

Wireshark

- Uses GUI (graphical user interface)
- Simple analysis
- Simple filters
- Not efficient in decoding protocol-based packet capture
- Can't handle larger packet capture as well

Similarities

- Packet analyzer/sniffer
- Free, open-source
- Can capture packets from a live network

tcpdump

- Command-line interface
- More complex analysis
- Complex filters
- Efficient in decoding protocol-based packet capture
- Can handle larger packet capture