Heartgram Catastrophe : Networking - Caught the Lovebug

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Description

This is a challenge in which players have to find a flag in an HTTP GET request. Players will have one pcap file to analyze, heartgrams.pcapng.

Github Path:
Capture_the_Flame_2026/Reverse_Engineering/Heartgram_Catastrophe

Prompt

Disaster has struck! Someone wrote you a heartgram but they all got mixed up inside this pcap file. Can you find the right heartgram?
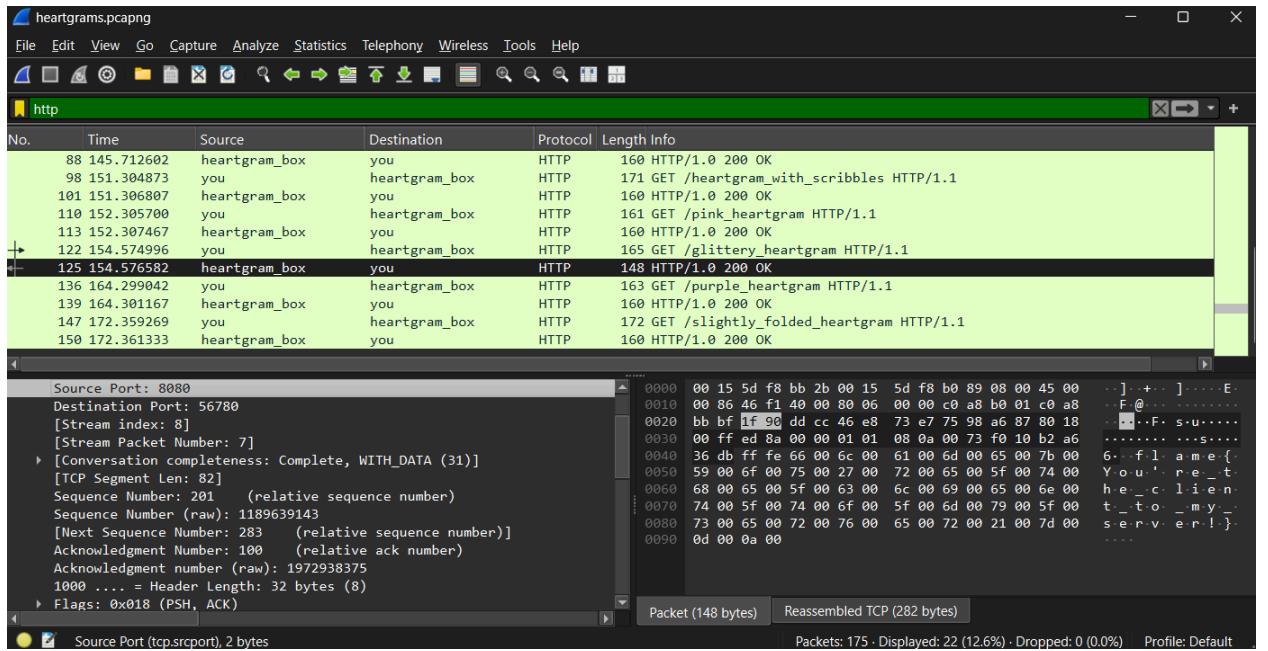
Hints

1. Try filtering for HTTP communication
2. Find the packet contents. What's inside the binary?

Solution
DETAILED WRITEUP:

1. The flag is in the packet binary of the responding 200 OK request for the GET /glittery_heartgram (bottom right pane).

Flag

flame{You're the client to my server!}