# CTU CZECH TECHNICAL UNIVERSITY UNIVERSITY

### THESIS SUPERVISOR'S REPORT

#### I. IDENTIFICATION DATA

Thesis title: A Honeypot for Research on VoIP Systems Security

Author's name: Bc. Akshay Sharma

**Type of thesis:** master

**Faculty/Institute:** Faculty of Electrical Engineering (FEE) **Department:** Department of Telecommunication Technology

**Thesis reviewer:** Ing. Pavel Troller, CSc.

**Reviewer's department:** Department of Telecommunication Technology

#### II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment challenging

How demanding was the assigned project?

Please insert your comments here.

# Fulfilment of assignment fulfilled

How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.

Please insert your comments here.

#### Activity and independence when creating final thesis

# B - very good.

Assess whether the student had a positive approach, whether the time limits were met, whether the conception was regularly consulted and whether the student was well prepared for the consultations. Assess the student's ability to work independently.

The student was active, with enough consultations demanded by the student.

Technical level B - very good.

Is the thesis technically sound? How well did the student employ expertise in his/her field of study? Does the student explain clearly what he/she has done?

The thesis reflects very good knowledge of the student in the fields of computer and telecommunications security and good knowledge of scripting and general programming techniques.

#### Formal level and language level, scope of thesis

#### A - excellent.

Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?

The thesis is organized logically, chapters cover closed logical blocks, paragraphs are numbered properly.

#### Selection of sources, citation correctness

#### A - excellent.

Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?

I didn't find any serious problems with citations, there is a lot of relevant sources stated in the thesis.

#### Additional commentary and evaluation (optional)

Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.

In general, the thesis fullfills the assignment and the student conclusions are generally correct. However, there are some mistakes in particular details, which make some results unreliable. For example, the dialing prefixes are not analyzed and removed during the target destination analysis, which causes wrong country codes to be reported.



# THESIS SUPERVISOR'S REPORT

# III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Summarize your opinion on the thesis and explain your final grading.

The grade that I award for the thesis is  $B\mbox{ - }very\mbox{ good.}$ 

Date: 21.1.2022 Signature: