

## Summary of Wireshark Packet Capture

- **Capture Duration:** 1 minute
- **Network Interface:** Ethernet
- **Traffic Generated:** Visited `github` and pinged `google.com`
- **Protocols Identified:**
  1. **DNS** – Used to resolve domain names like `example.com` and `google.com`
  2. **TCP** – Underlying transport for HTTP/HTTPS and other services
  3. **HTTP** – Website request/response for unencrypted content
  4. **ICMP** – From the ping command to test connectivity

## Interesting Packet Details:

- **DNS Request:**
  - Query: `github`
  - Response IP: `93.184.216.34`
- **HTTP GET Request:**
  - Host: `example.com`
  - Status Code: `200 OK`
- **ICMP Echo Request/Reply:**
  - Source: My machine
  - Destination: `google.com` IP
  - Round-trip time visible