MOCK-EXAM
TCP/IP NETWORKING
Not-graded

December 2020

OBJECTIVES:

- Test the student submission format and validate whether it is acceptable or not.
- Allow students to test their logistics for the final exam.

IMPORTANT NOTICE:

- During the real exam session, besides the logistics required for exam submission, students should be connected to the zoom session that we will create for this purpose (camera in NOT mandatory).

INSTRUCTIONS:

- Only clear handwritten answers will be accepted.
- You can write the answers
    - on papers and scan/take a photo of them (PDF or images)
    - on a tablet and generate electronic files of your handwritten answers (PDF or images)
- Please write the Problem/Question numbers in your answers.
- Submit the electronic file(s) (20 files max) of your answers through the "Submit Mock-Exam" activity on Moodle.

PROBLEM 1

1. In one sentence, why is "congestion control" necessary in communication networks?
2. What is the difference between "flow control" and "congestion control"?

PROBLEM 2

1. How many bits are there in an IPv4 address?
2. What are the differences between UDP and TCP?