

04. DB Client 환경 구성-MongoDB Compass



● 1. MongoDB Compass (1/5)

일렉트론(Electron) 프레임워크(HTML,CSS,Javascript,React.js,Node.js)으로 개발한 GUI IDE(Integrated Development Environment:통합개발환경)를 갖춘 관리도구 이자 쿼리도구이며 다음의 절차에 따라 SQL Developer 설치.

- 1 MongoDB 웹사이트 접속
<https://www.mongodb.com/try/download/compass>

- 2 OS 환경에 맞는 Compass Download

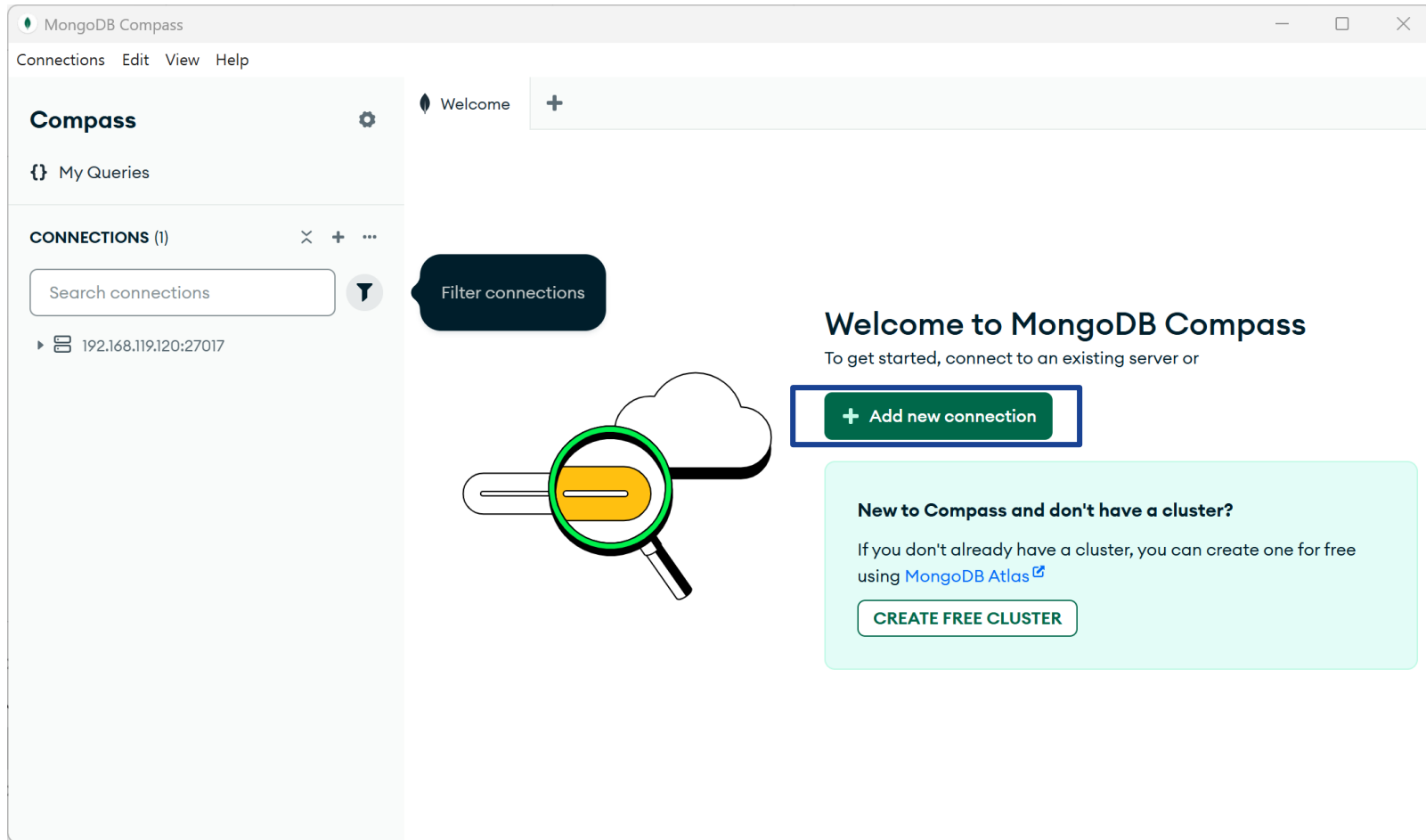
Window	Mac
<div>Version 2.5.6</div>	<div>Version 1.46.6 (Stable)</div>
<div>Platform Windows x64 (10+)</div>	<div>Platform macOS 64-bit (10.15+)</div>
<div>Package msi</div>	<div>Package dmg</div>

- 3 OS 환경에 맞는 Compass 설치 파일 클릭
C:\MONDEVW02_Program\mongodb-compass-1.46.6-win32-x64.exe or
C:\MONDEVW02_Program\ mongodb-compass-1.46.6-darwin-x64.dmg

3단계부터 실행

● 1. MongoDB Compass (2/5)

4 Add new connection



● 1. MongoDB Compass (3/5)

5 접속연결자 = Connection String (IP + PORT)

- scott/tiger

*N개의 MongoDB ?

- (1) port
- (2) 디렉토리 --dbpath

New Connection

Manage your connection settings

URI ? Edit Connection String ☐

Name **Color**

☒ **Favorite this connection**
Favoriting a connection will pin it to the top of your list of connections

☒ **Advanced Connection Options**

General

Authentication

TLS/SSL

Proxy/SSH

In-Use Encryption

Advanced

Authentication Method

Username/Password

OIDC

X.509

Kerberos

LDAP

AWS IAM

Username

Optional

Password

Optional

Authentication Database ?

Optional

Authentication Mechanism

Default

SCRAM-SHA-1

SCRAM-SHA-256

TLS/SSL is disabled. If possible, enable TLS/SSL to avoid security vulnerabilities.

Cancel

Save

Connect

Save & Connect

How do I find my connection string in Atlas?

If you have an Atlas cluster, go to the Cluster view. Click the 'Connect' button for the cluster to which you wish to connect.
[See example](#)

How do I format my connection string?

[See example](#)

● 1. MongoDB Compass (4/5)

5 접속연결자 = Connection String (IP + PORT)

- system/manager00

New Connection

Manage your connection settings

URI ⓘ

mongodb://192.168.119.120:27017/

Edit Connection String

Name

mgrMongoCssDB

Color

Red

☒ Favorite this connection

Favoriting a connection will pin it to the top of your list of connections

☒ Advanced Connection Options

General

Authentication

TLS/SSL

Proxy/SSH

In-Use Encryption

Advanced

Authentication Method

Username/Password

OIDC

X.509

Kerberos

LDAP

AWS IAM

Username

system

Optional

Password

.....

Optional

Authentication Database ⓘ

admin

Optional

Authentication Mechanism

Default

SCRAM-SHA-1

SCRAM-SHA-256

ⓘ TLS/SSL is disabled. If possible, enable TLS/SSL to avoid security vulnerabilities.

Cancel

Save

Connect

Save & Connect

How do I find my connection string in Atlas?

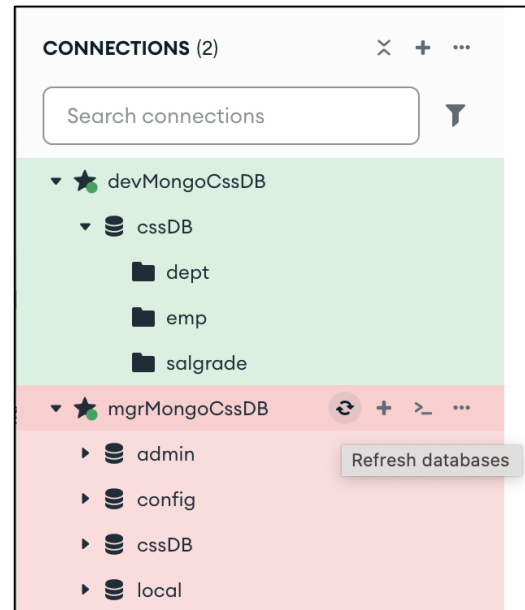
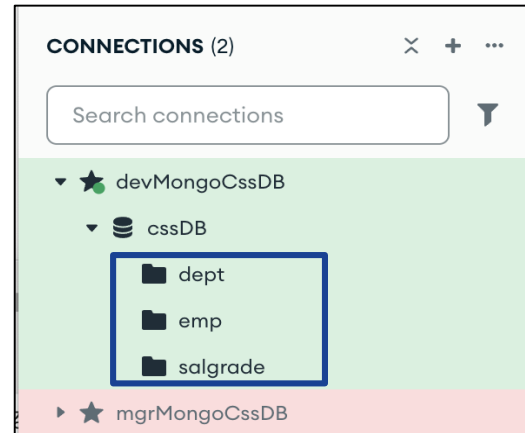
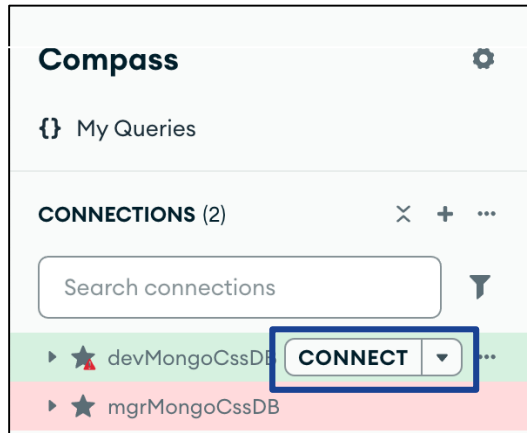
If you have an Atlas cluster, go to the Cluster view. Click the 'Connect' button for the cluster to which you wish to connect. [See example](#)

How do I format my connection string?

[See example](#)

1. MongoDB Compass (5/5)

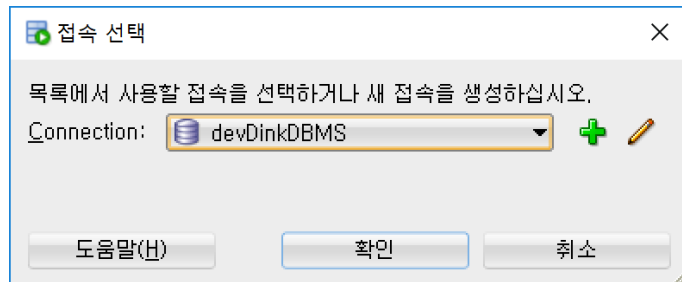
6 접속 (Connection)



● 2. SQL Developer 환경 구성(64bit) (2/4)


② 도구 > SQL 워크시트 클릭

③ 접속 연결자 선택



④ 테스트용 SQL 실행

SELECT * FROM TAB;

* 실행할 SQL 선택 or 마우스 클릭
(⌘) Control + Enter Key
(⌘)  클릭

⑤ 실습용 데이터 확인

SELECT COUNT(*) FROM EMP_LARGE;

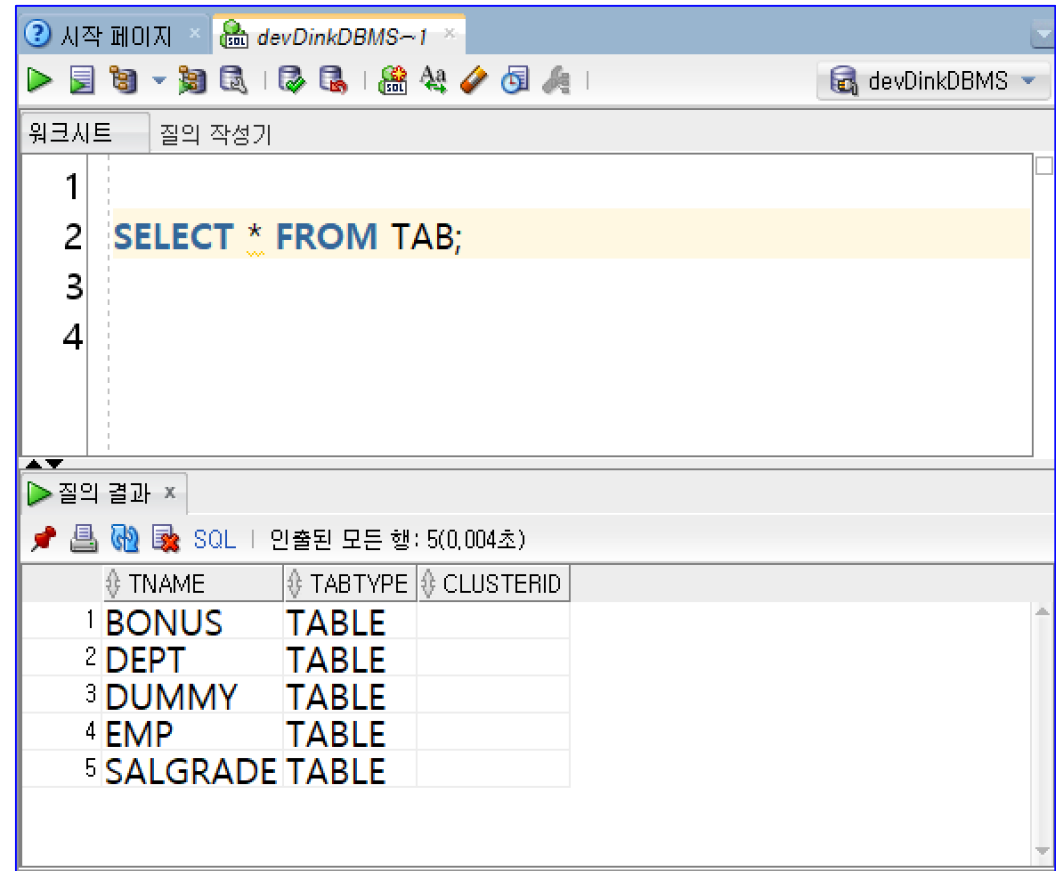
SELECT COUNT(*) FROM BONUS_LARGE;

SELECT COUNT(*) FROM CUSTOMER;

100만건

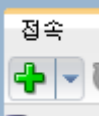
0건

570만건 이상



● 2. SQL Developer 환경 구성(64bit) (3/4)

① 접속 연결자(Connect String = Host String) 생성 (DBA 계정)

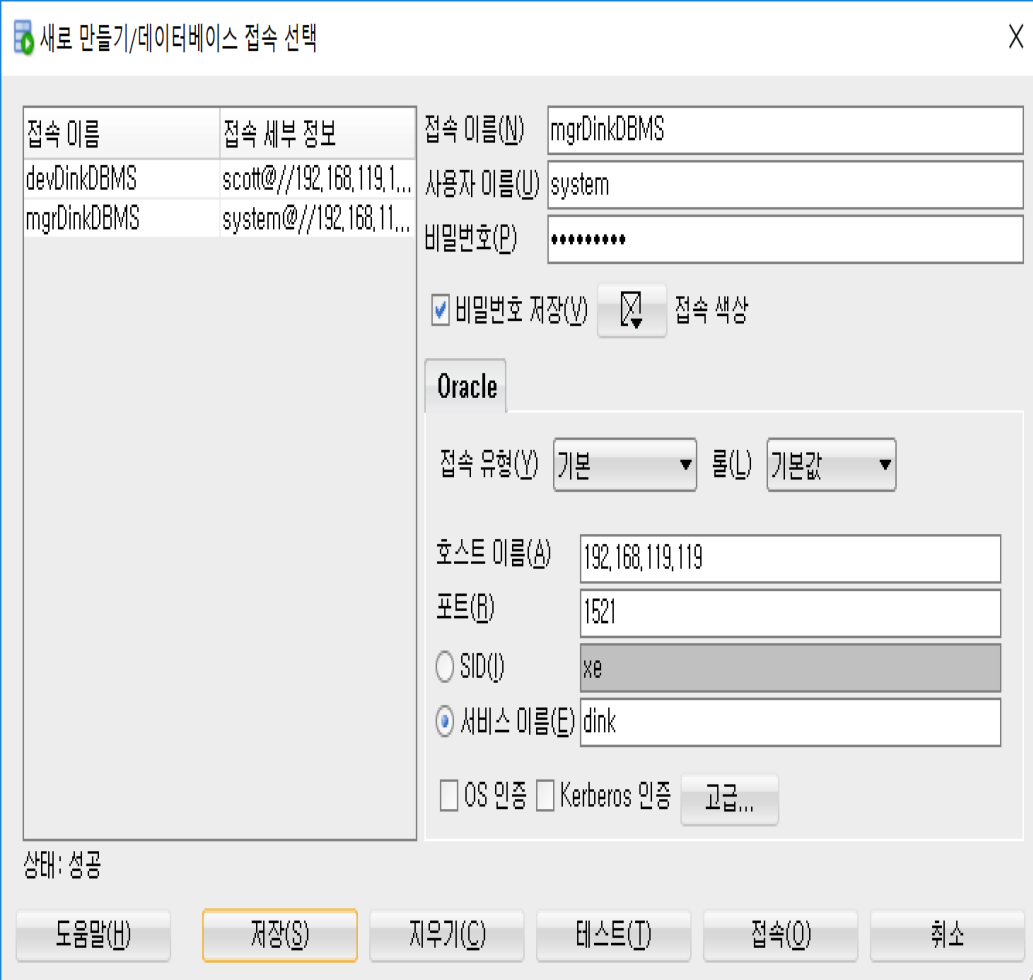
[ㄱ] 왼쪽상단  [클릭]

[ㄴ] 접속이름: mgrDinkDBMS
사용자이름: system
비밀번호: manager33
접속유형:기본
비밀번호 저장 Checkbox 선택
호스트이름: 192.168.119.119
포트:1521
서비스 이름 : dink

[ㄷ] [테스트] 클릭

[ㄹ] 상태:[성공] 메시지 확인

[ㄴ] [저장] 클릭



접속 이름	접속 세부 정보
devDinkDBMS	scott@//192.168.119.1...
mgrDinkDBMS	system@//192.168.11...

접속 이름(N) mgrDinkDBMS
사용자 이름(U) system
비밀번호(P)

☒ 비밀번호 저장(V) ☒ 접속 색상

Oracle

접속 유형(Y) 기본 기본값

호스트 이름(A) 192.168.119.119
포트(P) 1521
☐ SID(I) xe
☒ 서비스 이름(E) dink

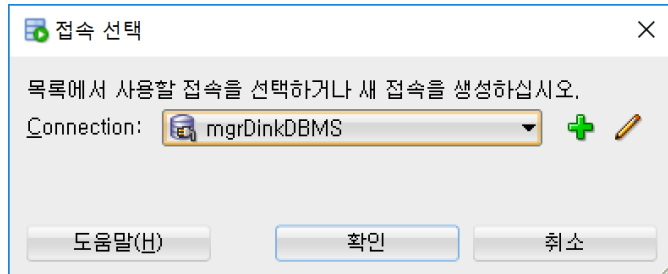
☐ OS 인증 ☐ Kerberos 인증

상태: 성공

● 2. SQL Developer 환경 구성(64bit) (4/4)


2 도구 > SQL 워크시트 클릭

3 접속 연결자 선택 (mgrDinkDBMS , DBA계정으로 접속)



4 테스트용 SQL 실행

SELECT * FROM TAB;

- * 실행할 SQL 선택 or 마우스 클릭
- (⌘) Control + Enter Key
- (⏪)  클릭

