

Introduction

Trogawa Inc. is a successful and expanding company providing various SaaS services for video and movie editing for major Hollywood brands and Influencers alike.

A network administrator recently detected and recorded suspicious HTTP traffic from an external IP 154.49.2.126. He now asks you to analyze the recorded traffic.

Download the PCAP file from **RESOURCES** and check its integrity by calculating and comparing the MD5 checksum.

MD5 (c6-traffic.pcap) = b0291d462b12b3e5ee29d4affaf6d879

Goal and Tasks

Analyze the given network traffic and answer to the following questions in a written report:

- Analyze the connection establishments between the client and the server within the first 20 seconds.
- What type of request does the client send repeatedly after a connection has been established?
- What kind of attack is being carried out here? Categorize and characterize the attack as a DoS attack.
- Analyze the information about the user agent that the client claims to use. Specify the operating system and browser.
- Which security goal is being defeated according to the CIA Triad?
- Which threat actor goal is being achieved according to the DAD Triad?

Submission

Submit a written report as PDF document with your answers. Make sure that your answers can be clearly assigned to the question numbers in the goal and task section.