

## GitHub 25MB pcap upload issue & solution

### Split Large Capture File for GitHub Upload

#### Problem

GitHub does not allow uploading individual files larger than **25 MB** in a normal repository without using Git LFS.

My Wireshark capture file (network-capture.pcapng) was larger than this limit.

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#### Solution – Use editcap to Split the PCAP File

editcap is a utility that comes with Wireshark. It allows you to split a .pcap / .pcapng file into smaller chunks based on the number of packets.

#### Step-by-Step Guide

##### 1. Verify editcap is Installed

1. Open **Command Prompt** (Windows).
2. Type: `editcap -v`
3. If you see the version info, it's installed and ready.

##### 2. Prepare File Paths

- **Wireshark install folder:**  
C:\Program Files\Wireshark\
- **My PCAP file location:**  
G:\Internship\Task 5\network-capture.pcapng

##### 3. Run the Split Command

In Command Prompt, paste this command **exactly**:

```
"C:\Program Files\Wireshark\editcap.exe" -c 20000 "G:\Internship\Task 5\network-capture.pcapng" "G:\Internship\Task 5\chunk_%03d.pcapng"
```

#### What it does:

- `-c 20000` → creates a new file every **20,000 packets**.
- `chunk_%03d.pcapng` → output files will be named:
  - `chunk_000.pcapng`

- chunk\_001.pcapng
- chunk\_002.pcapng
- we can lower 20000 (e.g., 15000, 10000) if the chunks are still too big.

#### 4. Check the File Sizes

From the same folder, run:

```
dir "G:\Elevate Labs Internship\Task 5\chunk_*.pcapng"
```

Make sure **each file** is under **25 MB**.

#### 5. Upload to GitHub

- Add the new smaller .pcapng files to repo.