

LAPORAN *HANDS-ON* VM JUMAT 26 OKTOBER 2018

OLEH CLOUD SORE KELOMPOK 6

Rachmad Rinaldie

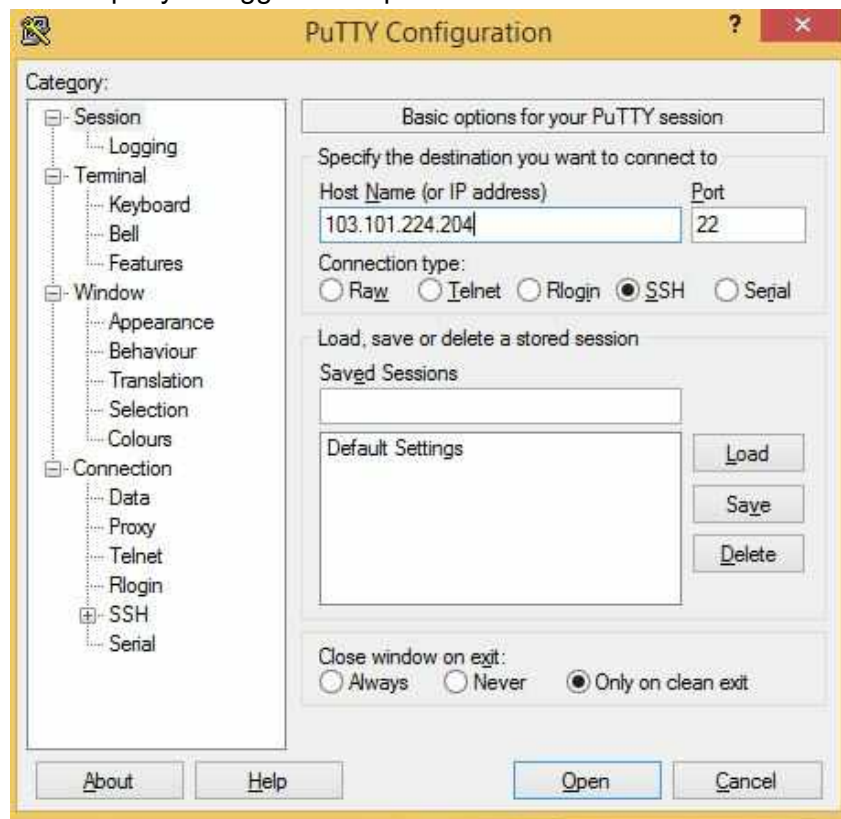
Rahmat Muliadi

Rahman Sujatman

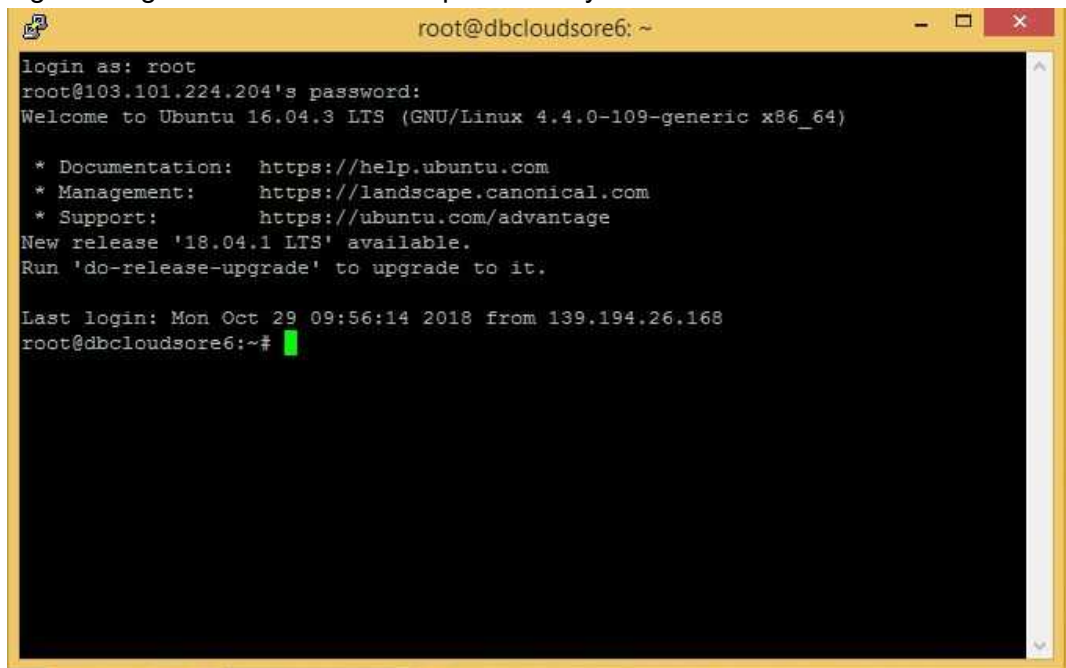
Reisa Noor Maulani

Reza

1. Menambah User di VM **dbcloudsore6** yang telah kami buat. Cukup dengan menggunakan perintah :
sudo adduser namauser
2. Selanjutnya kami mencoba untuk mengatur agar MySQL dapat diakses dari luar server. Langkah pertama yang harus dilakukan adalah login VM melalui putty menggunakan ip server



3. login sebagai root lalu masukkan passwordnya.

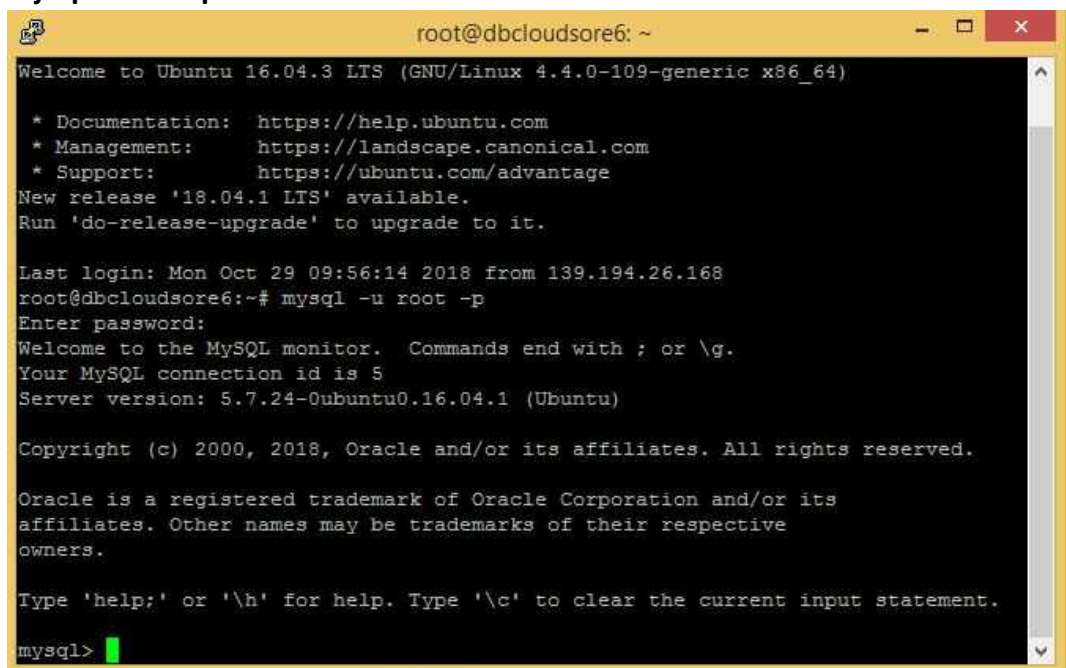


```
root@dbcloudsore6: ~
login as: root
root@103.101.224.204's password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-109-generic x86_64)

 * 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: Mon Oct 29 09:56:14 2018 from 139.194.26.168
root@dbcloudsore6:~#
```

4. kemudian login ke MySQL server dengan menggunakan perintah **mysql -u root -p**



```
root@dbcloudsore6: ~
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: Mon Oct 29 09:56:14 2018 from 139.194.26.168
root@dbcloudsore6:~# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 5
Server version: 5.7.24-0ubuntu0.16.04.1 (Ubuntu)

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owners.

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

mysql>
```

5. Selanjutnya, buat user dan berikan hak akses penuh dengan menggunakan perintah berikut

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

setelah berhasil, reload server agar membaca ulang hak akses dengan menggunakan perintah

FLUSH PRIVILEGES

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'cloud6'@'%' IDENTIFIED BY 'cloudsore6' 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>
```

- langkah berikutnya adalah keluar dari MySQL menggunakan perintah `exit` lalu edit file `mysqld.cnf` dengan perintah berikut :

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

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'cloud6'@'%' IDENTIFIED BY 'cloudsore6' 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> exit
Bye
root@dbcloudsore6:~# nano /etc/mysql/mysql.conf.d/mysqld.cnf
```

- beri tanda `#` pada baris **bind-address = 127.0.0.1** kemudian simpan dan restart MySQL dengan menggunakan perintah **service mysql restart**



```
root@dbcloudsore6: ~
GNU nano 2.5.3 File: /etc/mysql/mysql.conf.d/mysqld.cnf Modified
user = mysql
pid-file = /var/run/mysqld/mysqld.pid
socket = /var/run/mysqld/mysqld.sock
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
^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
```

```
root@dbcloudsore6: ~  
  
^C  
mysql> GRANT ALL PRIVILIGES ON *.* TO 'cloud6'@'%' IDENTIFIED BY 'cloudsore6' WITH GRANT OPTION;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'PRIVILIGES ON *.* TO 'cloud6'@'%' IDENTIFIED BY 'cloudsore6' WITH GRANT OPTION' at line 1  
mysql>  
  
^C  
mysql> GRANT ALL PRIVILEGES ON *.* TO 'cloud6'@'%' IDENTIFIED BY 'cloudsore6' 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> exit  
Bye  
root@dbcloudsore6:~# nano /etc/mysql/mysql.conf.d/mysqld.cnf  
root@dbcloudsore6:~# nano /etc/mysql/mysql.conf.d/mysqld.cnf  
root@dbcloudsore6:~# service mysql restart  
root@dbcloudsore6:~#
```

8. Selanjutnya, kami mencoba mengakses MySQL dari luar server dengan cara login melalui terminal menggunakan user yang sebelumnya sudah dibuat dan diberi hak akses penuh. Gunakan perintah

mysql -h IP_SERVER -u NAMA_USER -p

lalu masukan password user yang tadi telah dibuat

```
Command Prompt - mysql -h 103.101.224.204 -u cloud6 -p  
Microsoft Windows [Version 6.3.9600]  
(c) 2013 Microsoft Corporation. All rights reserved.  
  
C:\Users\user>cd..  
C:\Users>cd..  
C:\>cd xampp  
C:\xampp>cd mysql  
C:\xampp\mysql>cd bin  
C:\xampp\mysql\bin>mysql -h 103.101.224.204 -u cloud6 -p  
Enter password: *****  
Welcome to the MariaDB monitor.  Commands end with ; or \g.  
Your MySQL connection id is 5  
Server version: 5.7.24-0ubuntu0.16.04.1 (Ubuntu)  
Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
MySQL [(none)]>
```

9. untuk memastikan, kami mencoba membuat database baru dengan nama cloudsore6

```

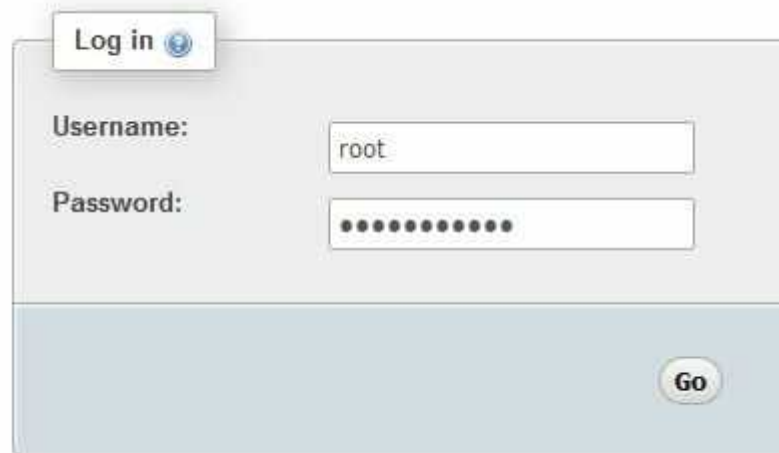
MySQL [(none)]> create database cloudsore6;
Query OK, 1 row affected (0.11 sec)

MySQL [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| cloudsore6 |
| coba |
| mysql |
| performance_schema |
| phpmyadmin |
| sys |
+-----+
7 rows in set (0.09 sec)

MySQL [(none)]>

```

- kemudian login sebagai root pada MySQL server untuk mengecek apakah database yang kita buat tadi ada pada server.



A screenshot of the MySQL command-line login interface. It features a 'Log in' button at the top left. Below it, there are two input fields: 'Username:' with the text 'root' entered, and 'Password:' with a masked password represented by ten dots. A 'Go' button is located at the bottom right of the form.

