Configuring the front-end client

(Demo prep)

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Just like we did before with our Postman client, we need to add the proper IdentityServer configuration to define and authorize our front-end as a client that can access the REST APIs of our microservices.

In Play.Frontend

1. Explain the components\api-authorization directory

2. Explain AuthorizeService.js

3. Show OpenID Connect settings in ensureUserManagerInitialized()

In Play.Identity

1. Add front-end client to appsettings.Development.json:

```
"IdentityServerSettings": {
  "Clients": [
    {
      "ClientId": "frontend",
      "AllowedGrantTypes": [
        "authorization_code"
      ],
      "RequireClientSecret": false,
      "RedirectUris": [
        "http://localhost:3000/authentication/login-callback"
      ],
      "AllowedScopes": [
        "openid",
        "profile",
        "catalog.fullaccess",
        "inventory.fullaccess",
        "IdentityServerApi",
        "roles"
      ],
      "AlwaysIncludeUserClaimsInIdToken" : true
    },
```

```
  {
    "ClientId": "postman",
    …
  }
 ]
}
```

2. (OPTIONAL) Also add roles to Postman client:

```
  {
    "ClientId": "postman",
    …
    "AllowedScopes": [
      "openid",
      "profile",
      "catalog.fullaccess",
      "catalog.readaccess",
      "catalog.writeaccess",
      "inventory.fullaccess",
      "IdentityServerApi",
      "roles"
    ],
    "AlwaysIncludeUserClaimsInIdToken" : true
  }
```

3. Add roles in IdentityServerSettings.cs:

```
public class IdentityServerSettings
{
  …
  public IReadOnlyCollection<IdentityResource> IdentityResources =>
    new IdentityResource[]
    {
      new IdentityResources.OpenId(),
      new IdentityResources.Profile(),
      new IdentityResource("roles", new[] { "role" })
    };
}
```

4. Start Identity microservice

5. Browse to Login in front-end

6. Sign in as Admin

7. Logout

8. Notice the bad experience

In the next lesson we will fix the logout experience to ensure users return to the front-end portal after successfully signing out.