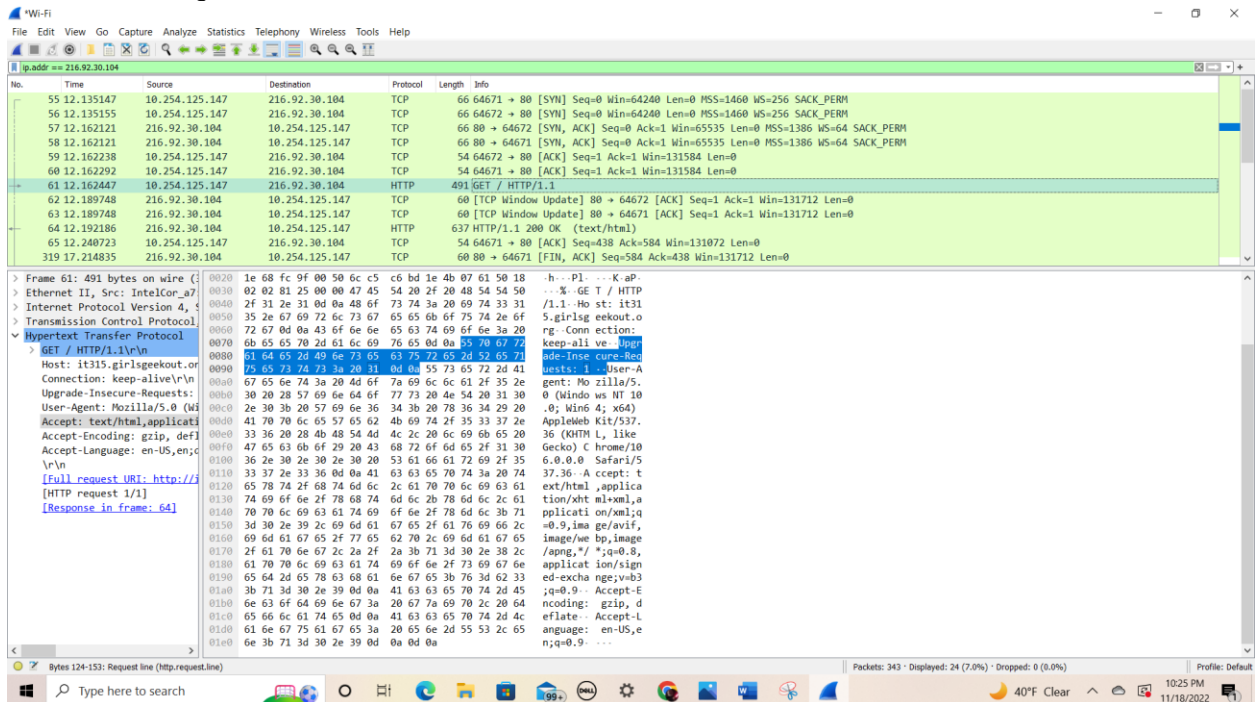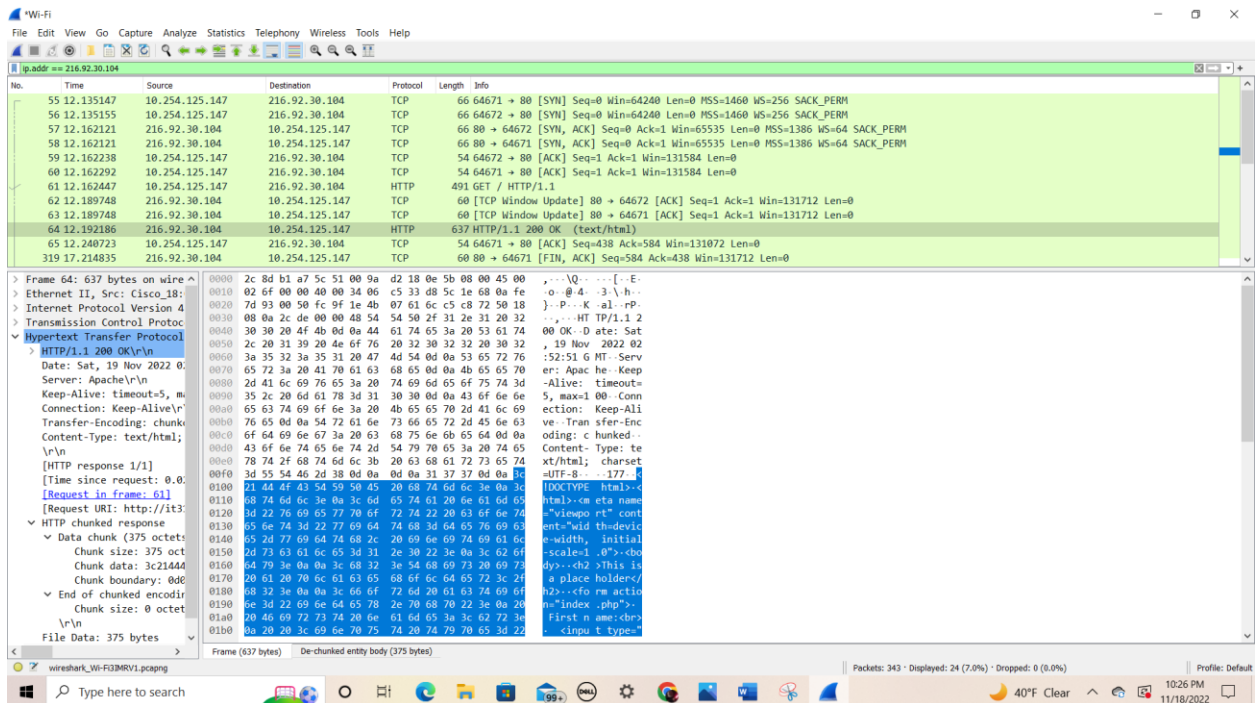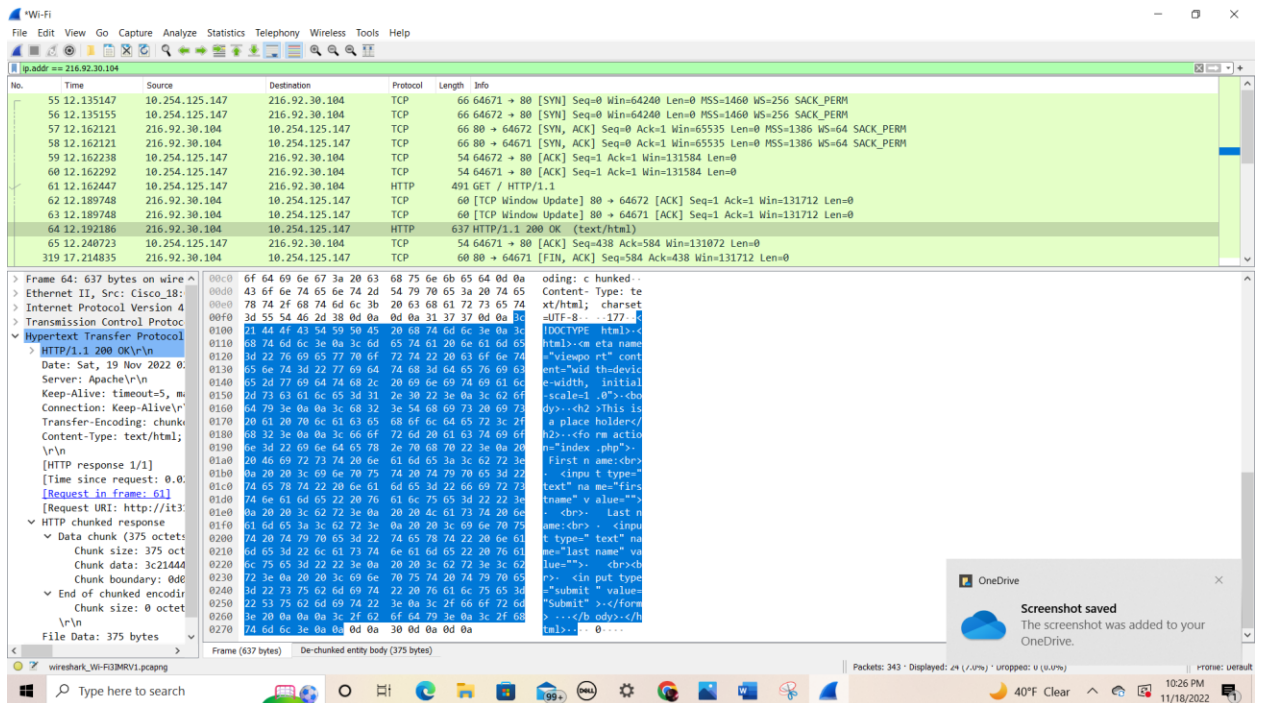1. 216.92.30.104
2. GET HTTP request



3. The data found here shows that the server understood the request and shows the type of content received.

4. Network encryption guarantees that data transmitted across a network from one host to another cannot be read by a third party. If a sniffer intercepts the data, they will find the data cannot be used because the data is encrypted. Therefore, a hacker can't view passwords, usernames, or any other information sent across the network is safe.