

CSCI-376-01 S23 Computer Networking

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A solution to test #2b

1. The destination port is 0xc38c or 50060 in decimal.
2. The length of the payload is 0x0080 or 128 - 8 bytes in the header = 120 bytes.
3. Dumb question. There is nothing to indicate which direction the packet is going.
4. Dumb question.
5. The source port is 0x01bb which is 443 in decimal.
6. The 4 bits that depict the length = 8 words, which is 32 bytes.
7. There are 12 bytes of options.
8. The flags have the SYN and ACK bits set, so this is the 2nd part of the 3 way handshake.
9. The packet is a SYN ACK packet, so there is no need for a payload, but that does not necessarily tell the story. The UDP packet is 32 bytes long, which means it's all header without a payload.

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