# Configuring Spring Security to Use a Database



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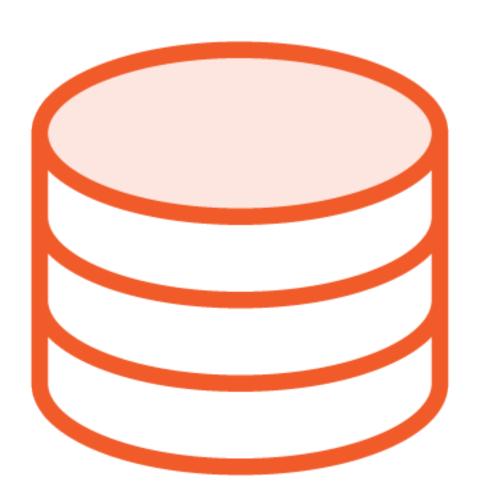
# User Storage



#### In Memory Configuration

```
auth
.inMemoryAuthentication()
.withUser("bryan")
.password(passwordEncoder().encode("pass"))
.roles("USER");
```

## Database



## JDBC Configuration

```
auth
  .jdbcAuthentication()
  .dataSource(dataSource);
```

## docker-compse.yml

```
db:
  image: mysql:5.7
 container_name: conference_security
  ports:
    - 3306:3306
  volumes:
    - "./.data/db:/var/lib/mysql"
  environment:
    MYSQL_ROOT_PASSWORD: pass
    MYSQL_DATABASE: conference_security
```

#### Docker Tips

docker-compose up -d
docker-compose down
docker ps
docker inspect <pid>
docker inspect <pid>
grep "IPAddress"

## Summary

In Memory

**JDBC** 

Docker

**MySQL** 

jdbcAuthentication

**Encode**