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Differences Oauth1 and Oauth2

- Security
- Token life span
- Flows
- Roles

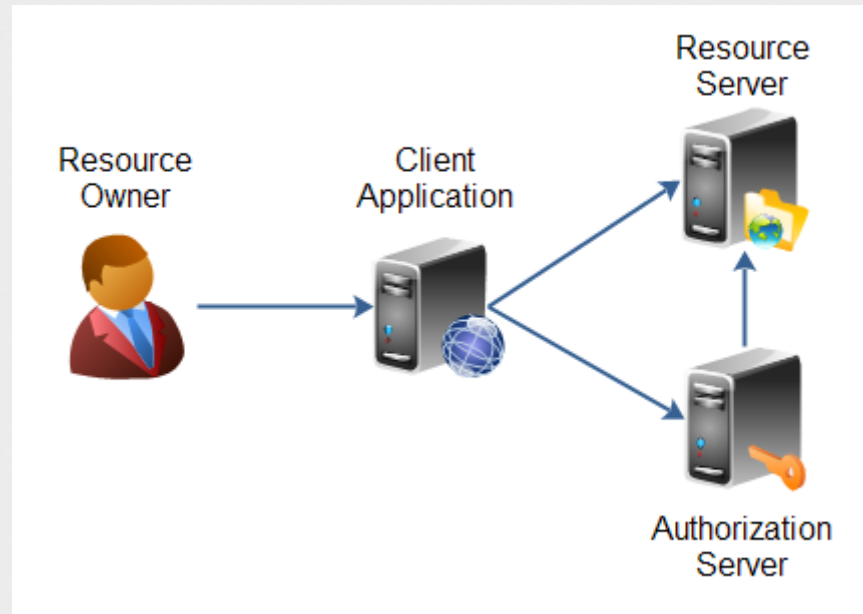
What is Oauth2

- Protocol
- Resources

Oauth2 roles

- Resource owner
- Resource server
- Client Application
- Authorization Server
- User Agent

Oauth2 Roles

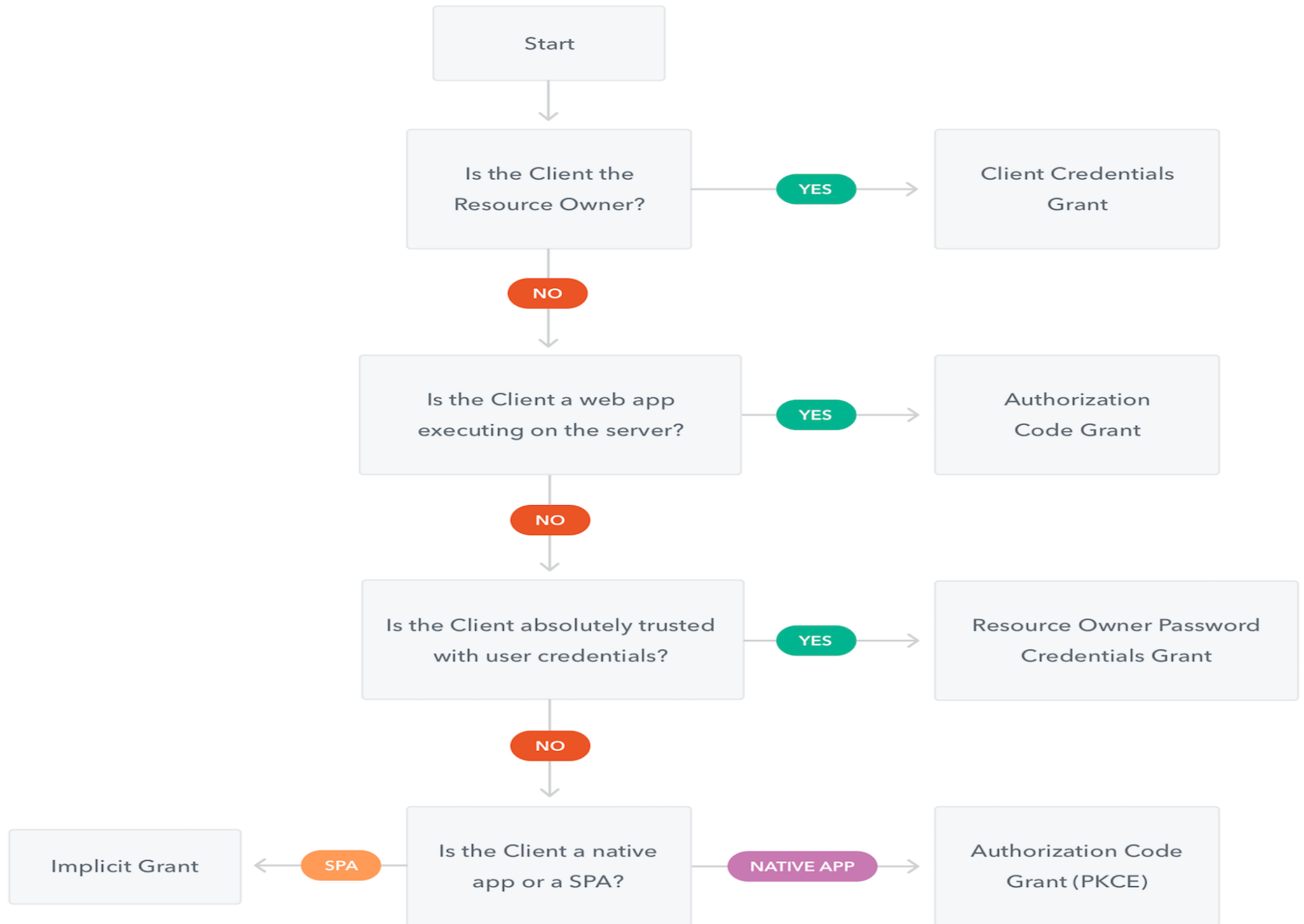


Grant types

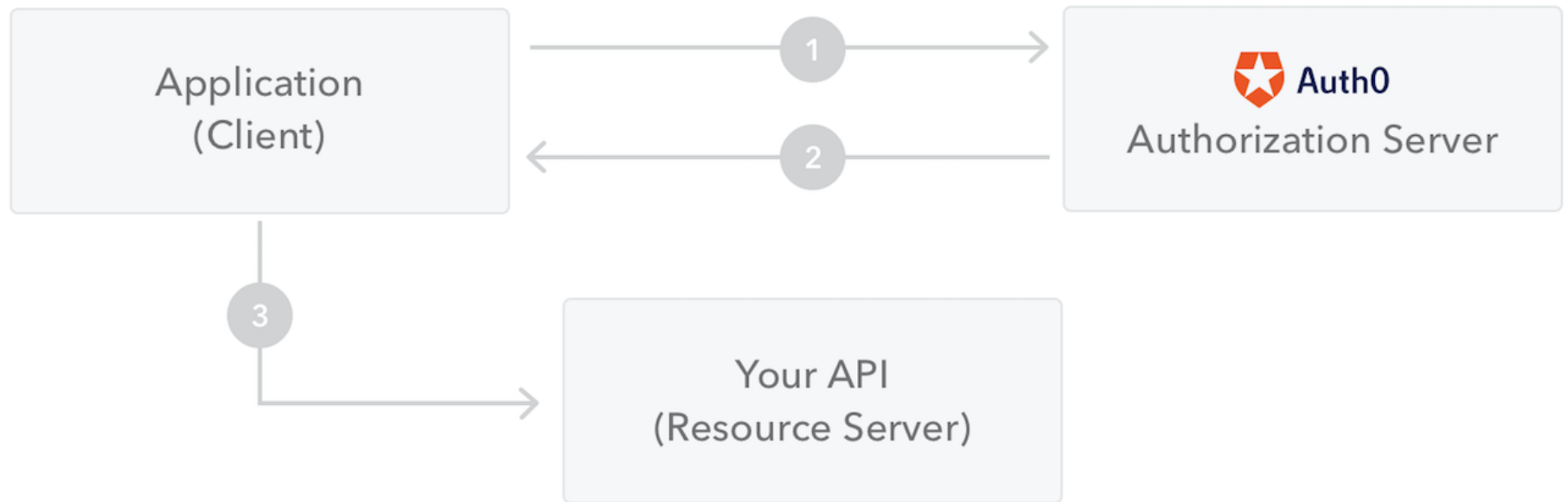
- Authorization code grant
- Implicit grant
- Resource owner credentials grant
- Client credentials grant
- Refresh token grant

Protocol flows

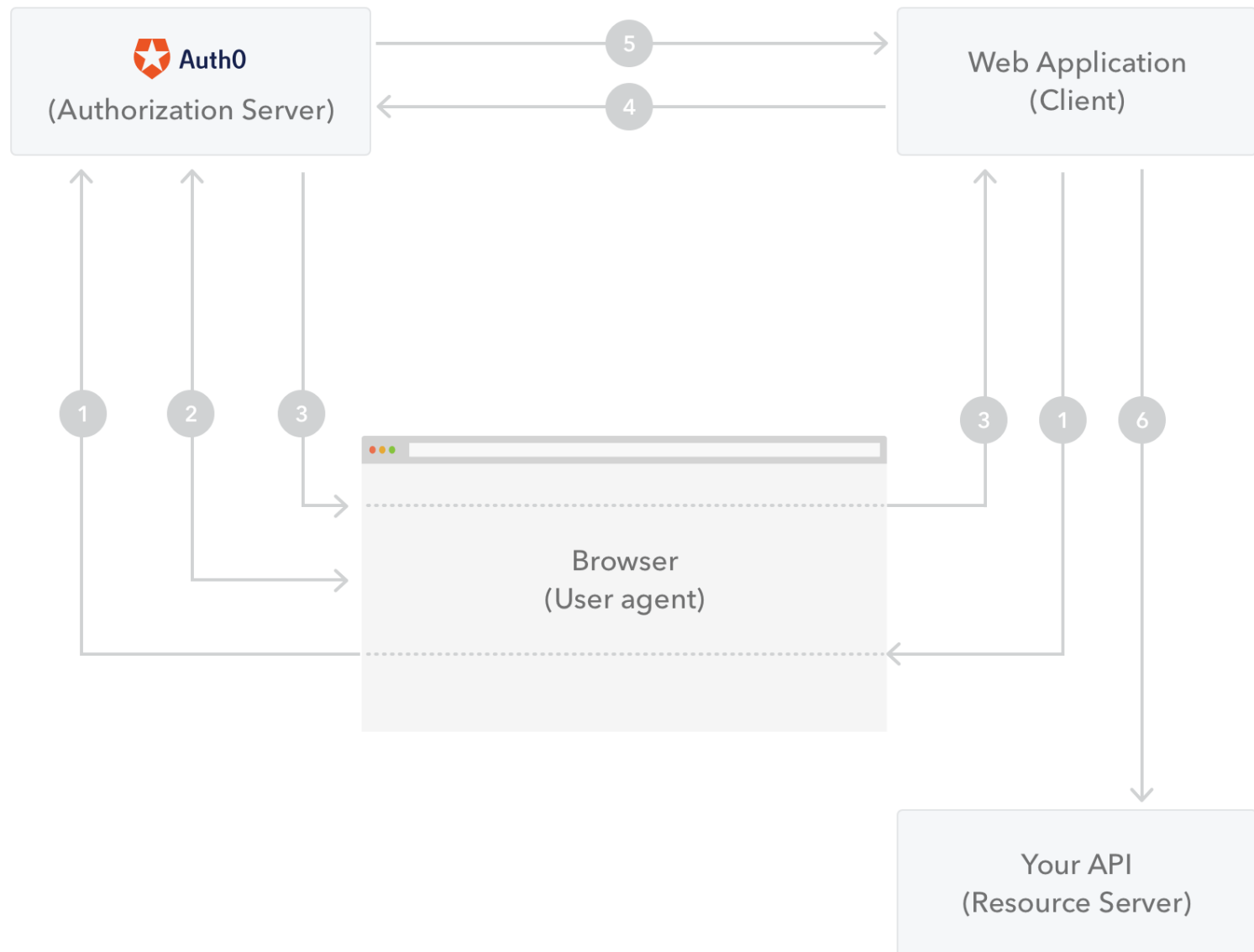
- Client Credential Grant
- Authorization Code Grant
- Implicit Grant
- Authorization Code Grant (PKCE)



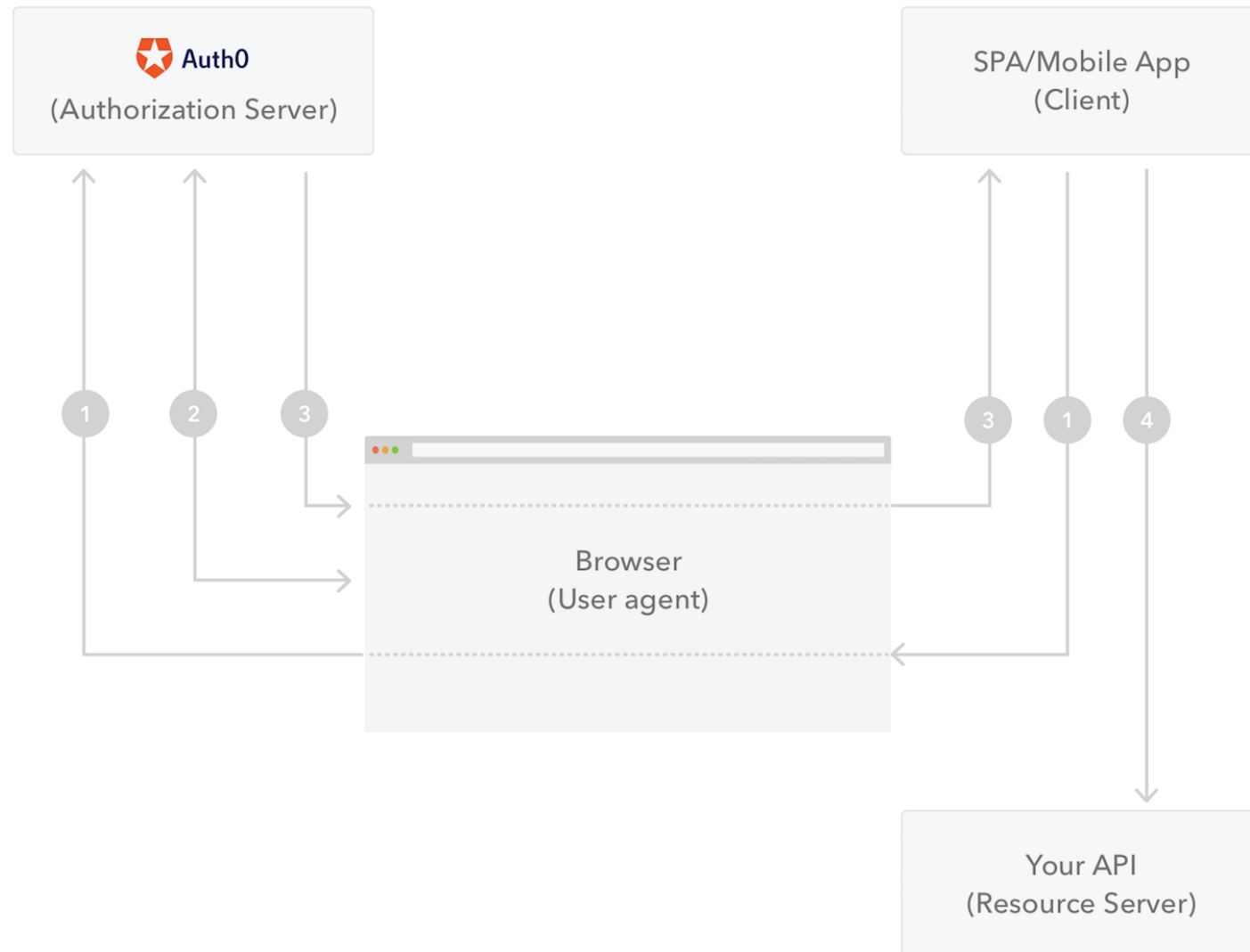
Client Credentials Grant



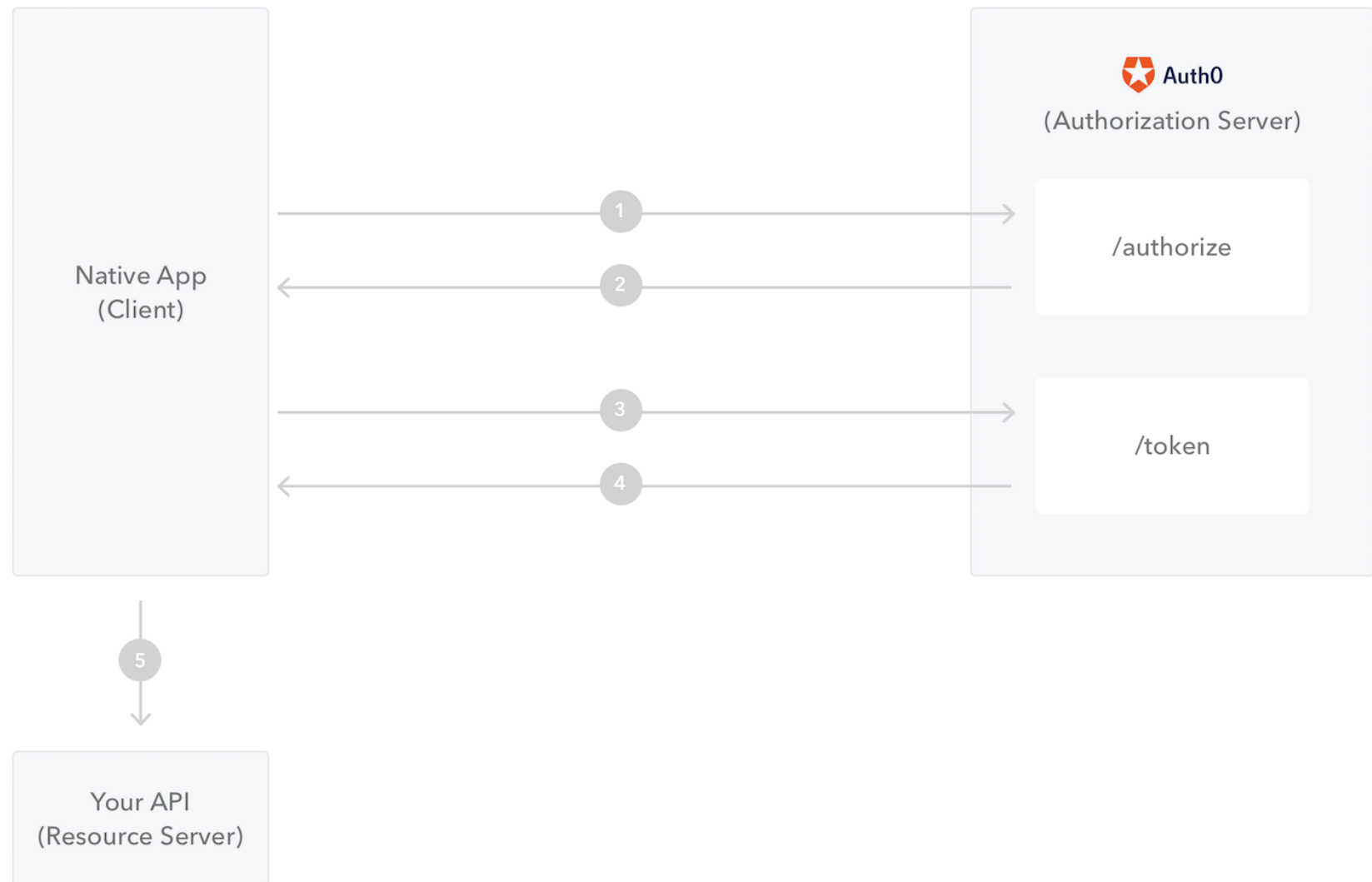
Authorization Code Grant



Implicit grant



Authorization Code Grant (PKCE)



JWT

- Header
- Claims
- Signature

Workshop registration

Workshop client

Workshop Client

```
facebook:  
  client:  
    clientId: 233668646673605  
    clientSecret: 33b17e044ee6a4fa383f46ec6e28eald  
    accessTokenUri: https://graph.facebook.com/oauth/access token  
    userAuthorizationUri: https://www.facebook.com/dialog/oauth  
    tokenName: oauth_token  
    authenticationScheme: query  
    clientAuthenticationScheme: form  
  resource:  
    userInfoUri: https://graph.facebook.com/me
```

Workshop client

```
facebook:
  client:
    clientId: 233668646673605
    clientSecret: 33b17e044ee6a4fa383f46ec6e28eald
    accessTokenUri: https://graph.facebook.com/oauth/access\_token
    userAuthorizationUri: https://www.facebook.com/dialog/oauth
    tokenName: oauth_token
    authenticationScheme: query
    clientAuthenticationScheme: form
    scope: email
  resource:
    userInfoUri: https://graph.facebook.com/me?fields=id,name,email
```