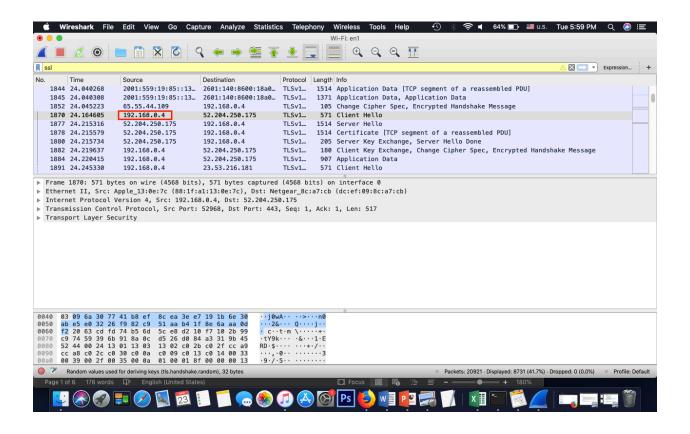
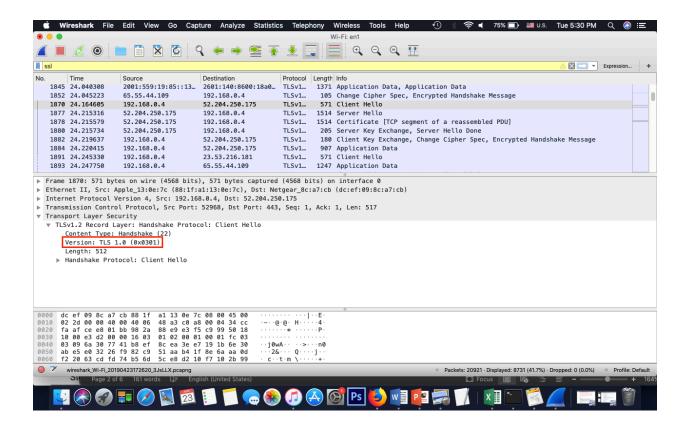
Abdullah Alrfeedi Lab 8 IT-520

My IP address is (192.168.0.4).



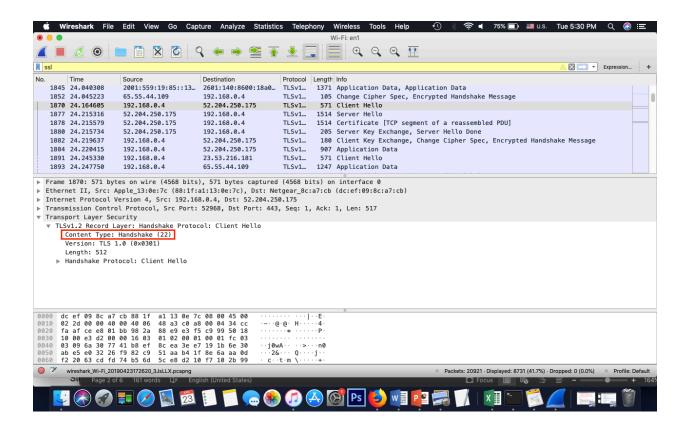
1) What is the SSL/TLS version of the of the Client Hello frame?

The SSL/TLS version of the Client Hello frame is (TLS 1.0).



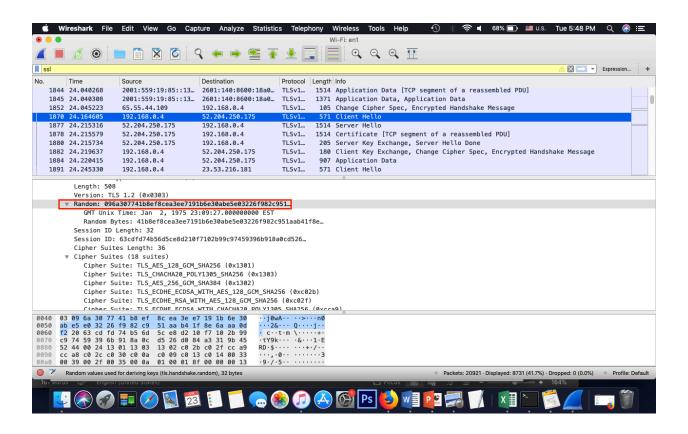
2) Expand the ClientHello record. (If your trace contains multiple ClientHello records, expand the frame that contains the first one.) What is the value of the content type?

The value of the content type is Handshake (22).



3) Does the ClientHello record contain a nonce (also known as a "challenge")? If so, what is the value of the challenge in hexadecimal notation?

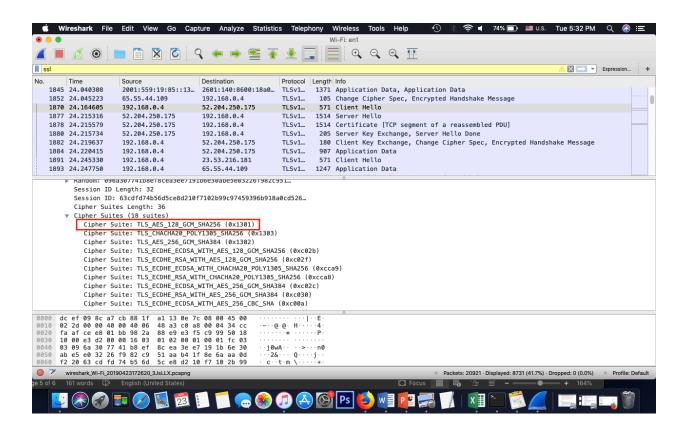
Yes, it does. It is (096a307741b8ef8cea3ee...).



4) Does the ClientHello 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?

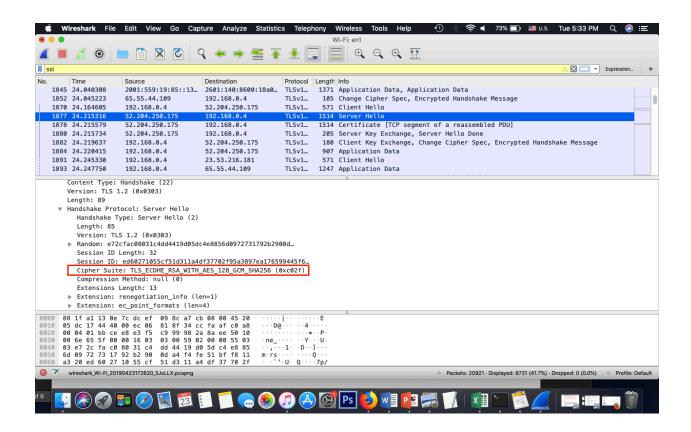
Yes, it does.

- Public-Key algorithm is (AES).
- The symmetric-key algorithm is (GCM).
- The hash algorithm is (SHA256).



5) Locate the ServerHello SSL record. Does this record specify a chosen cipher suite? What are the algorithms in the chosen cipher suite?

Yes, it does. They are (TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256).



There is no HTTP OK message.!

