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How to Solve 403 Error in Spring Boot Post Request

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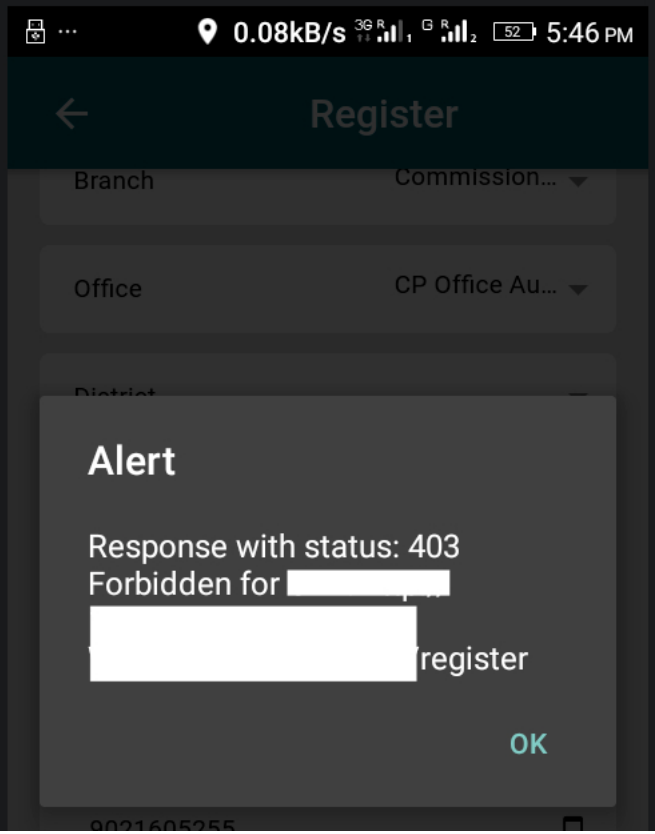
I am newbie in spring boot rest services. I have developed some rest api in spring boot using maven project.

I have successfully developed **Get** and **Post** Api. My **GET** Method working properly in postman and mobile. **when i am trying to hit post method from postman its working properly but from mobile its gives 403 forbidden error.**

This is my Configuration:

```
spring.datasource.url = jdbc:mysql://localhost/sampledb?useSSL=false
spring.datasource.username = te
spring.datasource.password = test
spring.jpa.properties.hibernate.dialect= org.hibernate.dialect.MySQL5InnoDBDialect
Hibernate ddl auto (create, create-drop, validate, update)
spring.jpa.hibernate.ddl-auto = update
```

Please Suggest me how to solve error.



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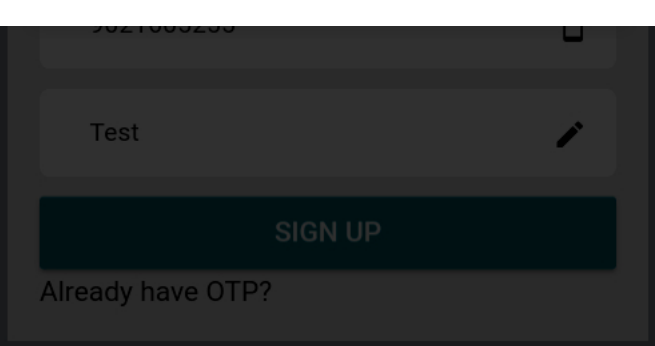

spring rest maven spring-boot

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edited May 23 '18 at 11:00

asked May 23 '18 at 10:41
Harshal Deshmukh
487 ● 1 ● 7 ● 22

Are you sending any header with postman? I think that you are sending a token in order to authenticate the request. Are you sending this token on POST from your mobile device? – desoss May 23 '18 at 10:44

1 Please add details of your spring-boot configuration. – Jannik Weichert May 23 '18 at 10:47

i am sending only Content type from postman and mobile @desoss – Harshal Deshmukh May 23 '18 at 10:49

please attach the logs, spring has surprisingly readable error messages in logs ;) – Jan Ossowski May 23 '18 at 10:53

This is my configurations: #spring.datasource.url = jdbc:mysql://192.168.4.2/maha?useSSL=false #spring.datasource.username = test #spring.datasource.password = test@123 # # ### Hibernate Properties ## The SQL dialect makes Hibernate generate better SQL for the chosen database #spring.jpa.properties.hibernate.dialect = org.hibernate.dialect.MySQL5InnoDBDialect # ## Hibernate ddl auto (create, create-drop, validate, update) #spring.jpa.hibernate.ddl-auto = update @JannikWeichert – Harshal Deshmukh May 23 '18 at 10:54

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2 Answers

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32

you have to disable csrf Protection because it is enabled by default in spring security: here you can see code that allow cors origin.

```
import org.springframework.context.annotation.Bean;
import org.springframework.security.config.annotation.web.builders.HttpSecurity;
import org.springframework.security.config.annotation.web.configuration.EnableWebSecurity;
import org.springframework.security.config.annotation.web.configuration.WebSecurityConfigurer
import org.springframework.web.cors.CorsConfiguration;
import org.springframework.web.cors.CorsConfigurationSource;
import org.springframework.web.cors.UrlBasedCorsConfigurationSource;

@EnableWebSecurity
public class WebSecurityConfig extends WebSecurityConfigurerAdapter{

    @Override
    protected void configure(HttpSecurity http) throws Exception{
        http.cors().and().csrf().disable();
    }

    @Bean
    CorsConfigurationSource corsConfigurationSource() {
        CorsConfiguration configuration = new CorsConfiguration();
        configuration.setAllowedOrigins(Arrays.asList("*"));
```

Linked

0 "cors header 'access-control-allow-origin' missing" denies request, even though origin is allowed

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```
        configuration.setAllowedMethods(Arrays.asList("*"));
        configuration.setAllowedHeaders(Arrays.asList("*"));
        configuration.setAllowCredentials(true);
        UrlBasedCorsConfigurationSource source = new UrlBasedCorsConfigurationSource();
        source.registerCorsConfiguration("/**", configuration);
        return source;
    }

}
```

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answered Oct 5 '18 at 9:57

Ezzat Eissa
336 ● 3 ● 3

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1

Possible causes:

1. Requests done from postman are different to the one done from mobile (uri, method, headers)
2. Invalid token
3. CORS (read something about it, google is full of articles) add @CrossOrigin annotation to your controller.
4. mobile app is doing an OPTION request before performing the POST, and you block OPTION requests. If also from postman the OPTION requests are blocked, add the property *spring.mvc.dispatch-options-request=true*. Moreover, in case you are using spring security, you have to explicitly allow OPTION requests also for it.

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edited May 23 '18 at 16:31

answered May 23 '18 at 14:57

desoss
228 ● 1 ● 17

i already add @CrossOrigin Annotation – Harshal Deshmukh May 23 '18 at 15:39

Added point 4, try to perform an Option request with postman. I had got the same problem with react that before POST, PUT performs an OPTION. Are you using spring security, isn't it? – desoss May 23 '18 at 15:42

can you please tell me how to add option request ?@desoss – Harshal Deshmukh May 23 '18 at 16:02

are you using spring security, isn't it? – desoss May 23 '18 at 16:26

no i am not using spring security – Harshal Deshmukh May 23 '18 at 16:26

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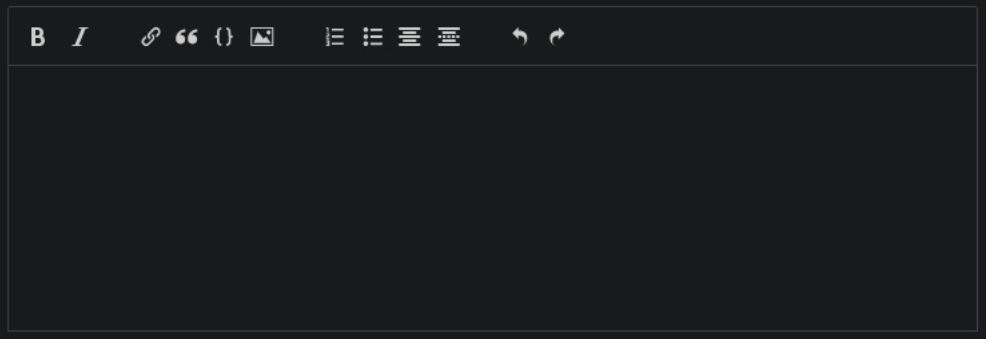

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