

# Bitbucket Server Database 전환 가이드



Bitbucket Server 설치 후 데이터베이스 타입을 변경해야 할 경우 참고하시기 바랍니다.

- postgresql 에서 MySQL 전환 예제

Product	Version
Bitbucket Server	5.9.1
Postgresql	9.3.22
MySQL	5.7.22

## ※ Postgresql 에서 MySQL로 변환하기

### 1. MySQL 서버에 Database 생성 및 권한 설정

```
CREATE DATABASE bitbucketmig CHARACTER SET utf8 COLLATE utf8_bin;
GRANT ALL PRIVILEGES ON bitbucketmig.* TO 'gituser'@'192.168.10.%' IDENTIFIED BY 'Agitpass12#$'
```

### 2. 기존 bitbucket-home 폴더 백업

#### 1) bitbucket 서비스 중지

```
[atlassian@localhost bin]$ ./stop-bitbucket.sh
```

#### 2) home폴더 압축하여 백업

```
[atlassian@localhost application-data]$ tar cvf bitbucket-home-postgre.tar bitbucket-home-postgre
```

### 3. MySQL Connector 라이브러리 저장

-home폴더에 존재하는 lib폴더에 connector 저장

```
[atlassian@localhost lib]$ pwd
/app/atlassian/application-data/bitbucket-home-postgre/lib
[atlassian@localhost lib]$ ls
mysql-connector-java-5.1.45-bin.jar native
```

### 4. bitbucket 서비스 재시작

```
[atlassian@localhost bin]$ ./start-bitbucket.sh
```

### 5. 마이그레이션 실행

bitbucket 로그인 -> 기어아이콘 클릭 : Database 클릭 -> Migrate database 실행

1) Database 확인

2) MySQL 정보 입력 -> TEST -> Start mig

Overview

ACCOUNTS

Users

Groups

Global permissions

Authentication

Avatars

User Directories

SETTINGS

Server settings

Database

## Database

Database Type **PostgreSQL**

JDBC URL **jdbc:postgresql://10.1.7.1:5432/bitbucketdb**

Database username **gituser**

Database password **\*\*\*\*\***

[How do I change this?](#)

Migrate database

## Migrate Database

Bitbucket will be unavailable to users while a migration

Database Type **MySQL**

Hostname\* **10.1.7.1**

Port\* **3306**

Database name\* **bitbucketmig**

Database username\* **gituser**

Database password **\*\*\*\*\***

Start migrate

## 3)마이그레이션 결과 확인

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## Database

✓ Migration successful

Database Type **MySQL**

JDBC URL **jdbc:mysql://10.1.7.1:3306/bitbucketmig?characterEncoding=utf8&useUnicode=true**

Database username **gituser**

Database password **\*\*\*\*\***

[How do I change this?](#)

Migrate database

## database 설정 정보 확인

```
[atlassian@localhost shared]:
/app/atlassian/application-d
[atlassian@localhost shared]:
#> *****
#> Migrated to database at j
/bitbucketmig?characterEncod:
#> Updated by admin on 2018-
#> *****
jdbc.driver=com.mysql.jdbc.D
jdbc.url=jdbc:mysql://192.16
characterEncoding=utf8&useUn:
jdbc.user=gituser
jdbc.password=Agitpass12#$
# jdbc.driver=org.postgresql
# jdbc.url=jdbc:postgresql:/
# jdbc.user=gituser
# jdbc.password=gitpass
```