

Report challenge 6 (Elisa Verhoeven s1430416 & Jan Willem Nijenhuis s2935511)

We started off by setting up the IPv6 header, which took the entire morning in combination with installing the correct dependencies. After that we got the hang of it and included the TCP header in the IP packet. Then, we started using WireShark more frequently by trying to respond to the SYN,ACK message correctly. Once we got this working we created a new TCP message containing the HTTP request. Because we used <CR><LF> instead of /r/n this took some more time figuring this out. Once we got this working we extended the code by sending a ACK and FIN upon receiving a ACK+FIN from the server.

We did not implement any checks on received messages but just assumed that they were correct. This worked for the first two ports, but not for the last two. We didn't have enough time to implement that.