

## Review of Bachelor's Thesis

**Student:** Pilátová Kateřina  
**Title:** IP Address Activity Monitoring (id 18820)  
**Reviewer:** Krobot Pavel, Ing., UPSY FIT VUT

- 1. Assignment complexity** **more demanding assignment**  
There was implemented a Nemea module for gathering information about IP addresses together with graphical user interface. Creation a complex system which parts have a different characteristics and requires usage various technologies makes this thesis rather harder than average thesis.
- 2. Completeness of assignment requirements** **assignment fulfilled**  
All items of the assignment were fulfilled successfully.
- 3. Length of technical report** **in usual extent**
- 4. Presentation level of technical report** **80 p. (B)**  
Text of the technical report is logically structured. Explanation of the subject is well supported with pictures, code snippets etc. Some chapters are rather shorter, some contains too many details.
- 5. Formal aspects of technical report** **75 p. (C)**  
There are some typographic mistakes in the text. Whole thesis is written in English but used language is rather simple and with small mistakes.
- 6. Literature usage** **85 p. (B)**  
Used literature is relevant to the subject of the thesis. All literary sources were cited well.
- 7. Implementation results** **90 p. (A)**  
Implemented Nemea module and GUI is fully functional. It allows monitoring IP address activity and visualizing and manually analyzing this information in the GUI.
- 8. Utilizability of results**  
This thesis is mainly implementational. Created program is useful for network administrators and analysts.
- 9. Questions for defence**  
Is the created system deployed in some production network (or is planned to)?
- 10. Total assessment** **85 p. very good (B)**  
I consider this thesis as successful. The student had to study different technologies to design and implement complex system for monitoring and visualizing IP address activity. Whole work is well described in the technical report. Created system is useful for network administrators and analysts.

In Brno 31. May 2016

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