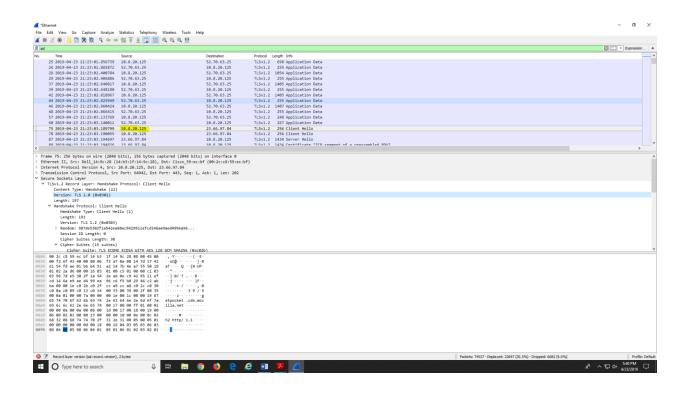
Ameen Almakrami

IT-520-A

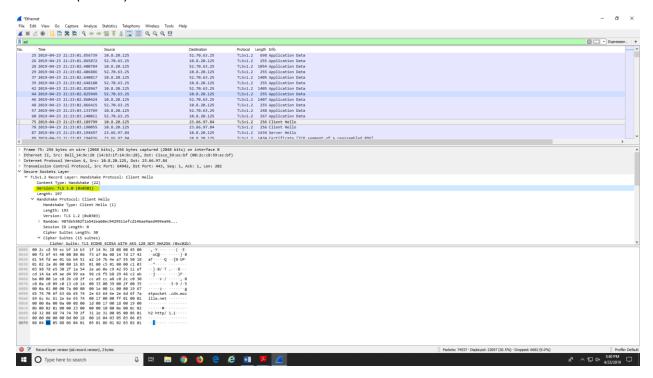
Enterprise Infrastructure & Networking

The IP address is 10.8.20.2.125



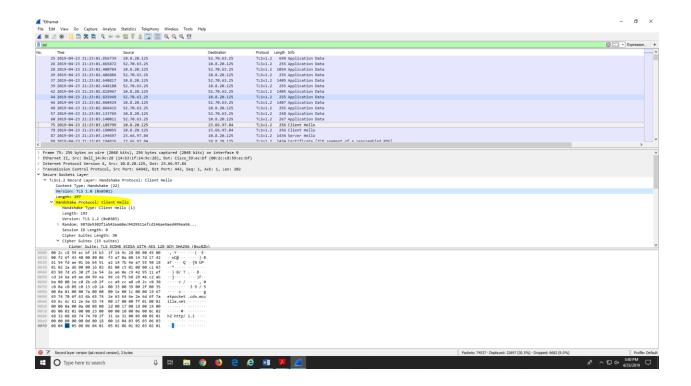
1. What is the SSL/TLS version of the of the Client Hello frame?

Its TLS 1.0(0x0301)



2. Expand the Client Hello record. (If your trace contains multiple Client Hello records, expand the frame that contains the first one.) What is the value of the content type?

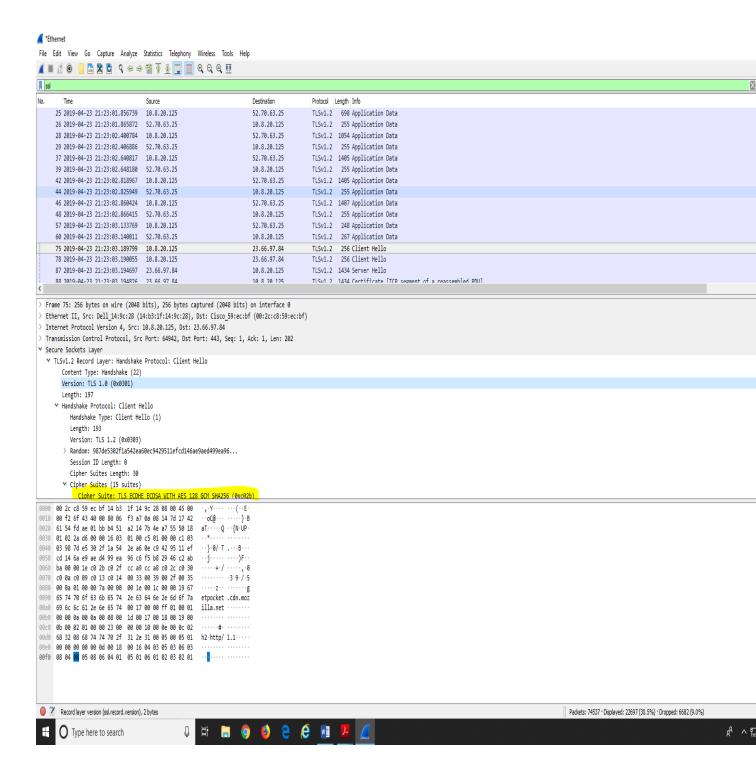
Its Handshake protocol: client Hello



3. Does the Client Hello record contain a nonce (also known as a "challenge")? If so, what is the value of the challenge in hexadecimal notation?
Mine does not show challenge in hexadecimal notation.

4. Does the Client Hello record advertise the cyber suites it supports? If so, in the first listed suite, what are the public-key algorithm, the symmetric-key algorithm, and the hash algorithm?

public key ECDSA symmetric key AES 128 GCM hash algorithm SHA256



1. Locate the Server Hello SSL record. Does this record specify a chosen cipher suite? What are the algorithms in the chosen cipher suite? Public key

Public key RSA, symmetric key AES, hash SHA384

