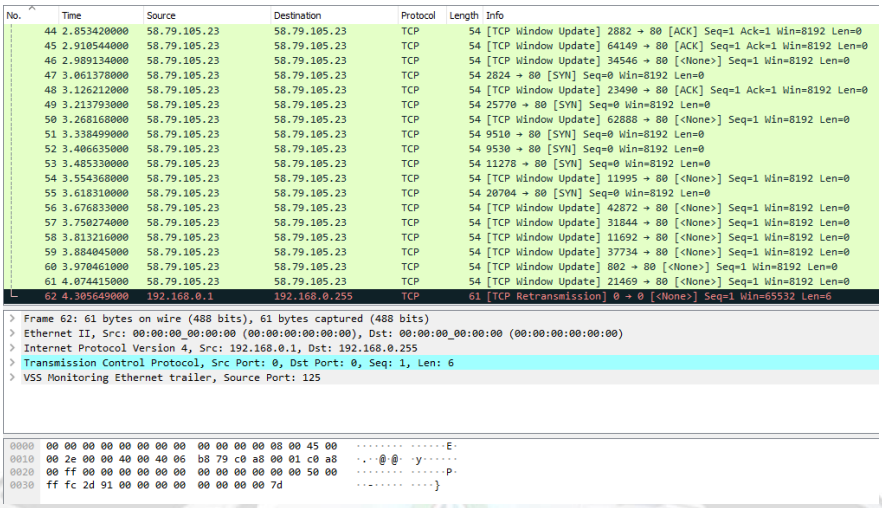
Challenge Name: Alpha Do You Copy

Category: PCAP/MISC

Flag: STMCTF{morse_is_morse}

Given PCAP file contains unusual traffic packets and SYN/ACK flag flows definitely does not fit with normal traffic standards.



Since these flags are definitely in incorrect order, these may be used to send a message in different syntax. Converting TCP flags to the signals could work for morse like signal based communication.

Traffic contains only SYN, ACK and “NONE” flags.

Translating “ACK to –“ , “SYN to .” and “No flags to ‘space’ ” gives following morse string;

-- --- .-. ... . ..--.- .. ..--.- -- --- .-. ... .

Converting the output to ASCII provides the flag;