Wireshark

- GUI
- More advanced features
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- Can save date in many formats
- Displaying data in various formats such as charts and graphs,

tcpdump

- CLI
- Lighter and faster
- Thanks to CLI it is better to use when automating tasks
- Saves logs only in .pcap
- Data displays in terminal, which can be hard to read with big amount of data

Similarities

- Open-source
- Sniffing and analyze packets
- Support many protocols
- Capture filtering capability