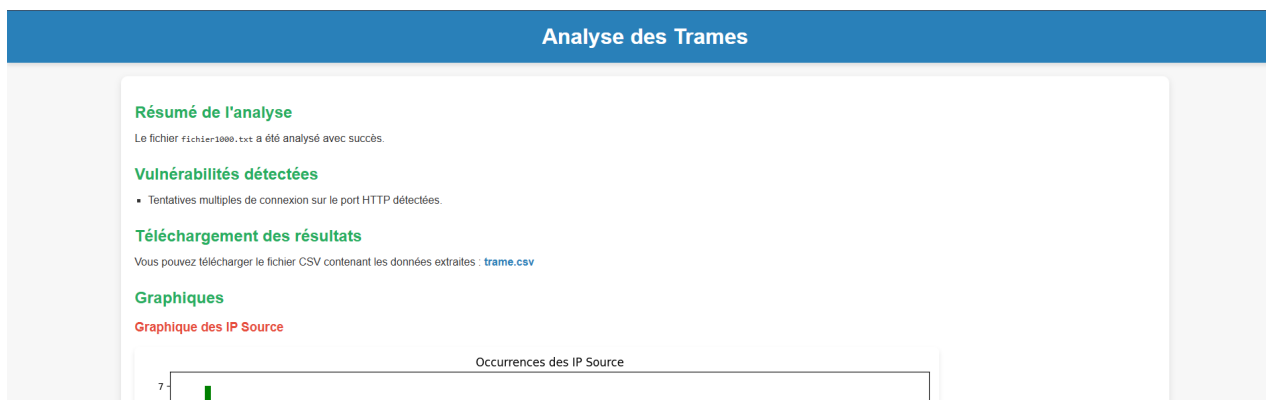


# Sowtware User Manual Analyzer



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## I. SOFTWARE PRESENTATION

The Analyzer Software is easy to use software that allows you to analyze the results of the TCPdump command.

- The software cannot work if the result of the TCPdump command is not in a text file.

## II. COMPUTER REQUIREMENTS

- Choice of screen

- o Minimum diagonal : 15 inches.
- o Minimum resolution 1366 x 768.
- o If the diagonal of the screen is greater than 15.4 inches, favor a definition of at least 1920x1080.

- Computer choice

- o Processor : At least Intel 'Core i3' (Desktop) : At least Intel 'Core i5' (Mobile).
- o 8 GB of RAM required.
- o Hard Drive : an SSD is recommended.
- o Windows 7,8,10 or 11 Pro 64bits.
- o Internet connection.

- Software prerequisites

- o Windows up to date (Microsoft Update).
- o Python 3.13.1.

## III. SOFTWARE INSTALLATION

### 1. Installation

- Install with this link  
<https://github.com/noa-etudiant/SAE105-projet.git>
- Extract the « SAE105-projet.zip ».
- Open the folder created by extracting the archive.

### 2. Software launch

- Run the « main.py » installer.

(The necessary libraries are installed directly).

## IV. USE OF THE SOFTWARE

### 1. Launch and perform analysis

- Put the text file of the TCPdump command to analyze in the software directory.
- Once the software is launched, choose your file from the suggestions.

(If the file has been analyzed messages to confirm the generations have taken place otherwise there is an error).

### 2. Results

- In the 'results' directory open the « analyse\_trames » html file.
- On this page you will find a summary of the analysis :
  - Vulnerabilities detected.
  - A table named « trame.csv » containing the extracted data.
  - Two analysis graphs

## **V. SOFTWARE UPDATE**

If updates take place they will be available on the same installation link, you just need to reinstall the new version of the software.