

1. The port number is 49834 and it appears to be randomly selected based upon the available ports on the machine.
2. Port 80 is being used and is the most common port for HTTP traffic to pass through when interacting with most web servers
3. 2734641704 it is the byte number of the first byte in the packet and it is probably partially random to allow for better security so that way someone could not easily guess and intercept the packets in order one by one
4. 3085704303 this is in the relative ballpark of the previous sequence number, after tracing through the other numbers for the subsequent requests before the first GET request is made, we can see that the number increments until it lands on what it finally is. It likely does not go up in an orderly manner as well to help obfuscate guesses
5. 3050358067 This ACK number is determined by the size of the packet, that value is the size of then next available free space in the frame. This allows for The system to always know what packet was most recently ACK-ed
6. 1.1
7. Microsoft IIS, so it's a windows server (ew)
8. The HTTP header fields are clearly marked what they do and hold, any body content data of the request is distributed below all of the marked fields.
9. It appears some caching has happened and so there are less packets that were passed through the request.
10. It returned a 304 this time showing that it is not modified, it is able to recognize that we simply reloaded the page and do not need to re-request the information from the server