Cybersecurity Management

University of Minho

Master's Program in Cybersecurity

2025/2026

Practical Lab Exercises #02

1 Questions

1. Read the paper "A Revised Framework of Information Security Principles", by André Teixeira and Filipe de Sá-Soares.

   Taking into account the definitions provided in Table 16 of the paper, watch the movie "Rogue Trader", directed by James Dearden.

   Identify the moments in the movie where you consider a breach of any of the requirements defined in Table 16 of the paper to have occurred. For this purpose, create a table with the following layout:

Time	Requirement	Explanation
⋮	⋮	⋮

   where Time indicates the moment (in hh:mm:ss format) when the breach occurs or is mentioned in the film; Requirement indicates the security requirement that was violated (as listed in Table 16); and Explanation provides a brief description of the incident in light of the applicable definition.

2 Deliverable

The deliverable for this assignment must be submitted as a PDF document formatted for A4 paper size. Each page should be numbered with Arabic numerals, right-aligned in the footer.

The first page of the deliverable must include the following information: name of the course, name of the academic institution, academic year, title of the pratical lab exercises,

and identification of the students. Student identification should follow the structure: student number, m-dash, full name of the student, m-dash, program the student is enrolled. The identification of each student must appear on a separate line. Students in a group should be listed in alphabetical order by full name of the student.

The answer must begin on a new page, corresponding to the question number. The answer may be written in Portuguese or English.

Failure to follow these directives will result in a grade of zero for the assignment.

Each student must submit the deliverable individually, using the submission channel provided in the course community on the University of Minho's e-learning platform, by the deadline specified on that platform.

Students who do not submit the deliverable will receive a grade of zero. Submission attempts by other means or after the deadline will be rejected outright.

Prof. Filipe de Sá-Soares
University of Minho, 2025