

에몽이



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aws mysql 외부접속 허용

_hodge 2019. 3. 12. 20:23

오늘은 AWS로 만든 서버에

MySQL 서버 구축과 외부 접속을 허용해보도록 하겠습니다.

[AWS EC2 인스턴스 생성 방법은 <http://luji.tistory.com/6>를 참조하세요.]

순서

1. MySQL 설치

2. 방화벽 설정

3. 외부접속 허용 설정

4. 접속 확인

MySQL 설 치

터미널에 접속했다는 전제하에 진행합니다.

터미널 명령어로 진행됩니다.

```
sudo su
```

```
apt-get update
```

```
root@ip-172-31-7-90: /home/ubuntu
* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

0 packages can be updated.
0 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-7-90:~$ sudo su
root@ip-172-31-7-90:/home/ubuntu# apt-get update
```

```
apt-get install mysql-server
```

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```
root@ip-172-31-7-90: /home/ubuntu
es [7,232 B]
Get:38 http://security.ubuntu.com/ubuntu xenial-security/restricted Translation-en [2,156 B]
Get:39 http://security.ubuntu.com/ubuntu xenial-security/universe amd64 Packages [191 kB]
Get:40 http://security.ubuntu.com/ubuntu xenial-security/universe Translation-en [99.1 kB]
Get:41 http://security.ubuntu.com/ubuntu xenial-security/multiverse amd64 Packages [3,208 B]
Get:42 http://security.ubuntu.com/ubuntu xenial-security/multiverse Translation-en [1,408 B]
Fetched 24.6 MB in 5s (4,434 kB/s)
Reading package lists... Done
root@ip-172-31-7-90:/home/ubuntu# apt-get install mysql-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libaiol libcgi-fast-perl libcgi-pm-perl libencode-locale-perl
  libevent-core-2.0-5 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7
  mysql-client-core-5.7 mysql-common mysql-server-5.7 mysql-server-core-5.7
Suggested packages:
```

```
root@ip-172-31-7-90: /home/ubuntu
Reading package lists... Done
root@ip-172-31-7-90:/home/ubuntu# apt-get install mysql-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libaiol libcgi-fast-perl libcgi-pm-perl libencode-locale-perl
  libevent-core-2.0-5 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7
  mysql-client-core-5.7 mysql-common mysql-server-5.7 mysql-server-core-5.7
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libaiol libcgi-fast-perl libcgi-pm-perl libencode-locale-perl
  libevent-core-2.0-5 libfcgi-perl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libtimedate-perl liburi-perl mysql-client-5.7
  mysql-client-core-5.7 mysql-common mysql-server mysql-server-5.7
  mysql-server-core-5.7
0 upgraded, 21 newly installed, 0 to remove and 41 not upgraded.
Need to get 19.1 MB of archives.
After this operation, 162 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

[Y 입력]

```
root@ip-172-31-7-90: /home/ubuntu
Package configuration

Configuring mysql-server-5.7
While not mandatory, it is highly recommended that you set a password
for the MySQL administrative "root" user.

If this field is left blank, the password will not be changed.

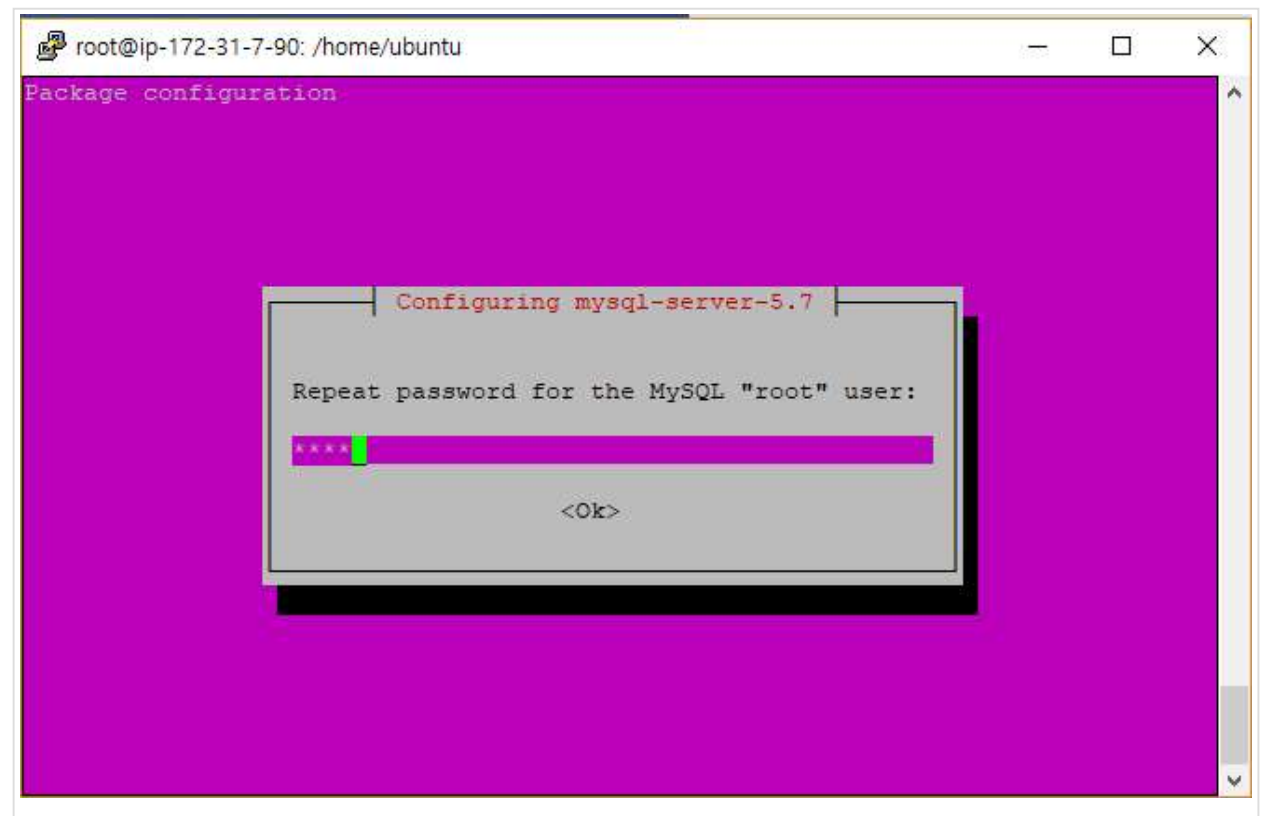
New password for the MySQL "root" user:
*****
<Ok>
```

[ROOT 계정 비밀번호 입력]

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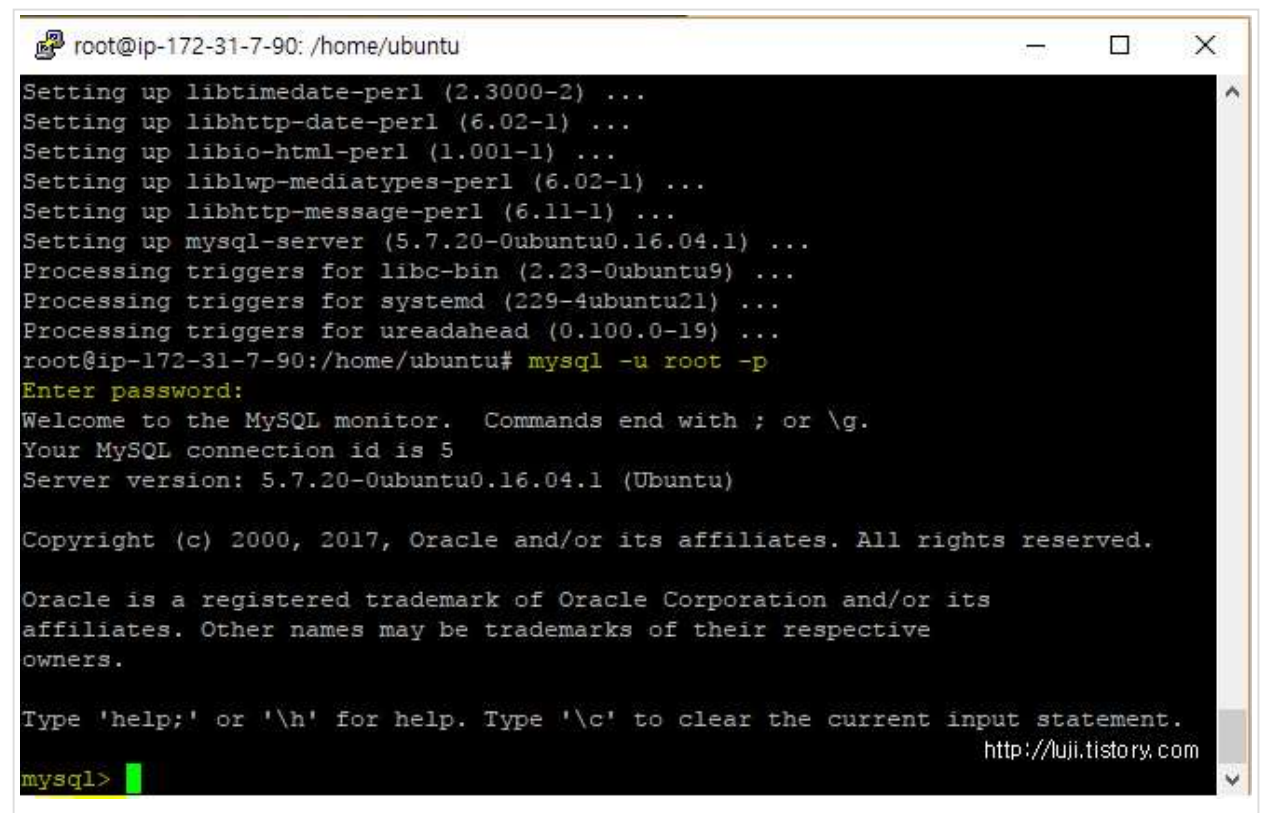


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[비밀번호 재입력]

mysql -u root p
(비밀번호)



[설치완료 및 접속 화면]

방화벽 설정

I신의 인스턴스에 적용된 보안그룹을 확인합니다.

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Name	인스턴스 ID	인스턴스 유형	가용 영역	인스턴스 상태	상태 검사
[redacted]	[redacted]	[redacted]	[redacted]	running	2/2 검사 통과

인스턴스: [redacted] 퍼블릭 [redacted]

인스턴스 ID: [redacted] 퍼블릭 DNS(IPv4): [redacted]
northeast-2.compute.amazonaws.com
IPv4 퍼블릭 IP: [redacted]

[보안 그룹 이동]

Name	그룹 ID	그룹 이름	VPC ID	설명
[redacted]	sg-2154c54a	launch-wizard-4	vpc-6722d30f	launch-wizard-4
[redacted]	sg-91f74dfa	db	vpc-6722d30f	db
[redacted]	sg-a94d4bc1	launch-wizard-1	vpc-6722d30f	launch-wizard-1
[redacted]	sg-b44e48dc	default	vpc-6722d30f	default VPC sec
[redacted]	sg-d62637be	launch-wizard-2	vpc-6722d30f	launch-wizard-2
[redacted]	sg-df2c49b4	launch-wizard-5	vpc-6722d30f	launch-wizard-5
[redacted]	sg-e2f74d89	launch-wizard-3	vpc-6722d30f	launch-wizard-3

보안 그룹: sg-b44e48dc

설명 인바운드 아웃바운드 태그

편집

유형 프로토콜 포트 범위 소스 설명

[적용된 그룹 선택 후 편집 버튼 클릭]

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사용자 지정 tcp 선택

3306 포트

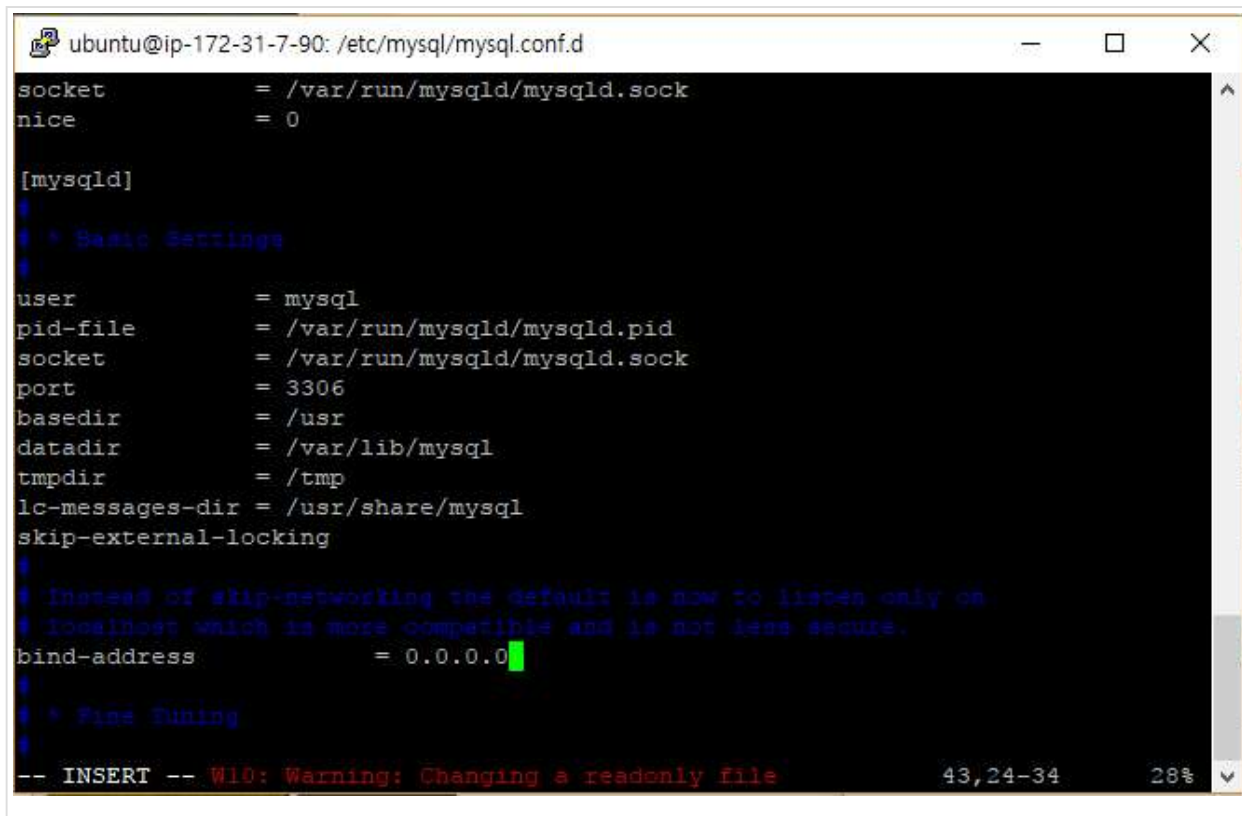
위치 무관 선택 후 저장

외부접속 허용 설정

|미널에 접속했다는 전제 하에 진행합니다.

|눅스 명령어로 진행됩니다.

```
sudo su
cd /etc/mysql/mysql.conf.d
vi mysqld.cnf
```



bind-address 값을 0.0.0.0 으로 수정

vi 에디터 수정 하는 방법

i 키 누르면 수정

ctrl + c 로 명령행

:wq로 저장후 vi 종료

```
service mysql restart
mysql -u root -p
```

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```
ubuntu@ip-172-31-7-90: /etc/mysql/mysql.conf.d
Copyright (c) 2000, 2017, 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 'root'@'%' identified by '1234' with grant op
tion;
'> ;
'> grant all privileges on *.* to root@'%' identified by 'password';
'>
'>
'> show
'> exit
'> exit
'>

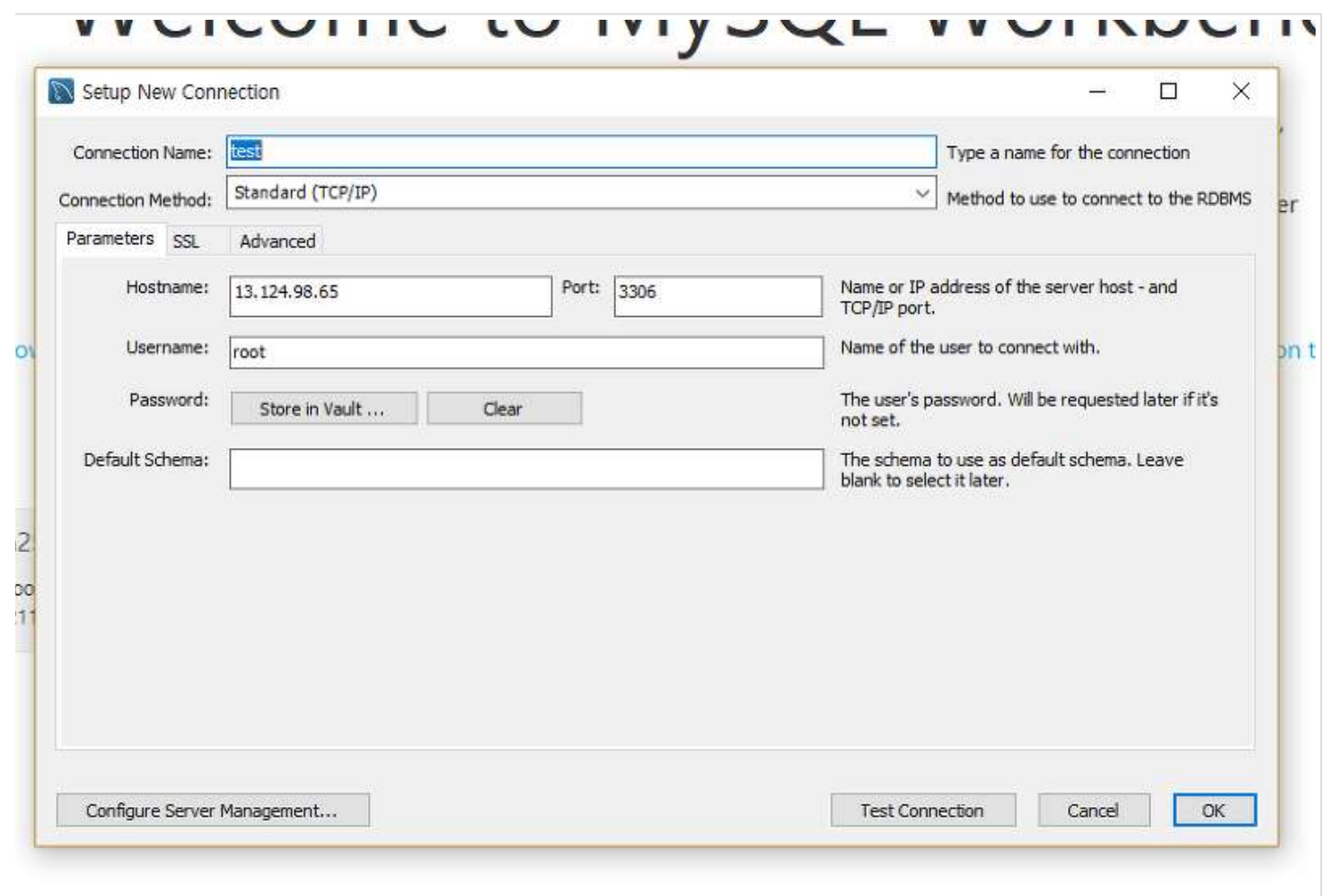
^C
mysql> grant all privileges on *.* to root@'%' identified by '1234';
Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql>
```

grant all privileges on *.* to root@'%' identified by '루트계정 비밀번호';

접속 확인

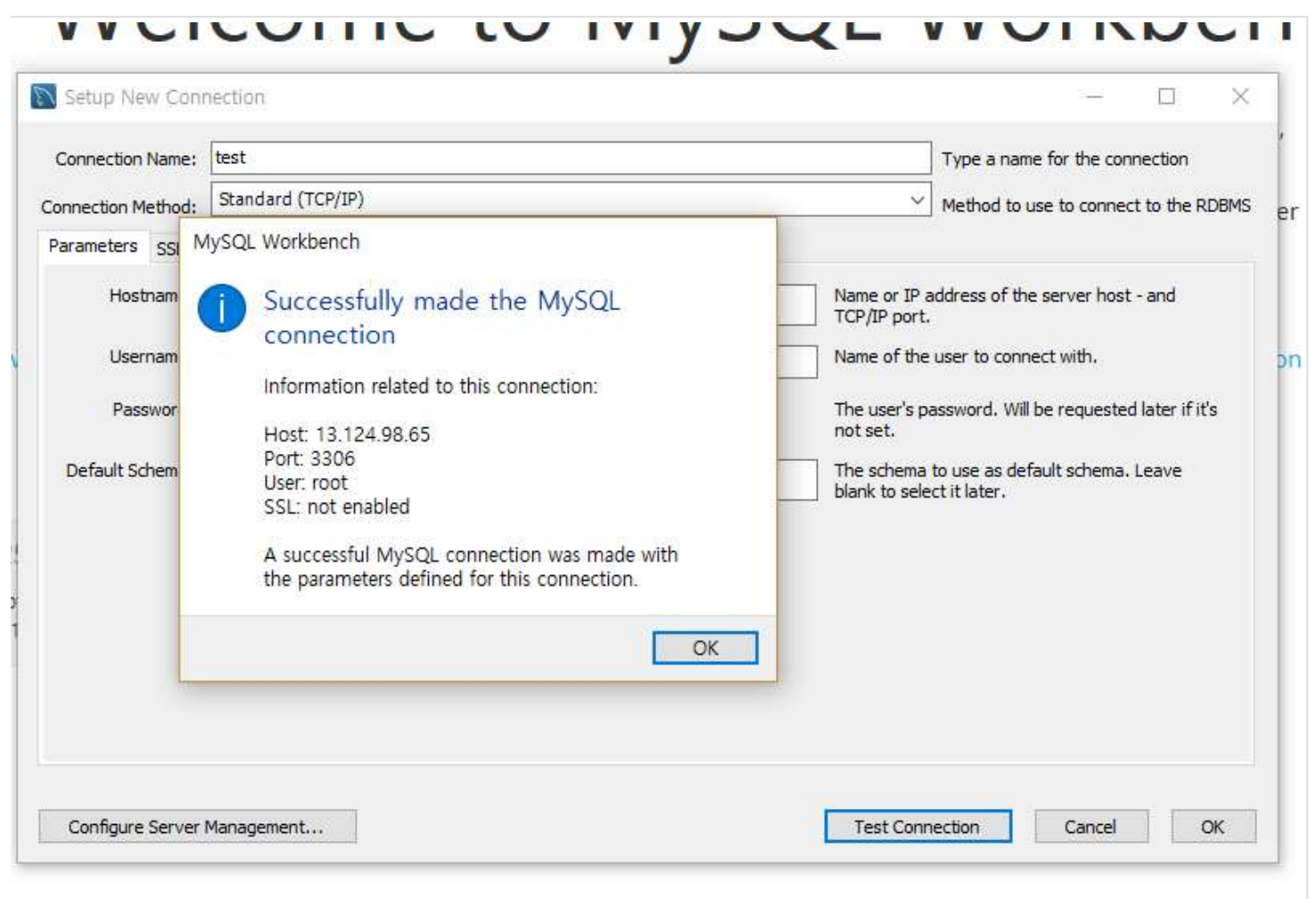
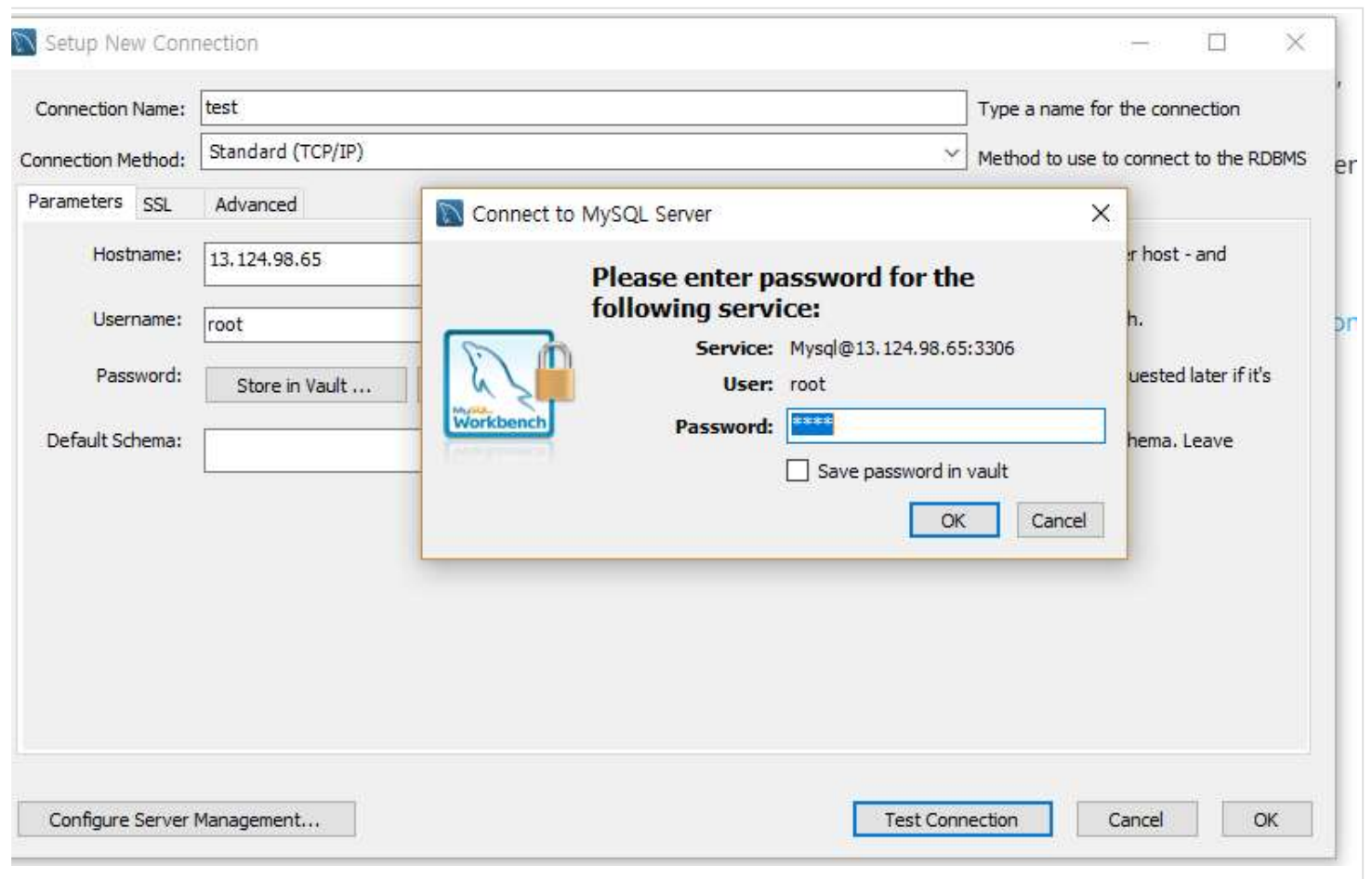
mysql workbench 이용



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- 끝 -

출처: <https://luji.tistory.com/7>

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구독하기

DB' 카테고리의 다른 글

mongodb 사용자 관리 (0)	2019.03.13
mongodb 외부접속 (0)	2019.03.12
aws mysql 외부접속 허용 (0)	2019.03.12
mysql 유저 관리 (0)	2019.03.12
mongodb argeegation개념 (0)	2019.02.26
redis 설치 및 기본 명령어 (0)	2017.09.14



B' Related Articles

[more](#)

mongodb 사용자 관리	mongodb 외부접속	mysql 유저 관리	mongoDB argeegation 개념
2019.03.13	2019.03.12	2019.03.12	2019.02.26

Comments

Name

Password

여러분의 소중한 댓글을 입력해주세요

SecretSend