



UNIVERSITY OF NEW BRUNSWICK
Faculty of Computer Science
Network Security (CS4415-CS6415) – Winter 2022
Assignment (8) – DDoS by Bot



Due date/time: Friday, April 1, 2022 at 11:59 PM

Total Marks: 20 pts.

The main goal of this assignment is to evaluate your understanding of the Bot and DDoS attacks and develop a multi-layer attack.

Request:

In handouts 9 and 10 we learned who can execute a DDoS attack and prepare a Botnet. Here we want to write a DDoS attack module in the Bot agent and execute it through Bot. You can write your DDoS attack module and copy that in the **Ares/agent/python/module** folder in Ares bot.

Presentation Instructions:

- Turn on the Attacker-Kali (Follow the handout 10)
- Install the Ares bot-master
- Turn on the Victim-Windows (Follow handout 9)
- Install the XAMPP and start Apache Web-server (192.168.1.2)
- Turn on the Victim-Ubuntu (Follow the handout 10)
- Be sure that your DDoS module is on the write folder
- Go to the Bot-master and select the bot
- Write this command in the “Run on selection” textbox
slowloris 192.168.1.2
- The Web-server should be down after 5 seconds