Good evening class,

Recently I have been using a program called Wireshark. This program allows the user to capture network data packets and view them in detail. It has many features that I am still learning about. Using Wireshark has allowed me to visualize data packets and solidify the OSI model theory. This tool would be extremely useful for trouble shooting networks and ethical hacking. Recently, I have been using Netcat to ethically hack my own network and then using Wireshark to capture data packets. Wireshark’s main purpose in the Cybersecurity career field is the tracing of connections. This could assist in identifying malicious network traffic and the content of it. Wireshark does not offer any decryption tools so you would have to use another method for decryption. Within the networking role, Wireshark can be used to identify network bottle necks and errors.