Penetration Testing

A.A. 2024/2025

Assignment

Perform a VAPT analysis of the following Docker container: gabrielec/ptexam2

To download and launch the container, execute the following commands

```
docker pull gabrielec/ptexam2
docker run gabrielec/ptexam2
```

Engagement rules

Analyze the target container assuming it is a remote machine. The container is accessible at an IP address that depends on your docker configuration. Typically, it is located in the subnet 172.17.0.1/24 (e.g., 172.17.0.2).

Reports

Reports must be submitted to gabriele.costa@imtlucca.it with the subject: **[PT2025 Exam] Name1 Surname1 (and Name2 Surname2)**.

Reports can be either written individually or in teams of 2 students. The authors of the report must be <u>clearly</u> identified in the report text.

Submissions will only be accepted **before June 30th at 23:59.**

Submissions that do not satisfy these criteria will be rejected. To be admitted to the oral exam, the submitted report must be rated "sufficient".

Oral examination

The oral exam is mandatory. The final score will be assigned after the oral discussion.