
New release '18.04.1 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.  
  
Last login: Fri Oct 26 21:58:28 2018 from 36.88.41.249  
root@dbcloudsore4:~# mysql -u root -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 61  
Server version: 5.7.24-0ubuntu0.16.04.1 (Ubuntu)  
  
Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

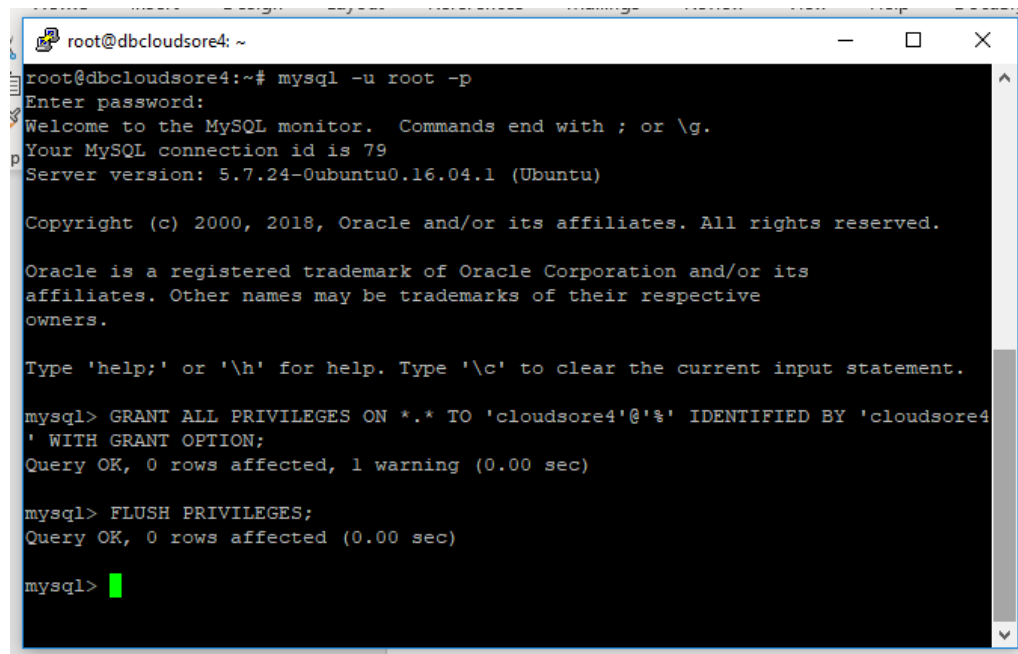
4. Buat user account mysql untuk memberikan dengan hak akses penuh dan bisa diakses dimana saja dengan perintah dibawah ini :

**GRANT ALL PRIVILEGES ON \*.\* TO 'namauser'@'%' IDENTIFIED BY 'passworduser' WITH GRANT OPTION;**

```
root@dbcloudsore4: ~  
root@dbcloudsore4:~# mysql -u root -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 79  
Server version: 5.7.24-0ubuntu0.16.04.1 (Ubuntu)  
  
Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> GRANT ALL PRIVILEGES ON *.* TO 'cloudsore4'@'%' IDENTIFIED BY 'cloudsore4'  
' WITH GRANT OPTION;  
Query OK, 0 rows affected, 1 warning (0.00 sec)  
  
mysql>
```

5. Kemudian refresh privileges menggunakan perintah dibawah ini :

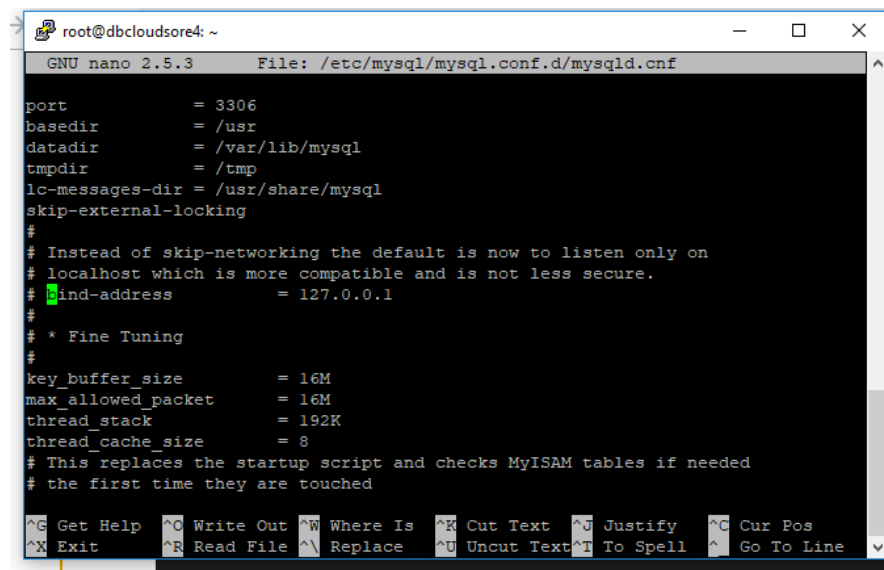
**FLUSH PRIVILEGES;**



```
root@dbcloudsore4: ~  
root@dbcloudsore4:~# mysql -u root -p  
Enter password:  
Welcome to the MySQL monitor.  Commands end with ; or \g.  
Your MySQL connection id is 79  
Server version: 5.7.24-0ubuntu0.16.04.1 (Ubuntu)  
  
Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.  
  
Oracle is a registered trademark of Oracle Corporation and/or its  
affiliates. Other names may be trademarks of their respective  
owners.  
  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
  
mysql> GRANT ALL PRIVILEGES ON *.* TO 'cloudsore4'@'%' IDENTIFIED BY 'cloudsore4'  
' WITH GRANT OPTION;  
Query OK, 0 rows affected, 1 warning (0.00 sec)  
  
mysql> FLUSH PRIVILEGES;  
Query OK, 0 rows affected (0.00 sec)  
  
mysql>
```

6. Kemudian exit dari mysql dan atur file /etc/mysql/mysql.conf.d/mysqld.cnf dan berikan tanda # pada baris bind-address = 127.0.0.1 dengan perintah

**nano /etc/mysql/mysql.conf.d/mysqld.cnf**



```
GNU nano 2.5.3 File: /etc/mysql/mysql.conf.d/mysqld.cnf  
  
port                = 3306  
basedir             = /usr  
datadir             = /var/lib/mysql  
tmpdir              = /tmp  
lc-messages-dir     = /usr/share/mysql  
skip-external-locking  
#  
# Instead of skip-networking the default is now to listen only on  
# localhost which is more compatible and is not less secure.  
# bind-address       = 127.0.0.1  
#  
# * Fine Tuning  
#  
key_buffer_size     = 16M  
max_allowed_packet  = 16M  
thread_stack        = 192K  
thread_cache_size   = 8  
# This replaces the startup script and checks MyISAM tables if needed  
# the first time they are touched  
  
^G Get Help  ^O Write Out ^W Where Is  ^K Cut Text  ^J Justify  ^C Cur Pos  
^X Exit      ^R Read File ^\ Replace   ^U Uncut Text ^T To Spell  ^_ Go To Line
```

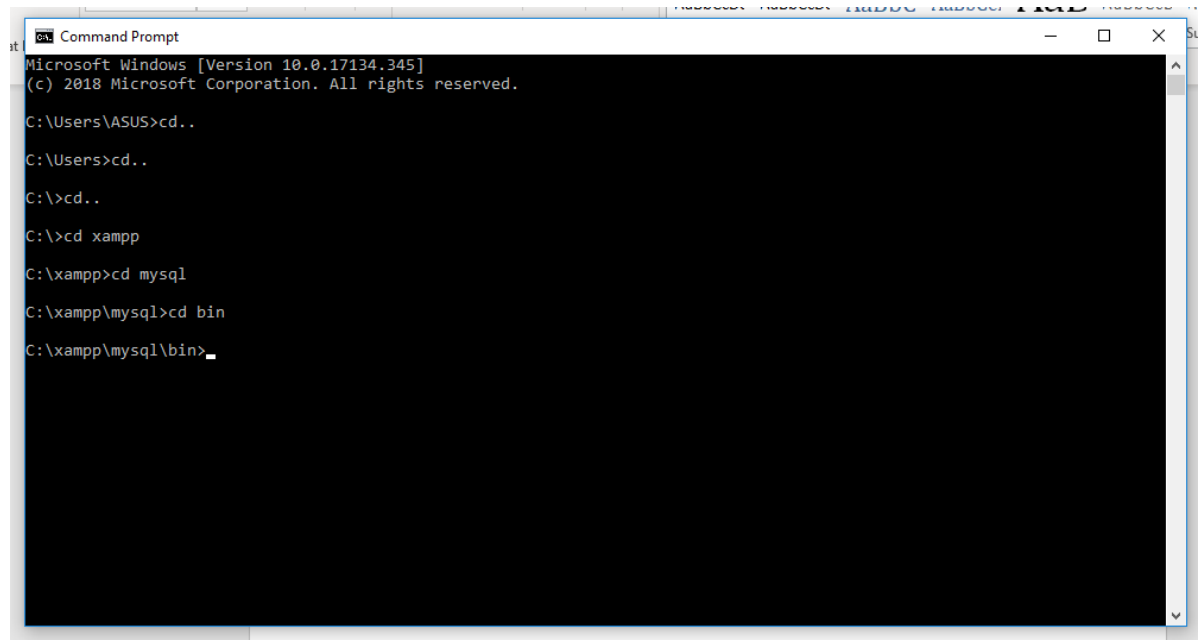
Kemudian keluar dan simpan

7. Kemudian restart mysql dengan perintah dibawah ini :

#### Service mysql restart

```
root@dbcloudsore4:~# nano /etc/mysql/mysql.conf.d/mysql.conf
root@dbcloudsore4:~# nano /etc/mysql/mysql.conf.d/mysql.conf
root@dbcloudsore4:~# service mysql restart
root@dbcloudsore4:~#
```

8. Buka terminal computer yang akan mengakses mysql server dan masuk pada directory mysql



```
Microsoft Windows [Version 10.0.17134.345]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\ASUS>cd..
C:\Users>cd..
C:\>cd..
C:\>cd xampp
C:\xampp>cd mysql
C:\xampp\mysql>cd bin
C:\xampp\mysql\bin>
```

9. Kemudian login pada mysql server dengan IP server yang telah diberikan dengan perintah :

**mysql -h 103.101.225.57 -u cloudsore4 -p**

\*cloudsore4 adalah nama user yang telah memiliki hak akses penuh yang telah buat

```
C:\xampp\mysql\bin>mysql -h 103.101.225.57 -u cloudsore4 -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 5.7.24-0ubuntu0.16.04.1 (Ubuntu)

Copyright (c) 2000, 2017, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> _
```

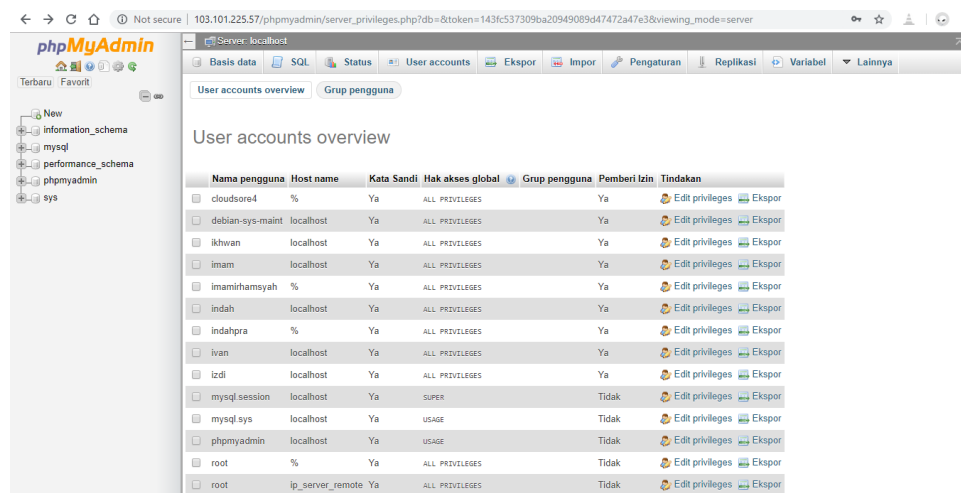
10. Untuk memastikan, cek database yang terdapat pada server dengan memasukkan perintah

**Show databases;**

```
MySQL [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| sys |
+-----+
5 rows in set (0.01 sec)

MySQL [(none)]>
```

Cek database pada mysqlserver pada browser untuk memastikan



The screenshot shows the phpMyAdmin web interface in a browser. The left sidebar displays a tree view of databases: information\_schema, mysql, performance\_schema, phpmyadmin, and sys. The main content area is titled 'User accounts overview' and contains a table listing database users. The table has columns for 'Nama pengguna', 'Host name', 'Kata Sandi', 'Hak akses global', 'Grup pengguna', 'Pemberi izin', and 'Tindakan'. The 'cloudsore4' user is highlighted in the first row.

Nama pengguna	Host name	Kata Sandi	Hak akses global	Grup pengguna	Pemberi izin	Tindakan
cloudsore4	%	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
debian-sys-maint	localhost	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
ikhwan	localhost	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
imam	localhost	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
imamihamsyah	%	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
indah	localhost	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
indahpra	%	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
ivan	localhost	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
izdi	localhost	Ya	ALL PRIVILEGES	Ya	Edit privileges	Ekspor
mysql.session	localhost	Ya	SUPER	Tidak	Edit privileges	Ekspor
mysql.sys	localhost	Ya	USAGE	Tidak	Edit privileges	Ekspor
phpmyadmin	localhost	Ya	USAGE	Tidak	Edit privileges	Ekspor
root	%	Ya	ALL PRIVILEGES	Tidak	Edit privileges	Ekspor
root	ip_server_remote	Ya	ALL PRIVILEGES	Tidak	Edit privileges	Ekspor