

# Deploy Application on Cloud

## Source Code

Providing the source code only for the controller part of the springboot application, whole project already added in the GitHub Repository.

### MainController.java

```
package com.simplilearn.demo;
```

```
import org.springframework.web.bind.annotation.RequestMapping;
```

```
import org.springframework.web.bind.annotation.RestController;
```

```
@RestController
```

```
public class MainController {
```

```
    @RequestMapping("/")
```

```
    public String hello(){
```

```
        return "I am SpringBoot App, Deployed on AWS";  
    }  
  
}
```

```
@RequestMapping("/protected")
```

```
public String protectedHello(){  
  
    return "Hello World, i was protected";  
  
}
```

```
@RequestMapping("/admin")
```

```
public String admin(){  
  
    return "Hello World from admin";  
  
}
```

```
}
```

### **pom.xml**

```
<?xml version="1.0" encoding="UTF-8"?>  
<project xmlns="http://maven.apache.org/POM/4.0.0"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0  
http://maven.apache.org/xsd/maven-4.0.0.xsd">
```

```
<modelVersion>4.0.0</modelVersion>

<parent>

    <groupId>org.springframework.boot</groupId>

    <artifactId>spring-boot-starter-parent</artifactId>

    <version>2.6.5</version>

    <relativePath /> <!-- lookup parent from repository -->

</parent>

<groupId>com.simplilearn.demo</groupId>

<artifactId>SpringSecurity</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>SpringSecurity</name>

<description>API2</description>

<properties>

    <java.version>11</java.version>

</properties>

<dependencies>

    <dependency>

        <groupId>org.springframework.boot</groupId>

        <artifactId>spring-boot-starter-security</artifactId>

    </dependency>

    <dependency>

        <groupId>org.springframework.boot</groupId>

        <artifactId>spring-boot-starter-web</artifactId>

    </dependency>

    <dependency>

        <groupId>org.springframework.boot</groupId>

        <artifactId>spring-boot-starter-test</artifactId>

        <scope>test</scope>

    </dependency>

</dependencies>
```

```
<dependency>

    <groupId>org.springframework.security</groupId>

    <artifactId>spring-security-test</artifactId>

    <scope>test</scope>

</dependency>

</dependencies>

<build>

    <plugins>

        <plugin>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-maven-plugin</artifactId>

        </plugin>

        <plugin>

            <groupId>org.apache.maven.plugins</groupId>

            <artifactId>maven-compiler-plugin</artifactId>

            <version>3.10.1</version>

            <configuration>

                <source>1.8</source>

                <target>1.8</target>

            </configuration>

        </plugin>

    </plugins>

</build>

</project>
```