

CIS*3210
Assignment 4
Deadline: Friday, November 30, 9:00am

Weight: 10%

Description

This is a research-based assignment that expands the network security topics covered in this course. **You must complete this assignment in teams to two to four.**

For this assignment, you will need to write a short research paper that covers **two (2)** different types of Distributed Denial of Service (DDOS) attacks. For every attack, include a description of the attack mechanism, one or two real-life examples (including dates and targets), and approaches to attack prevention/mitigation. Try to link each attack with the topics covered in this course, e.g. the specifics of various protocol implementations.

Your paper must be no longer than two pages in length, not including references, so each attack should take about 1/2 of a page. At the start of the paper, include a brief introduction explaining what DDOS attacks are. Include a short conclusion wrapping up the paper at the end. Use a 10-12pt. font, single-spaced.

Your sources of information (references) must be white paper level and above - e.g. white paper publications by various companies and public institutions, magazines, textbooks, as well as academic publications such as journal and conference articles. You can use Wikipedia to support **one** specific point. However, you cannot use it as the sole source for any one attack.

Cite references in your text supporting all the information that you present. Include a References section listing all your sources. The References section does not count towards the overall number of pages. You can include them on a separate page, if you wish. Use the APA reference/citation format (<https://owl.english.purdue.edu/owl/resource/560/01/>). Make sure you include the URL and retrieval date for all of your electronic sources.

Submission

Submit one paper per team to Moodle in **PDF** format. Make sure you list all authors in the paper.