

Title: Spring boot Basic Authentication and OAuth2 in same project?

Post Body:

Is it possible to use OAuth2 for certain endpoints in my rest application and use basic authentication too for some other endpoints. It should all work on spring security version 2.0.1.RELEASE. I hope someone can help me further.

Accepted Answer:

Yes, it's possible to use a basic authentication as well as an OAuth2 authentication intertwined, but I doubt you'll be able to set it up easily as `HttpSecurity's authenticated()` method doesn't allow you to pick which of your authentication method (`oauth2Login/formLogin`) will work.

However, there's a way to easily bypass that:

You could add a custom authority, let's call it `ROLE_BASICAUTH`, when an user connects using basic auth, and `ROLE_OAUTH2` when an user connects using OAuth2. That way, you can use

```
.antMatchers('/endpoint-that-requires-basic-auth').hasRole('BASICAUTH') .antMatchers('/endpoint-that-requires-oauth2').hasRole('OAUTH2')
```

When they reach an endpoint that you want basic authentication (and not OAuth2), you check their current authorities, and if it's not `BASICAUTH`, then you invalidate their session you display a login form *without OAuth2* (to force them to use the basic authentication).

The downside to doing that is that you'd need to implement both a custom `UserDetailsService` as well as a custom `OAuth2UserService`...

But that's actually not that hard:

```
@Service public class UserService extends DefaultOAuth2UserService implements UserDetailsService {    // ...    @Override
```

Note that this is a rough implementation, so you'll have to work it out a bit on your end as well.

You can also use this repository I made <https://github.com/TwinProduction/spring-security-oauth2-client-example/tree/master/custom-userservice-sample> as a guideline for the custom `OAuth2UserService`

Good luck.

Highest Rated Answer: None