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

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/

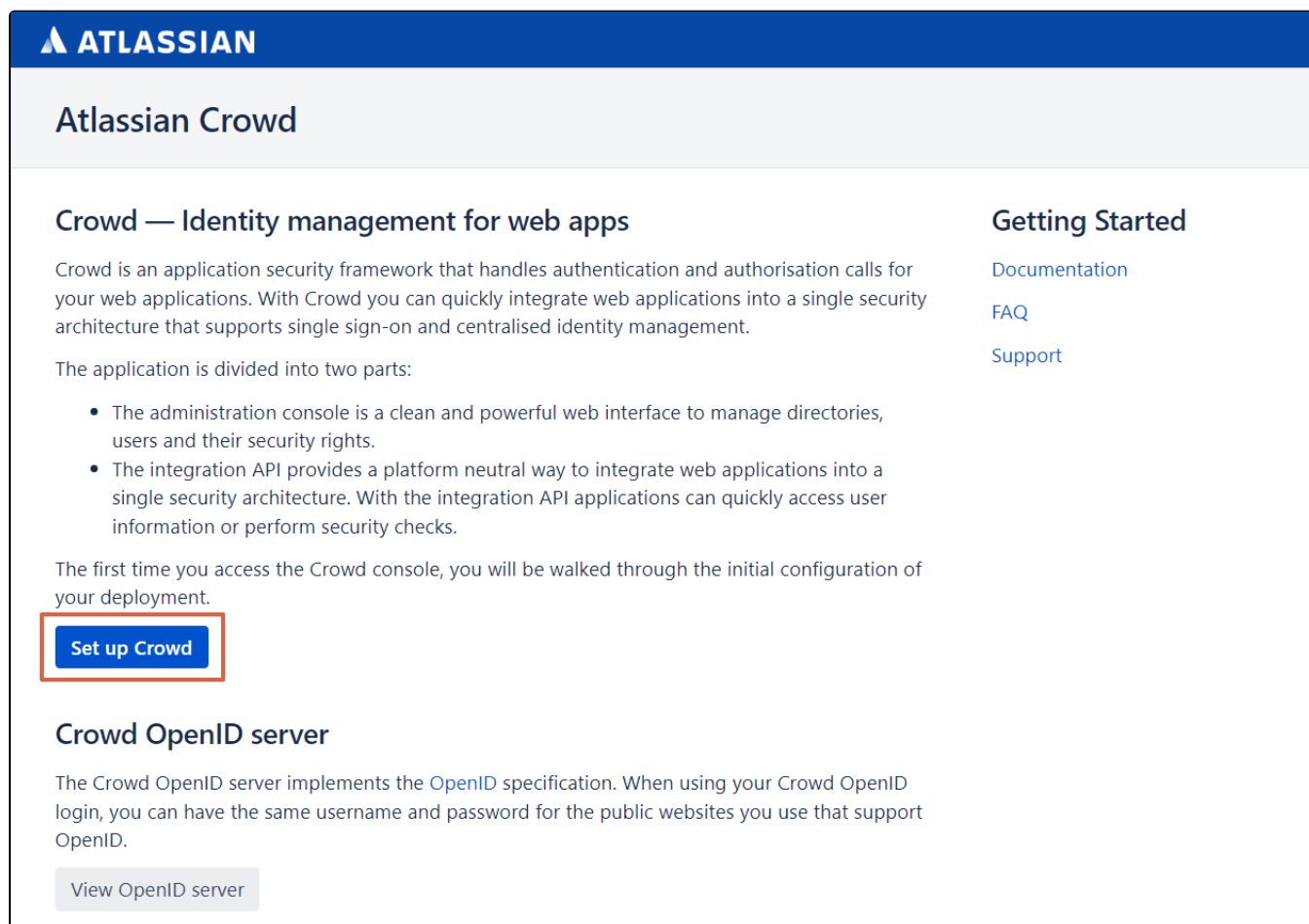## 3. Crowd 실행

```
//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://localost:8095

Set up Crowd 버튼 클릭

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+mNn4DhxamBcX56rW6v9WDQqW9gE2O0g8McpApiQawH02ybnWbTQjQWmnHtsQiIiLPGL
ogeeSJT3uBxhN4SybdMgc00kEKlbll13ERuwEEocL72gTz8SOIieZJ0RiwI/9DkMs4+GycF/7CH0
puORyNnQod991SQqzIKQoMkWiaAwqphwNSWjGhGn21XL6zjMduYnu0PbJxNBlzeR/OaSPvb90Eou
utFW6bu4iV7HT59TORcObrms82SLAmaJivFZbDXBY/SoLKdaiYLzzULFaB8hXwCwQT/Z9eqyUuiF
cjxeqZywKRunfkMbeIO7anj1V2r023ijtlB+YtcR8Zyw0SgWDkKnU3m1KCx3DcQlVAGf9OvTHPEQ
QpXcM7/i5ENl+1oUW7cFkCNiujdsmc4KQuTUh5drpXaNwiywdUwLAIUISRV1z2qsIqPYDxSTFxjL

An evaluation license key is available from the Atlassian website. Or you can access your license key on My Atlassian.

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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.

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JDBC connection 선택 〉 Database MySQL 8 선택

- 선택 후 초기 화면

Database Configure

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

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

Driver class name	com.mysql.jdbc.Driver
JDBC URL	jdbc:mysql://<ip 또는 localhost>/<Crowd db명>?autoReconnect=true&characterEncoding=utf8&useUnicode=true 예시 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.

[ ]

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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.

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Internal directory

Name*	CURVC Corp. Crowd server

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: `0`

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

Password history count: `0`

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

Days until password expiry: `0`

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

Password encryption*: ATLASSIAN-SECURITY

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

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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*	admin@curvc.com
Username*	admin
Password*	••••••••
Confirm password*	••••••••
First name*	admin
Last name*	curvc

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

⬤ ATLASSIAN

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