

Tentti S-38.3153 Tietoliikenteen tietoturva

Exam S-38.3153 Security of Communication Protocols

13.1.2014

Put your name, student number, course code and date to each examination paper. This helps you to receive your credits in fast and reliable manner. Answers are accepted in Finnish, Swedish or in English. Answers are judged based on their quality and clarity.

You may bring any material on paper (book, notes, etc.) with you to the exam. No digital material.

1. You are working in a small startup that is in the process of developing a new type of battery that could beat anything on the market. Your company currently has 8 employees: CEO, a secretary that was just hired, 6 developers, and 2 lab assistants. You are one of the developers and the security of the company has been given to you.

Your company offices are in Innopoli. You have your own internal network where you have at least the following: server where development happens, webserver for external marketing and customers, and each employee has computers used for work. Your CEO travels a lot to meet with potential funders and customers and also participates in the development using his own laptop.

Write a security analysis for the company concentrating on network security and including the solutions you propose.

Grading: from 0-5

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