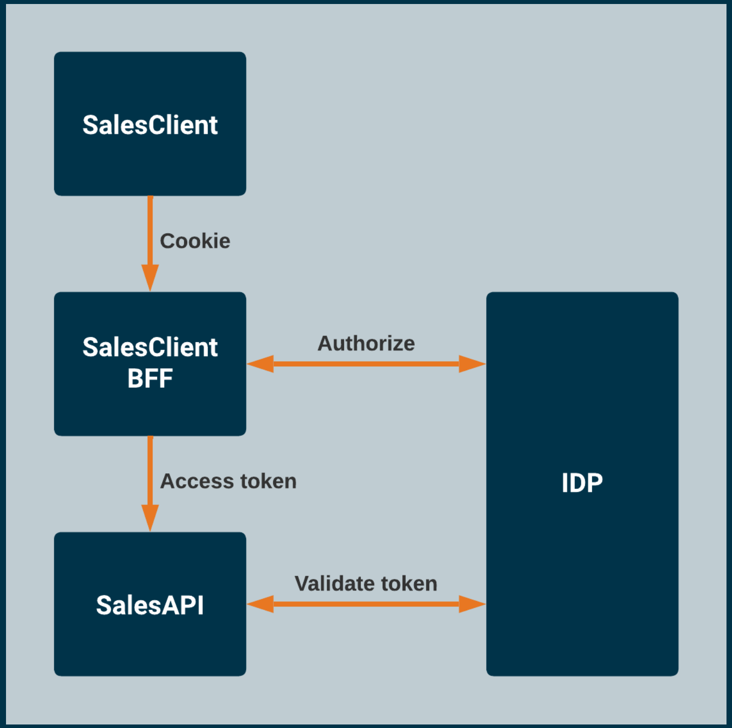
omega point.

Workshop Introduction

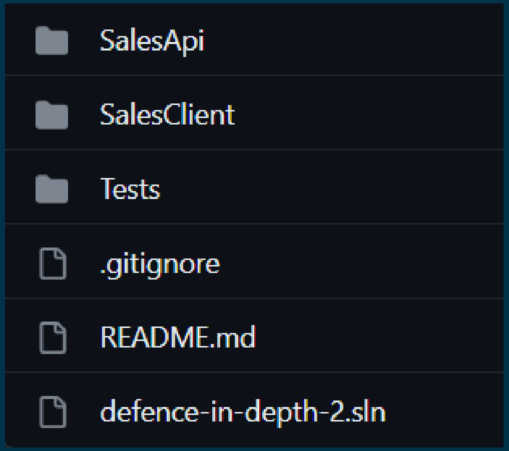
Defence in Depth

Workshop Contents

1. Securing the API
2. Testing the security of the API
3. Creating a secure client



Repository Structure



SalesApi

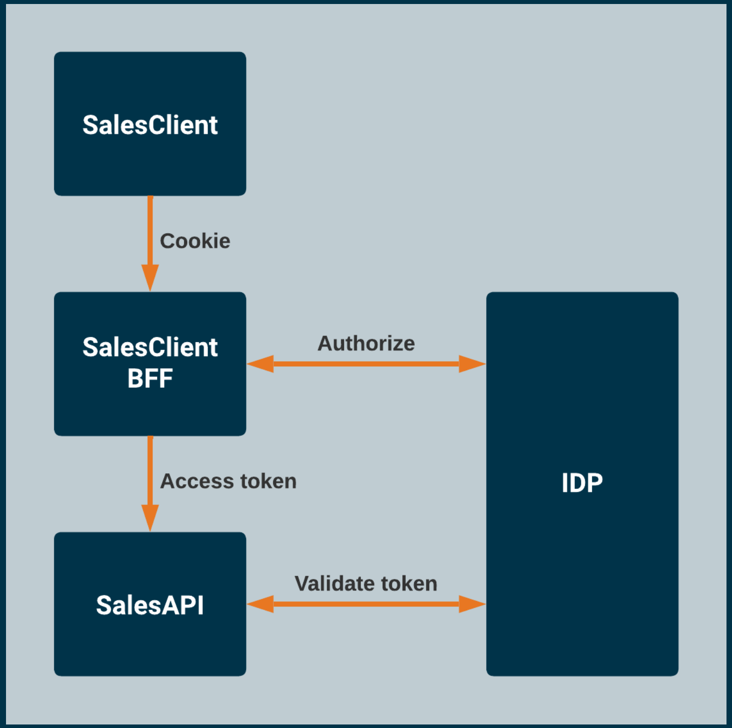
SalesClient

Tests

.gitignore

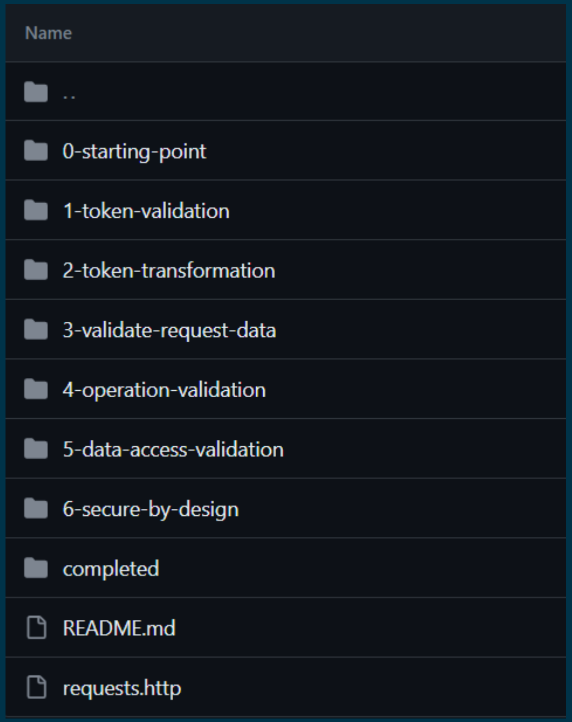
README.md

defence-in-depth-2.sln



Sales API

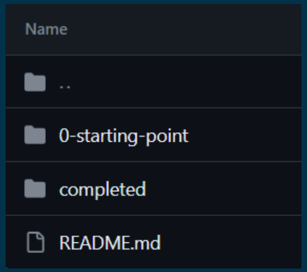
- Step-by-step solutions
- Start from next folder after each step
- No shame in having a peek at the spoilers



Name
..
0-starting-point
1-token-validation
2-token-transformation
3-validate-request-data
4-operation-validation
5-data-access-validation
6-secure-by-design
completed
README.md
requests.http

Tests

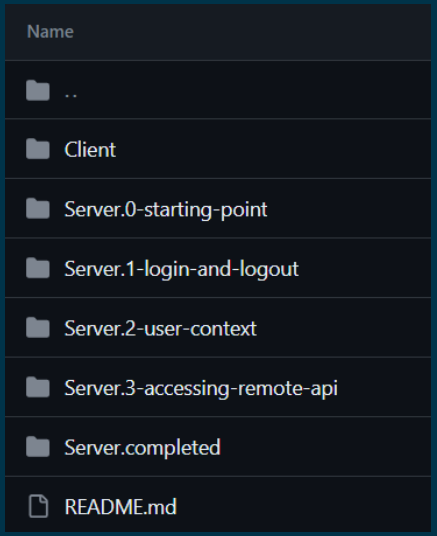
- Unit tests and Integration tests
- Spoilers available from the readme



Name
..
0-starting-point
completed
README.md

Sales Client

- BFF-server with Blazor frontend
- Step-by-step solutions
- To run the solution:
  1. Start the completed Sales API - `SalesAPI/completed/`
  2. Start the SalesClient Server (frontend starts automatically)



Name

..

Client

Server.0-starting-point

Server.1-login-and-logout

Server.2-user-context

Server.3-accessing-remote-api

Server.completed

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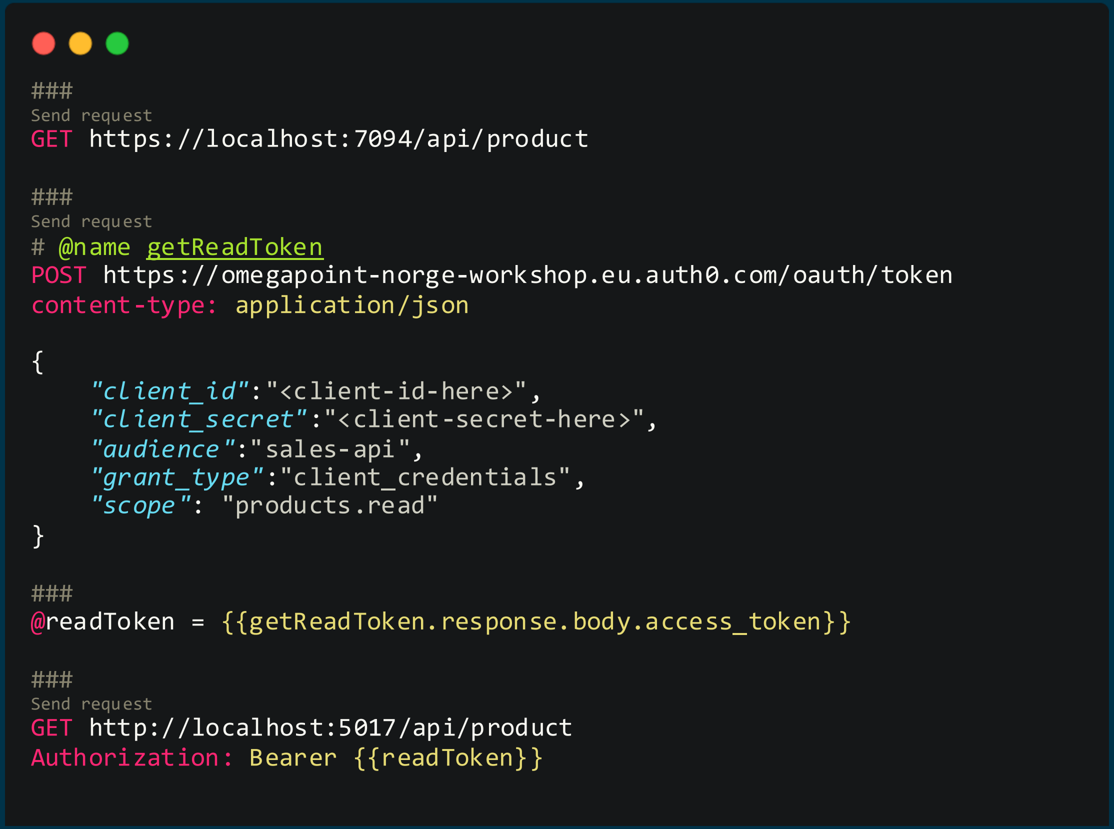
OPTIONAL

requests.http

- Install the VSCode extension: REST Client
- Send HTTP requests from VSCode
- Or use other tool of your choice to test manually



```
###
Send request
GET https://localhost:7094/api/product

###
Send request
# @name getReadToken
POST https://omegapoint-norge-workshop.eu.auth0.com/oauth/token
content-type: application/json

{
    "client_id":"<client-id-here>",
    "client_secret":"<client-secret-here>",
    "audience":"sales-api",
    "grant_type":"client_credentials",
    "scope": "products.read"
}

###
@readToken = {{getReadToken.response.body.access_token}}

###
Send request
GET http://localhost:5017/api/product
Authorization: Bearer {{readToken}}
```

TL;DR

- Start with Securing the Sales API
  - SalesAPI/0-starting-point/
- Continue with the Secure Client or Testing

Workshop: bit.ly/riverty-workshop

Client IDs and Secrets: bit.ly/riverty-secrets