SAE1.05

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**Program User Manual**

Objective:

The purpose of this program is to analyze a network dump file, extracting and processing information about the IP packets exchanged. It corrects the source and destination addresses, counts the number of packets for each address, and then generates CSV and HTML files for easy viewing of the results.

1. **Select the network dump file:**

• At runtime, a dialog box appears to allow the user to select the network dump file to scan.Une image contenant texte, Police, capture d’écran

Description générée automatiquement

1. **Processing the dump file:**

• The program goes through each line of the dump file, extracts the source and destination addresses, and makes corrections to the names.Une image contenant texte, capture d’écran, Police

Description générée automatiquement

1. **Saving the results in CSV files:**

• The results are saved in two separate CSV files: "source.csv" and "destination.csv".Une image contenant texte, capture d’écran, Police

Description générée automatiquement

1. **Generation of HTML tables:**

• The program creates HTML tables from the extracted data, with a "Suspicious" indication if the number of packets is high.

Une image contenant texte, capture d’écran, Police, menu

Description générée automatiquement

1. **Visualization of the results:**

• The results are displayed in HTML files ("tables.html") that the program opens automatically in the default web browser.



**Examples:**

• Example of address correction:

Une image contenant texte, Police, capture d’écran, nombre

Description générée automatiquement

• Sort results in descending order:

