Intro - Wireshark: The Basics

https://tryhackme.com/room/wiresharkthebasics

Opgaveinformation

Opgavens formål at opnå basisk viden om Wireshark.

Opgave + løsning

Task 1 - Introduction

Which file is used to simulate the screenshots?

- Svar: http1.pcapng

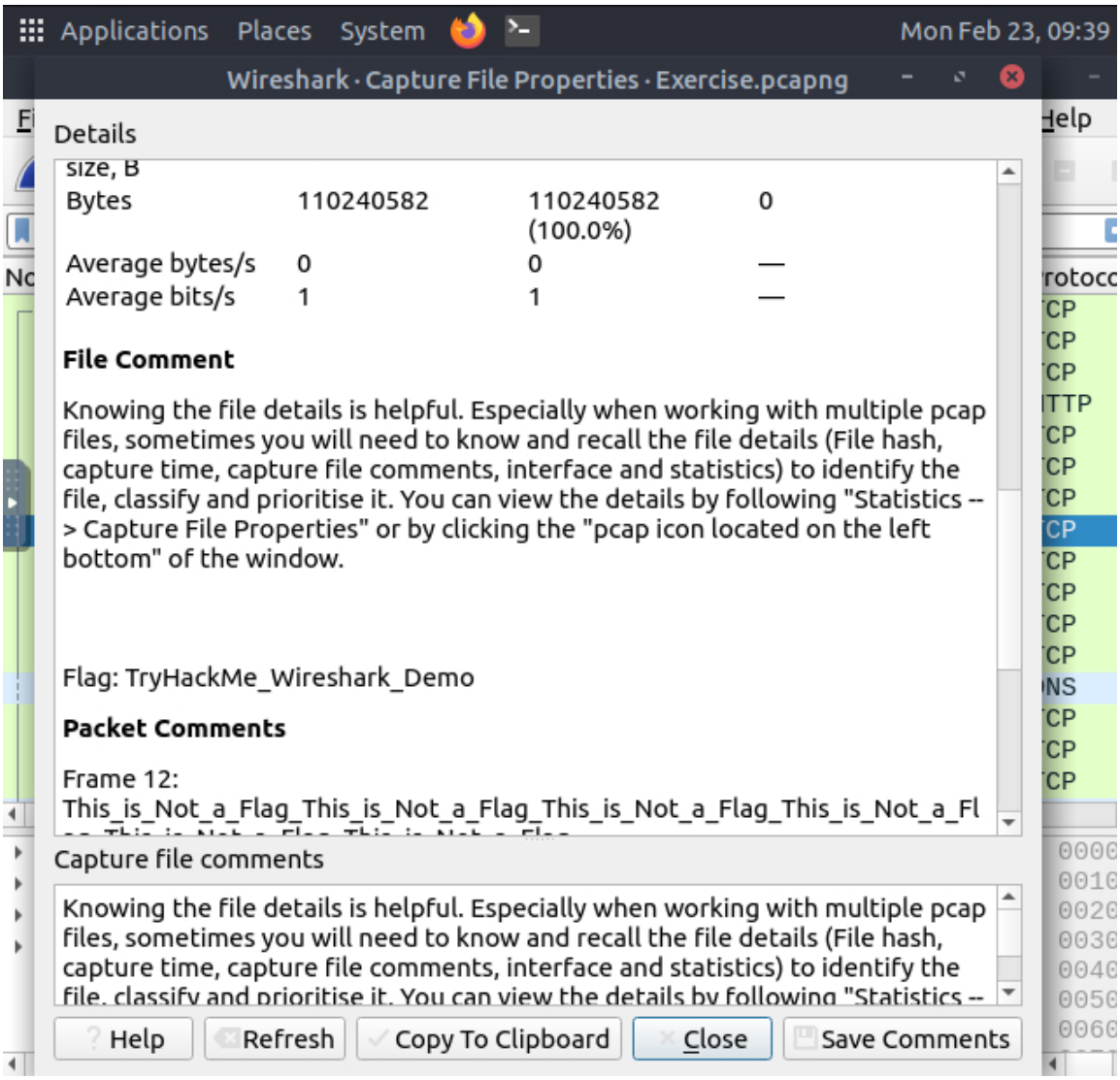
Which file is used to answer the questions?

- Svar: exercise.pcapng

Task 2 - Tool Overview

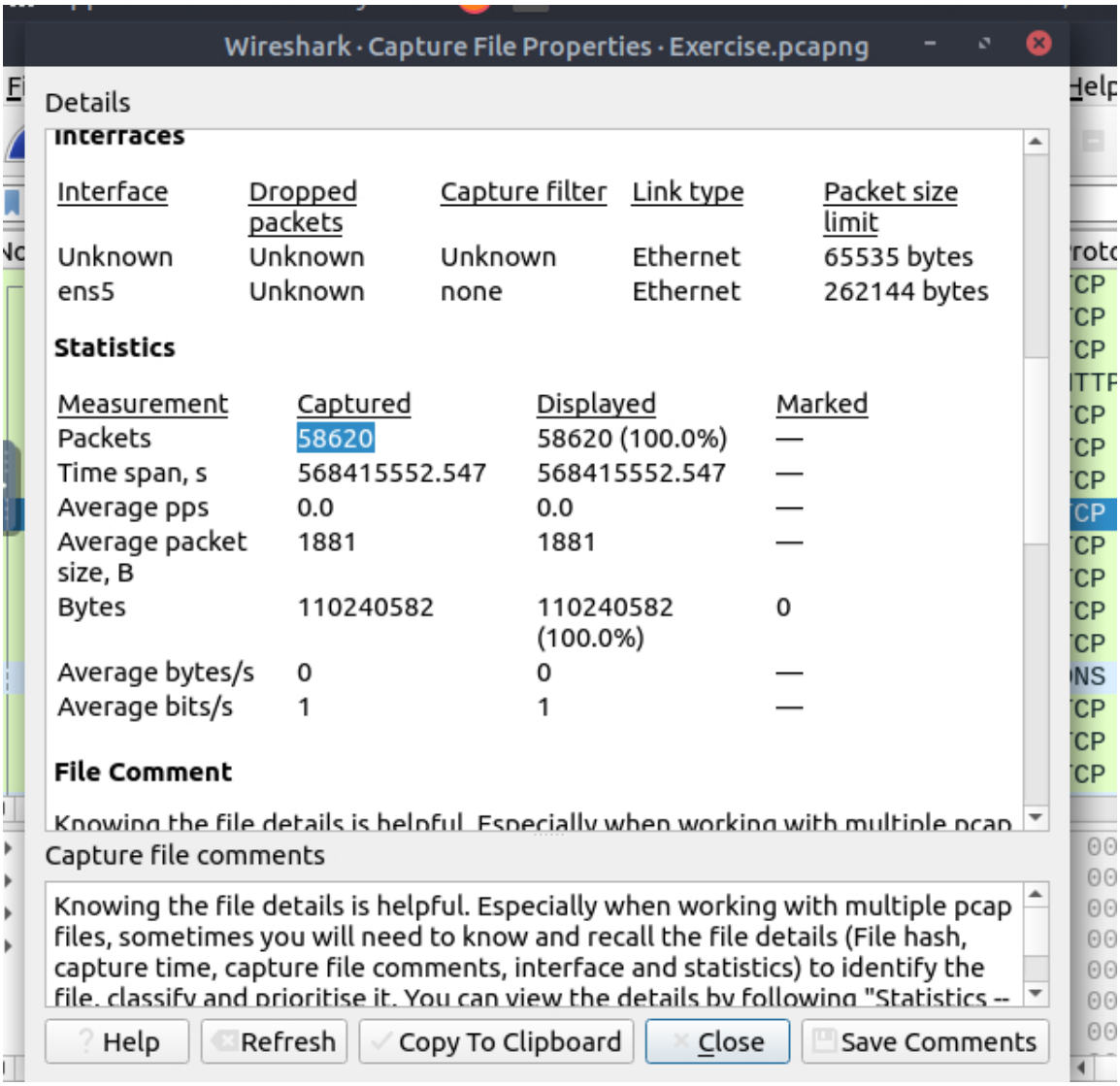
Use the "Exercise.pcapng" file to answer the questions. Read the "capture file comments". What is the flag?

- Åben filen
- Gå ind i: Statistics -> Capture File Properties
- Svar: TryHackMe_Wireshark_Demo



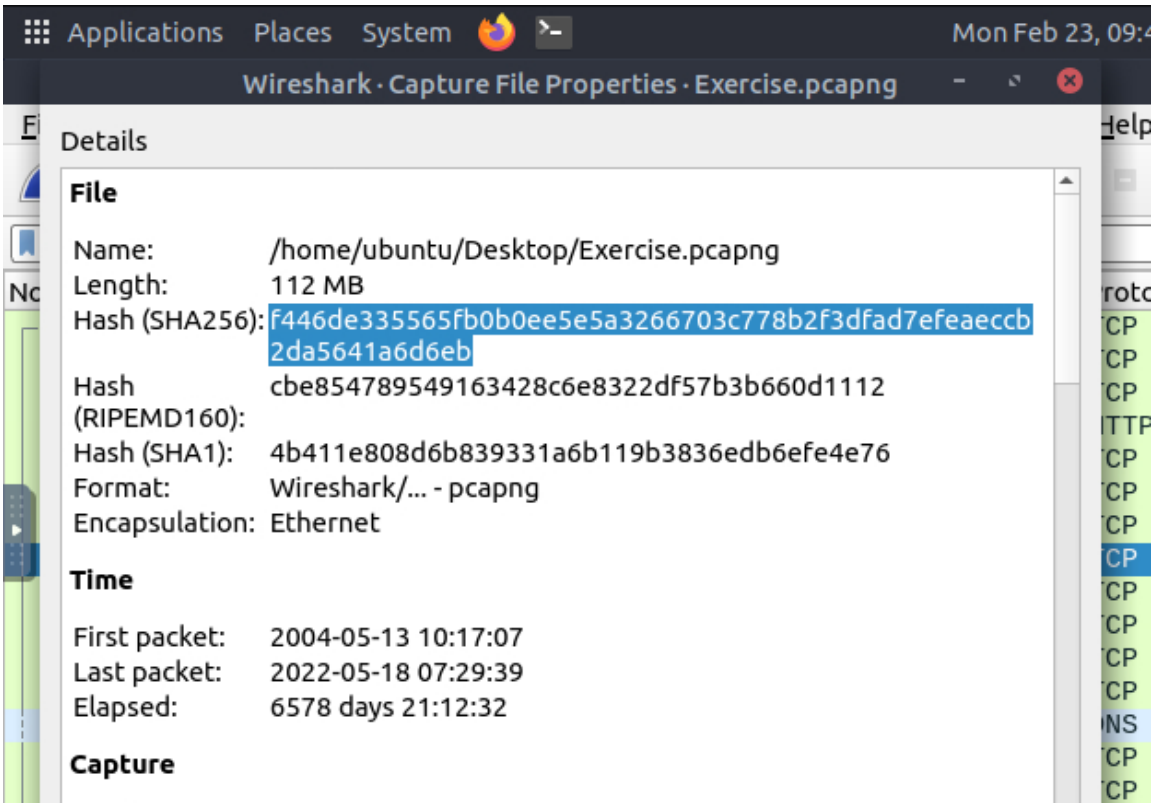
What is the total number of packets?

- Gå ind i: Statistics -> Capture File Properties
- Svar: 58620



What is the SHA256 hash value of the capture file?

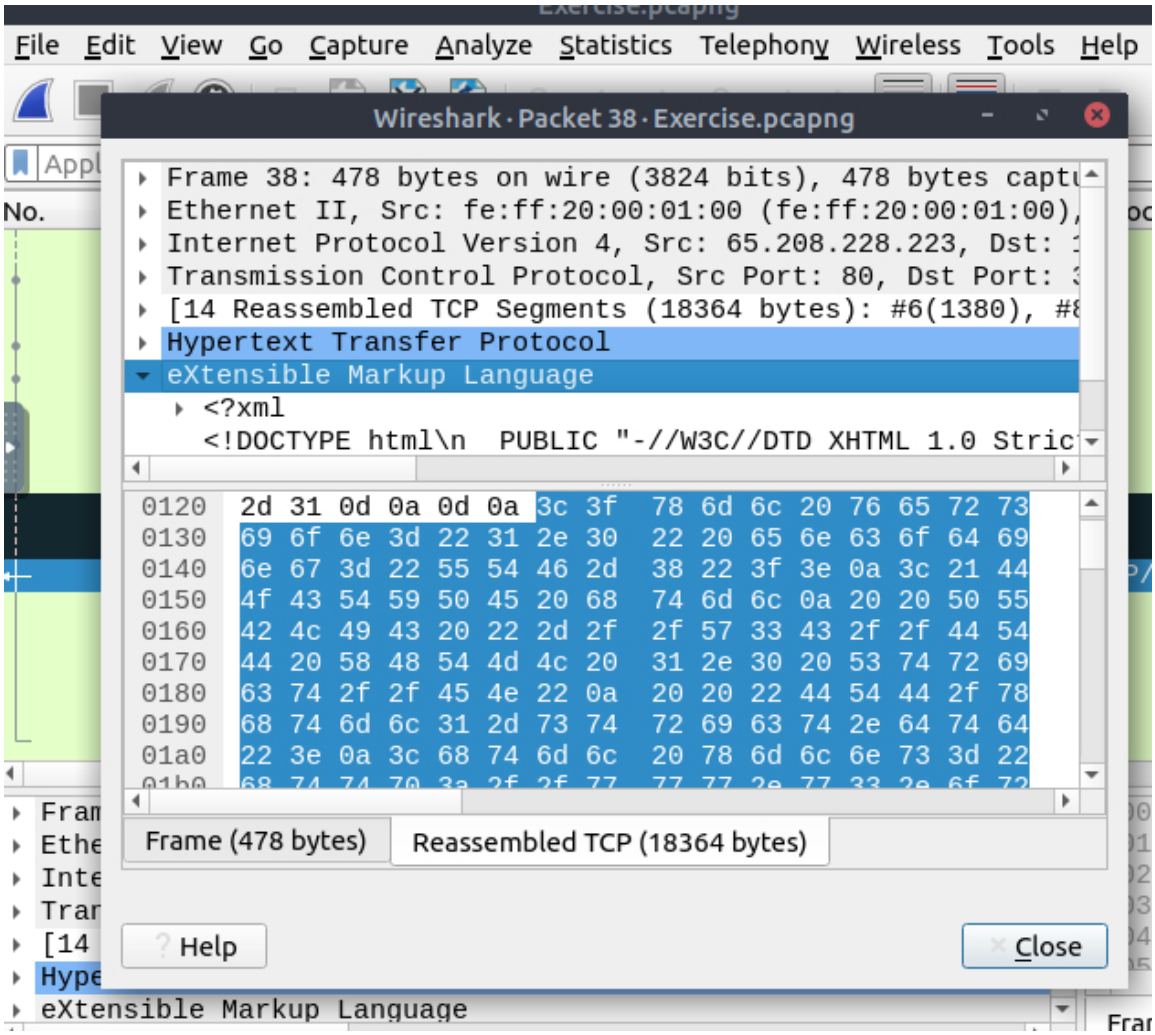
- Svar: f446de335565fb0b0ee5e5a3266703c778b2f3dfad7efeaeccb2da5641a6d6eb



Task 3 - Packet dissection

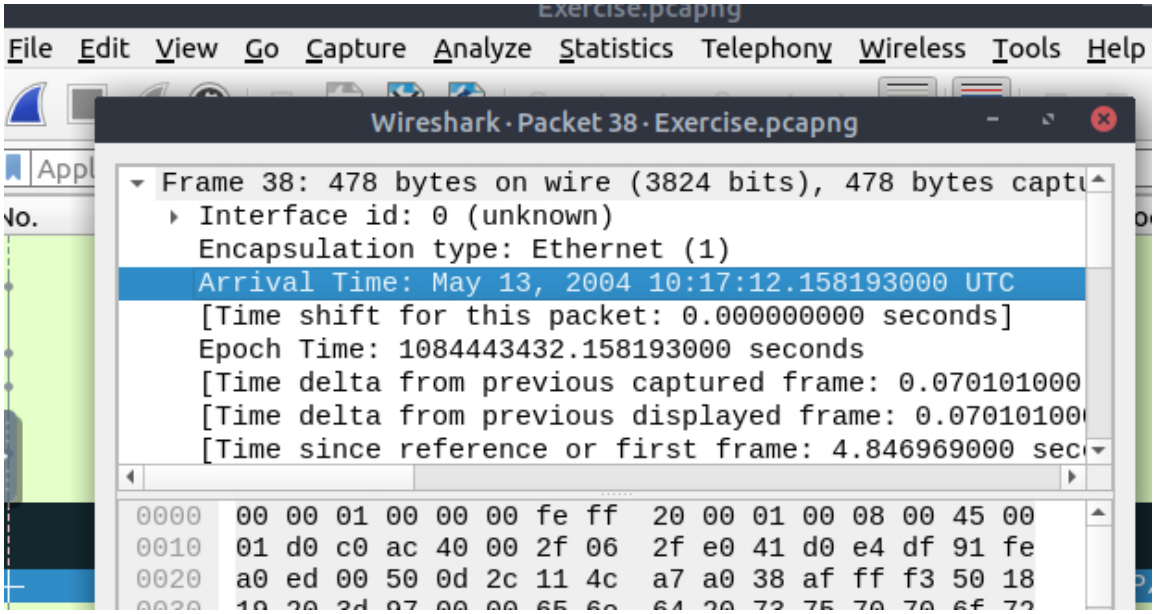
Use the "Exercise.pcapng" file to answer the questions. View packet number 38. Which markup language is used under the HTTP protocol?

- Svar: eXtensible Markup Language



What is the arrival date of the packet? (Answer format: Month/Day/Year)

- Svar: 05/13/2004



What is the TTL value?

- I samme menu som ovenfor, led efter "Time To Live"
- Svar: 47

What is the TCP payload size?

- I samme menu som ovenfor, led efter "TCP Payload"
- Svar: 424

What is the e-tag value?

- I samme menu som ovenfor, led efter "ETag"
- Svar: 9a01a-4696-7e354b00

Task 4 - Packet navigation

Use the "Exercise.pcapng" file to answer the questions. Search the "r4w" string in packet details. What is the name of artist 1?

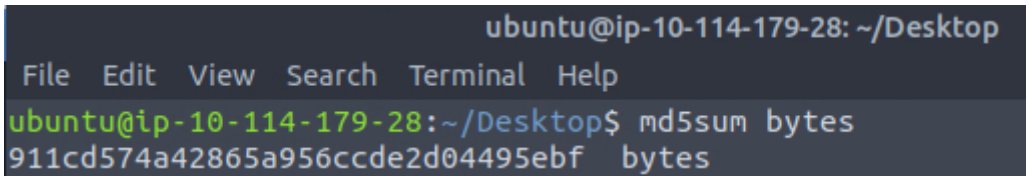
- Svar: r4w8173

Go to packet 12 and read the packet comments. What is the answer? Note: use `md5sum <filename>` terminal command to get MD5 hash

- Packet 12 comment:

```
Go to packet number 39765
Look at the "packet details pane". Right-click on the JPEG section and
"Export packet bytes". This is an alternative way of extracting data from a
capture file. What is the MD5 hash value of extracted image?
```

- Svar: 911cd574a42865a956ccde2d04495ebf



There is a ".txt" file inside the capture file. Find the file and read it; what is the alien's name?

- Gå til: file > export objects > http
- Svar: PACKETMASTER

Look at the expert info section. What is the number of warnings?

- Svar: 1636

Task 5 - Packet filtering

Use the "Exercise.pcapng" file to answer the questions. Go to packet number 4. Right-click on the "Hypertext Transfer Protocol" and apply it as a filter. Now, look at the filter pane. What is the filter query?

- Svar: http

What is the number of displayed packets?

- Svar: 1089

Go to packet number 33790, follow the HTTP stream, and look carefully at the responses. Looking at the web server's response, what is the total number of artists?

- Svar: 3

What is the name of the second artist?

- Svar: Blad3

2026-02-23 10:37:04