

Review of Bachelor's Thesis

Student: Beneš Dalibor
Title: DDoS Mitigation Configuration Tool (id 24817)
Reviewer: Vrána Roman, Ing., DCSY FIT BUT

1. **Assignment complexity** **average assignment**
The assignment is considered average difficulty and emphasises a proper design and implementation of the described toolset.
2. **Completeness of assignment requirements** **assignment fulfilled**
The assignment has been fulfilled to its full extent.
3. **Length of technical report** **in usual extent**
The length of the thesis is within expected extent.
4. **Presentation level of technical report** **90 p. (A)**
The thesis is very well structured. Theoretical parts provide plenty of information to understand the field without being overwhelming for the reader. Documentation of the design is exceptionally detailed and the description of the implementation is very informative.
5. **Formal aspects of technical report** **89 p. (B)**
The thesis is written in English language at a very good level. There are very occasional typos and some minor instances of text that could potentially be phrased better.
6. **Literature usage** **90 p. (A)**
The thesis provides plenty of well-referenced resources.
7. **Implementation results** **90 p. (A)**
The implemented solution is fully functional and is currently actively utilised. Source code is easy to navigate and well documented.
8. **Utilizability of results**
The result of the thesis is fully usable and is being already utilised as a part of DCPro DDoS Protector package.
9. **Questions for defence**
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10. **Total assessment** **90 p. excellent (A)**
The goal of the thesis was to design and implement a tool for configuring the device for protection against DDoS attacks and a tool to obtain statistical data from the device. The tools were designed in great detail and implemented. The functionality of the solution is demonstrated by the deployment of the tool. Documentation is also very well written and any mistakes are mostly cosmetic. I propose **A - Excellent** as a final mark.

In Brno 2 June 2022

Vrána Roman, Ing.
reviewer