

Verify Token from Keycloak

Asked 4 years, 2 months ago Modified 4 years, 1 month ago Viewed 7k times



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I have a token which will be passed from a service to my Rest service. I want to use Spring security to validate the token against the public key (this is hosted on a different server). I have defined the Security Config class which is extending KeycloakWebSecurityConfigurerAdapter and i have implemented the httpSecurity and AuthenticationManager Builder.

I am using the OncePerRequestFilter and getting the Bearer token from the request.

@Component public class JwtTokenAuthenticationFilter extends OncePerRequestFilter {

```
@Override
protected void doFilterInternal(HttpServletRequest request, HttpServletResponse
response, FilterChain chain)
    throws ServletException, IOException {

    final String authorizationHeader = request.getHeader("Authorization");

    String token = null;

    if (authorizationHeader != null && authorizationHeader.startsWith("Bearer ")) {
        token = authorizationHeader.substring(7);
    }
}
```

}

What is the method to validate this token using Public Key with Keycloak classes?

[spring-boot](#) [spring-security](#) [keycloak](#)

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asked May 1, 2020 at 15:58



[Tarun Pande](#)

371 ● 1 ● 7 ● 18

1 Answer

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In order to configure your `KeycloakWebSecurityConfigurerAdapter`, I guess you're providing a [keycloak.json](#) file. In [this file](#), you are telling your application where your keycloak server authorization server url is: `auth-server-url`, optionally you could provide a `realm-public-key` as well ([this is not recommended](#)). This is all you need, the adapter [will check](#) for you that incoming tokens are signed by that server, for this realm.

**See also:**

- [Should I explicitly verify Keycloak token or this is done by Keycloak adapter?](#)

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edited May 3, 2020 at 11:34

answered May 3, 2020 at 10:53

**Aritz****31.4k** ● 16 ● 141 ● 222

I am not specifying the public key in my property files. As i mentioned the KID and other values get picked up from a different server. In my filter i am not sure what to do to include the authentication to pass. Right now whatever request i pass from my Postman it says Forbidden. – [Tarun Pande](#) May 4, 2020 at 12:44
