Introduction to Laboratory Assignments

Computer Security Course
EDA263 / DIT641

Chalmers University of Technology

January 19th, 2015

Introduction

Four laboratory assignments to

- treat some practical aspects of computer security
- practice written and oral presentation

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Topics

1. Identification and Authentication in Operating System (C Programming)
2. E-Mail Security using Gnu Privacy Guard
3. Vulnerability Scanning with OpenVAS
4. SQL Injection

Laboratory Sessions

During CW 2–6. . . (some exceptions, see Schedule in PingPong)

- Monday morning (8:00–11:45)
- Tuesday afternoon (13:15–17:00)
- Wednesday afternoon (13:15–17:00)
- Thursday evening (17:15–21:00)

Remote access using SSH is possible for some of the assignments
outside these session hours.
(More Info in PingPong - `pingpong.chalmers.se`)

Groups and Rooms

Laboratory Groups

- two students per group
- group assignment in PingPong
- each group signs up for one session per week
  - booking lists brought to lectures and laboratory sessions
  - on-line booking - `http://goo.gl/GK8khp`

Laboratory Rooms

- room 4220 and 4225, south wing in EDIT building

Reporting and Deadlines

As overall, the reporting requires:

1. Demonstration of your solution together with a (short) written report with answers to questions. (PingPong)
2. Answers to questions submitted by email (encrypted and signed). (E-Mail)
3. A (formal) written report. (PingPong)
   - Each report will only be considered for correction twice, i.e., **only one resubmission!**
4. Oral reporting during the laboratory session.

Deadlines

Assignment	Course Week	Deadline (Demo)	Deadline (Report)
1	2, 3	Thu Feb 5 (cw 3)	Sun Feb 15 (cw 4)
2	4		Sun Feb 22 (cw 5)
3	(3),4,5,6		Thu Mar 5 (cw 7)[a]
4	6		—

[a]For correction before exam.