

## Research Attacks

### Part 1

You are to research 3 different specific attacks, such as a SYN Denial of Service (DOS) and not just DOS. For each attack, write a brief summary that includes:

- Explanation
- How to execute attack (may utilize tools)
- How detect the attack

Be prepared to discuss the attacks in class.

### Part 2

You will also identify one complex attack (consisting of multiple simple attacks), such as a man-in-the-middle (MITM) attack. You will draw an attack tree, using diagramming software, for the complex attack.

### Part 3

Identify one tool that can be used to launch an attack. Write a brief summary about the tool including:

- URL to download the tool
- Installation requirements (OS, software, etc.)
- Brief summary
- Attacks tool can launch

Be prepared to discuss the attacks in class