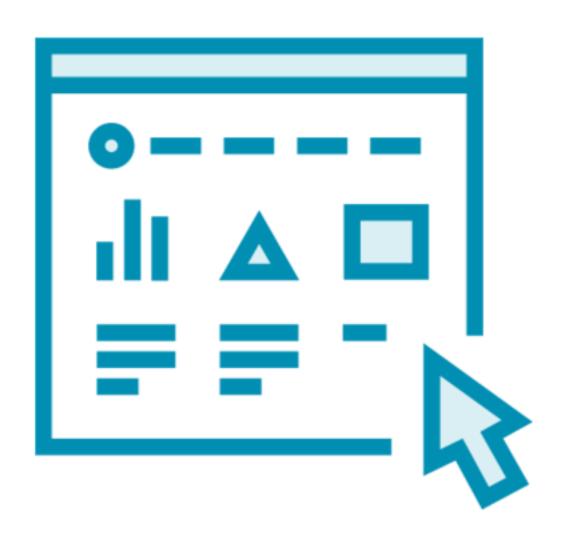# Securing Your Spring MVC Application

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@bh5k

Architecture

Authentication

Authorization

Maven Dependencies

```xml
<dependency>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-starter-security</artifactId>
</dependency>
<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-test</artifactId>
  <scope>test</scope>
</dependency>
```

Gradle Dependencies

```
implementation 'org.springframework.boot:spring-boot-starter-security'
implementation 'org.springframework.security:spring-security-test'
```

Configuration

vs.

security-config.xml

```xml
<authentication-manager>
    <authentication-provider>
      <user-service>
        <user name="bryan" password="secret"
authorities="ROLE_USER"/>
      </user-service>
    </authentication-provider>
</authentication-manager>
```

SecurityConfig.java

```java
User.withDefaultPasswordEncoder()
        .username("user")
        .password("password")
        .roles("USER")
        .build();
```

Summary

Architecture

Authentication / Authorization

Dependencies

XML vs. no XML

Minimal configuration

Separate configuration