

# Crowd MySQL 설정

이 문서는 Crowd MySQL 설정을 가이드를 제공하기 위해 작성되었다.

|     |                     |
|-----|---------------------|
| 도구명 | Crowd               |
| 버전  | 4.4.4               |
| OS  | CentOS 8            |
| 비고  | Mysql 8.0과 Crowd 연동 |

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## 1. MySQL 데이터베이스 생성과 구성

데이터베이스 생성

```
CREATE DATABASE crowddb CHARACTER SET utf8 COLLATE utf8_bin;
```

사용자 생성 및 권한 설정

```
//localhost
CREATE USER 'crowduser'@'localhost' IDENTIFIED BY 'password';
GRANT ALL PRIVILEGES ON crowddb.* TO 'crowduser'@'localhost' with grant option;

//localhost&
CREATE USER 'crowduser'@'%' IDENTIFIED BY 'password';
GRANT ALL PRIVILEGES ON crowddb.* TO 'crowduser'@'%' with grant option;

flush privileges;
```

사용자 권한 확인

```
SHOW GRANTS FOR 'crowduser'@'localhost';
SHOW GRANTS FOR 'crowduser'@'%';
```

my.cnf 수정

- 옵션 추가 후 mysql 재기동

```
//
[mysqld]
...

character-set-server=utf8
collation-server=utf8_bin
default-storage-engine=INNODB
transaction-isolation = READ-COMMITTED
```

## 2. JDBC 드라이브 복사

아래 링크에서 다운로드

- <https://dev.mysql.com/downloads/connector/j/>

압축 해제 후 mysql-connector-java-5.x.x-bin.jar 파일을 다음 경로로 이동

- <Crowd-Install>/apache-tomcat/lib/

### 3. Crowd 실행

```
//Crowd Start
<Crowd-Install>/start_crowd.sh

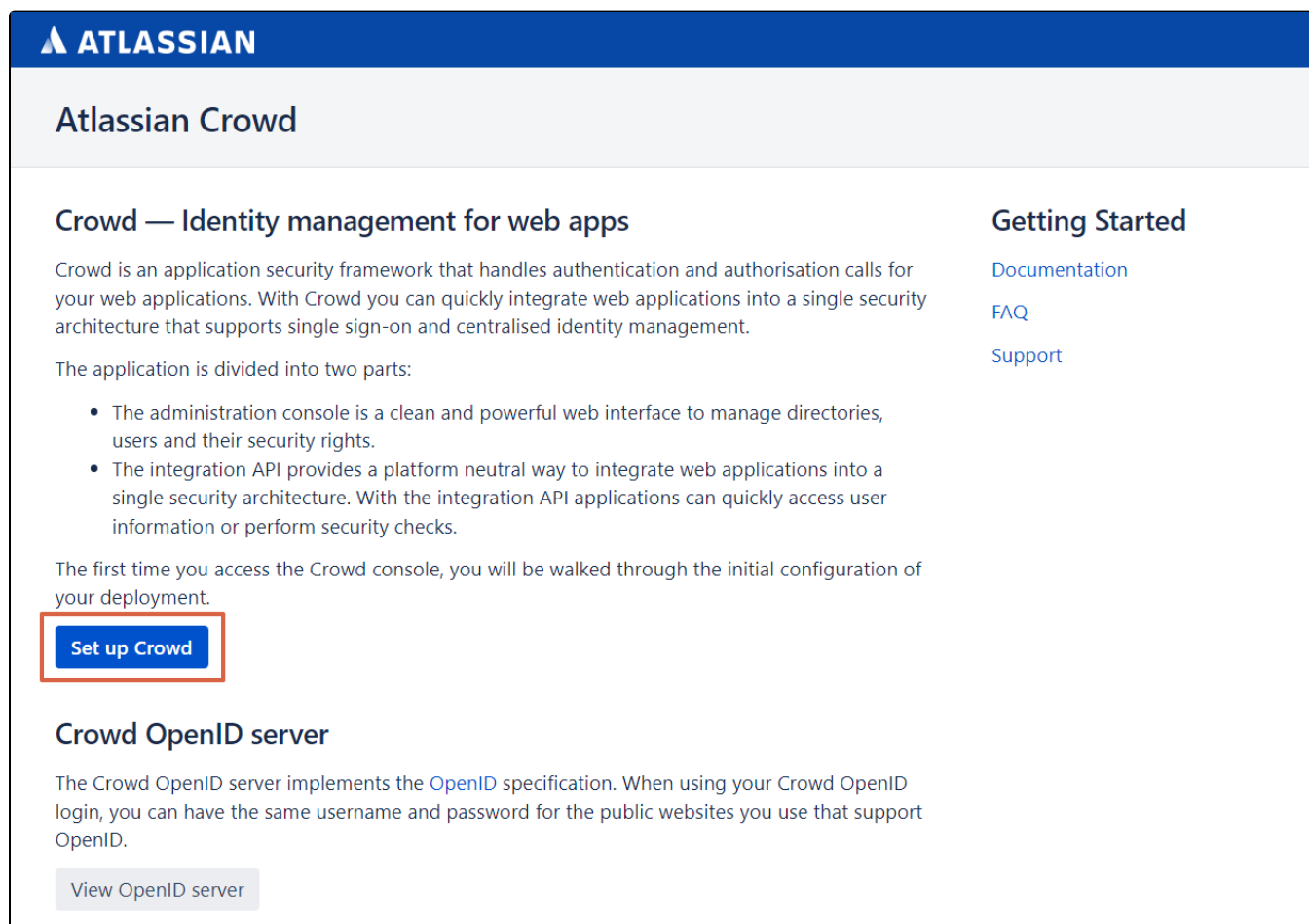
//Crowd Stop
<Crowd-Install>/stop_crowd.sh
```

### 4. Crowd Set up

웹 브라우저에 Crowd URL을 입력하여 접속

- <http://ip:8095> 또는 <http://localhost:8095>

Set up Crowd 버튼 클릭



The screenshot shows the Atlassian Crowd homepage. The header is blue with the Atlassian logo. Below the header, the title 'Atlassian Crowd' is displayed. The main content area is divided into two columns. The left column is titled 'Crowd — Identity management for web apps' and contains a paragraph about Crowd's capabilities, a list of features, and a 'Set up Crowd' button highlighted with a red box. The right column is titled 'Getting Started' and contains links for 'Documentation', 'FAQ', and 'Support'. Below the main content, there is a section for 'Crowd OpenID server' with a 'View OpenID server' button.

라이선스 입력

## License

It appears this is the first time that you have run Crowd. This setup wizard will take you through your initial configuration:

Server ID **BAE2-QCE1-4XB8-83Z9**

License key  
AAABeA0ODAOpeNp1kV1PwjAUhu/7K5Z4oyGQrYh8JE3EbgpmDIVBJOGm1AMsbB1pu0349e4DghhNe  
tGej/c95+mNn4DhxamBcX56rW6v9WDQqW9gE2O0g8McpApiQawH02ybnWbTQjQWmnHtsQiliLPL  
ogeeSJT3uBxhN4SybdMgc00kEKIbll13ERuwEEocL72gTz8SOLieZJ0Riwl/9DkMs4+GycF/7CH0  
puORyNnQod991SQqzIKQoMkWiawqphwNSWjGhGn21XL6zjMduYnu0PbJxNBIZEr/OaSPvb90Eou  
utFW6bu4iV7HT59TORcObrms82SLAmaJivFZbDXBY/SOLKdaiYLzzULFaB8hXwCwQT/Z9eqyUiF  
cjxeqZywkRunfkMbeIO7anj1V2r023ijtIB+YtcR8Zyw0SgWDkKnU3m1KCx3DcQIVAGf9OvTHPEQ  
QpXcM7/i5ENI+1oUW7cFkCNiujdsMc4KQuTUh5drpXaNwiywdUwLAIUISRV1z2qslqPYDxSTFxl

An evaluation license key is available from the [Atlassian website](#). Or you can access your license key on [My Atlassian](#).

Continue

New installation 선택

## Crowd installation

Please select type of installation you would like to perform.

☒ New installation

Setup a fresh installation of Crowd.

☐ Import data from an XML backup

Import data using an XML export from an existing Crowd installation.

Continue

JDBC connection 선택 > Database MySQL 8 선택

## ■ 선택 후 초기 화면

### Database configuration

Select the type of database you would like to use with Crowd.

☐ Embedded  
The embedded database will allow Crowd to operate without an external database. This is useful when evaluating Crowd and **not recommended** for production systems.

☒ JDBC connection  
Connect to an external database using a JDBC connection.

☐ JNDI datasource  
Connect to an external database through a datasource managed by the application server.

Database\*   
Select a database preconfiguration.

Driver class name\*   
The class name of the database driver. Ensure that this class is in your application server's class path.

JDBC URL\*   
The JDBC URL to access the database.

Username\*   
The username to access the database.

Password   
The password to access the database.

Hibernate dialect\*   
Only modify the Hibernate dialect if you require a variant dialect for your database type.

☐ Overwrite existing data  
Overwrite any existing data in the database for a clean installation of Crowd.

Continue

### Database Configure



Driver class name을 com.mysql.jdbc.Driver로 수정한다. 기본 옵션(com.mysql.cj.jdbc.Driver)으로 설정 시 다음 오류 발생

Driver class name\*

The specified class was not found in the class path.

상단에 다음 오류가 발생하면 Crowd db user 권한 및 JDBC URL, Username, Password를 제대로 입력했는지 확인한다.



**Could not connect to the database: com.mysql.jdbc.exceptions.jdbc4.MySQLNonTransientConnectionException: Could not create connection to database server. Attempted reconnect 3 times. Giving up.**

|                   |   |
|-------------------|---|
| Driver class name | com.mysql.jdbc.Driver   |
| JDBC URL          | jdbc:mysql://<ip 또는 localhost>/<Crowd db명>?autoReconnect=true&characterEncoding=utf8&useUnicode=true<br><br>예시<br>jdbc:mysql://10.1.20.33/crowddb?autoReconnect=true&characterEncoding=utf8&useUnicode=true |
| Username          | crowduser   |
| Password          | 비밀번호 입력   |
| Hibernate dialect | org.hibernate.dialect.MySQL8Dialect   |

### 입력값 참고 사진

- Continue 후 오류 메시지 발생하지 않으면 데이터베이스 구성 중이므로 기다린다.

Database \*

MySQL 8

▼

Select a database preconfiguration.

Driver class name \*

com.mysql.jdbc.Driver

The class name of the database driver. Ensure that this class is in your application server's class path.

JDBC URL \*

jdbc:mysql://10.1.20.33/crowddb?autoReconnect=true&characterEncoding=utf

The JDBC URL to access the database.

Username \*

crowduser

The username to access the database.

Password

.....

The password to access the database.

Hibernate dialect \*

org.hibernate.dialect.MySQL8Dialect

Only modify the Hibernate dialect if you require a variant dialect for your database type.

☐ Overwrite existing data

Overwrite any existing data in the database for a clean installation of Crowd.

Continue

Continue

Options

Deployment title

CURVC Corp. Crowd server

The name of this Crowd instance.

Session timeout

30

The number of minutes a session lasts before expiring. Must be greater than 0.

Base URL

http://10.1.20.35:8095/crowd

The base URL for this installation of Crowd.

Continue

Continue

## Internal directory

Name\*

A short, recognisable name that characterises this user directory. For example: "Chicago employees" or "Web customers".

Description

More information about this directory.

Password regex

Regular expression pattern which new passwords will be validated against. Leave blank to disable this feature.

Password complexity requirement message

Message explaining the password complexity requirements for the directory.

Maximum password attempts

The maximum number of invalid password attempts before the authenticating account will be disabled. Enter 0 to disable this feature.

Password history count

The number of previous passwords to check when disallowing repeated passwords on password change. Enter 0 to allow password repeats.

Days until password expiry

The number of days until the password must be changed. Enter 0 to disable password expiry.

Password encryption\*

For compatibility between Atlassian products you must use ATLASSIAN-SECURITY.

Continue

## 관리자 계정 생성

## Default administrator

To configure the security server, a default administrator needs to be created. Additional administrators may be added later.

Email address\*

Username\*

Password\*

Confirm password\*

First name\*

Last name\*

Continue

Continue

## Integrated applications

Which integrated applications would you like to enable?

☐ OpenID server

The Crowd OpenID server will allow you to authenticate using your standard Crowd logins with OpenID enabled websites.

Continue

생성한 관리자로 로그인



Hello there!

Let's get some work done.

Username or email

admin

Password

.....



☐ Remember me

Log in

[Forgot your password?](#)

Powered by Atlassian Crowd Version: 4.4.4 (Build:#1692 - 2022-11-08) b5e25058-d677-435e-8d4e-c85881432749

## 참조 링크

- <https://confluence.atlassian.com/crowd/mysql-4030924.html>