



Universitat
Oberta
de Catalunya

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In-Depth Activity

NETWORK ADMINISTRATION AND OPERATING SYSTEMS

Computer Engineering Degree

March 24, 2025



1 Description

In-depth activity is a mandatory individual activity that will be developed during the course of the semester and must be completed and submitted by the deadline established by the subject calendar.

The activity consists of delving into a topic (specified later in this statement).

1.1 Objectives

- Improve the ability to discriminate information
- Synthesis capacity
- Improve the ability to relate different concepts
- Creation of reports
- Search for information in current areas
- Ordering concepts in a coherent plot thread

1.2 Skills

- Written expression
- Critical reasoning of information
- Written production
- Ability to critically analyze information

2 Statement

In this activity, a written document (report type) must be prepared that develops the topic indicated below, and also a summary document (presentation type) that includes the most important concepts.

The topic to be worked on is: "THE DANGER OF RANSOMWARE TO ORGANIZATIONS: PREVENTION, PROTECTION AND RESPONSE"

Points to be covered:

- Introduction
- Prevention strategies
- Protection systems
- Response and recovery in the event of an incident



- Brief study of the solutions currently available on the market
- Conclusions and personal assessments

3 Methodology

Phases of developing a topic:

- Material Research: Through the Internet, the digital library, magazines, newspapers, books, or any other medium, research and documentation on the topic is carried out.
- Structuring: Once the information has been searched for, an initial structuring and a proposal for the index of the work can be made.
- Writing: When you have the information and knowledge, you have read and been informed, you know what to say and how you want to say it. Now you can start preparing the document and organize the information.

Very important: If exceptionally it is necessary to include some non-original part extracted from an external source, it must be clearly specified in the work by citing the source, so that it appears as an attachment and not as material developed by the student. In any case should fragments or entire documents be copied without due justification and reference to the source. The originality of the work will be particularly valued.

4 Formats

Two documents must be submitted, preferably in PDF format:

- Written document (report): A written document with an extension of approximately 3000 words.
- Synthesis document (presentation): A presentation-type document that synthesizes the work carried out, with an extension of between 10 and 15 slides. It is not necessary to record a video that slides the document.

5 Assessment

- In-depth activity is a mandatory individual activity.
- The grade for the activity must be at least 3.5 out of 10 to pass the overall grade for the subject. A lower grade or failure to submit the activity within the established deadlines will result in the overall grade for the subject failing.
- Total or partial plagiarism detected in the activity will result in a grade of 0.



- The use of artificial intelligence tools is not allowed in this activity. In the course plan and on the UOC website on academic integrity and plagiarism, you will find information on what is considered irregular conduct in the assessment and the consequences it may have.