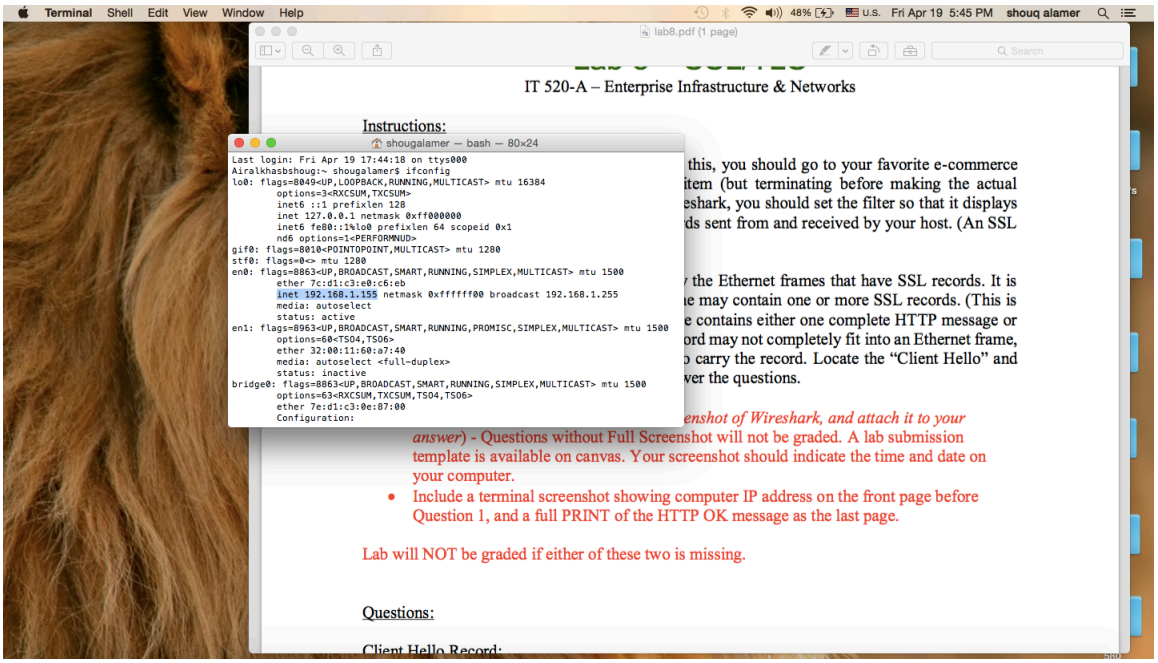
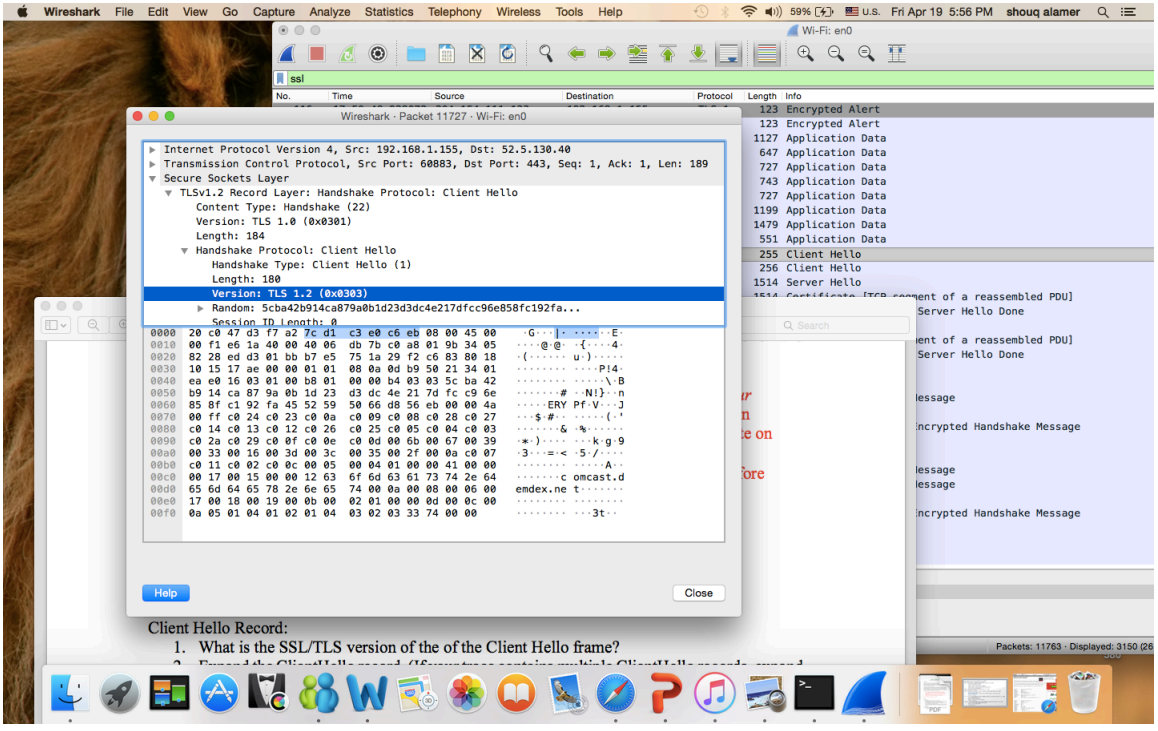


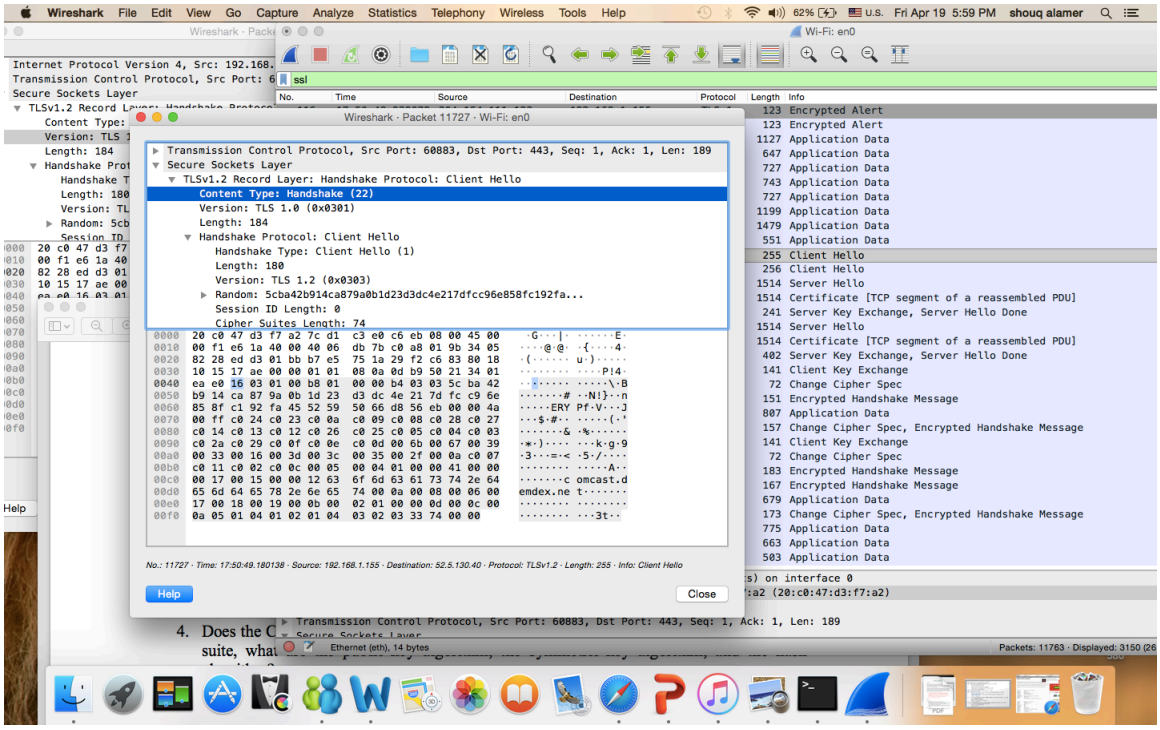
1. What is the SSL/TLS version of the of the Client Hello frame?

1.2



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?

Handshake (22)

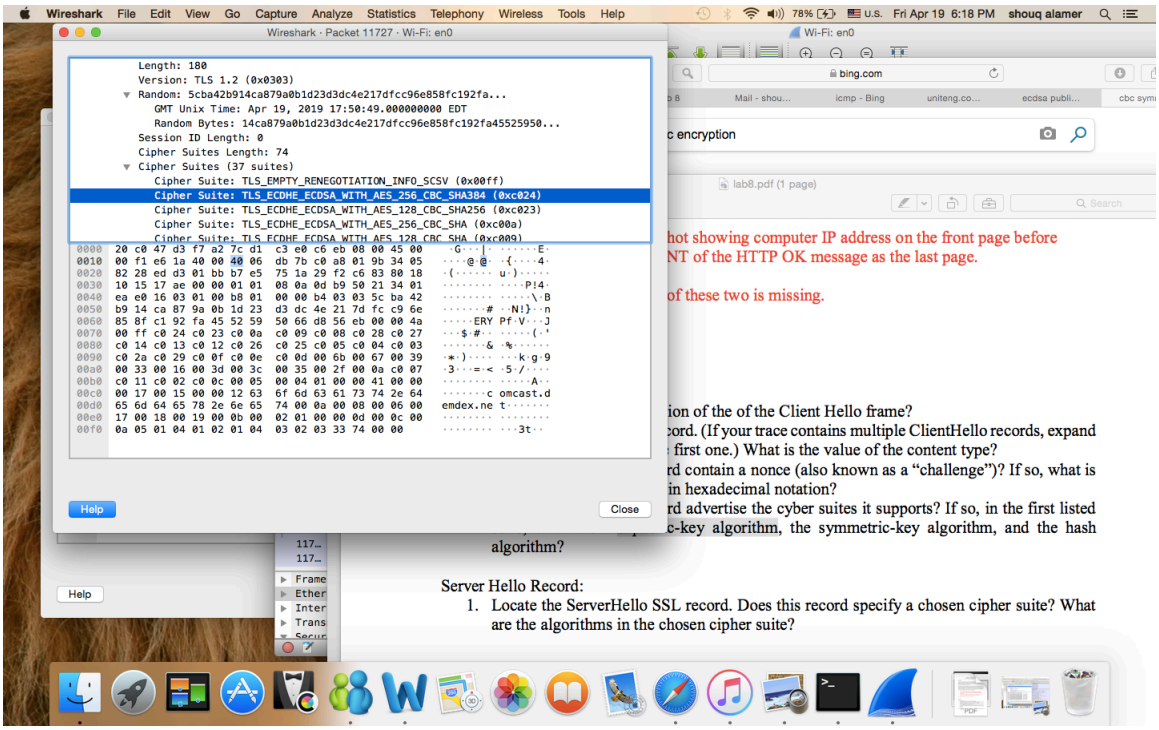


3. Does the ClientHello record contain a nonce (also known as a "challenge")? If so, what is the value of the challenge in hexadecimal notation?

NO

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?

ECDSA public key algorithm
CBC symmetric key algorithm
SHA384 hash algorithm



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

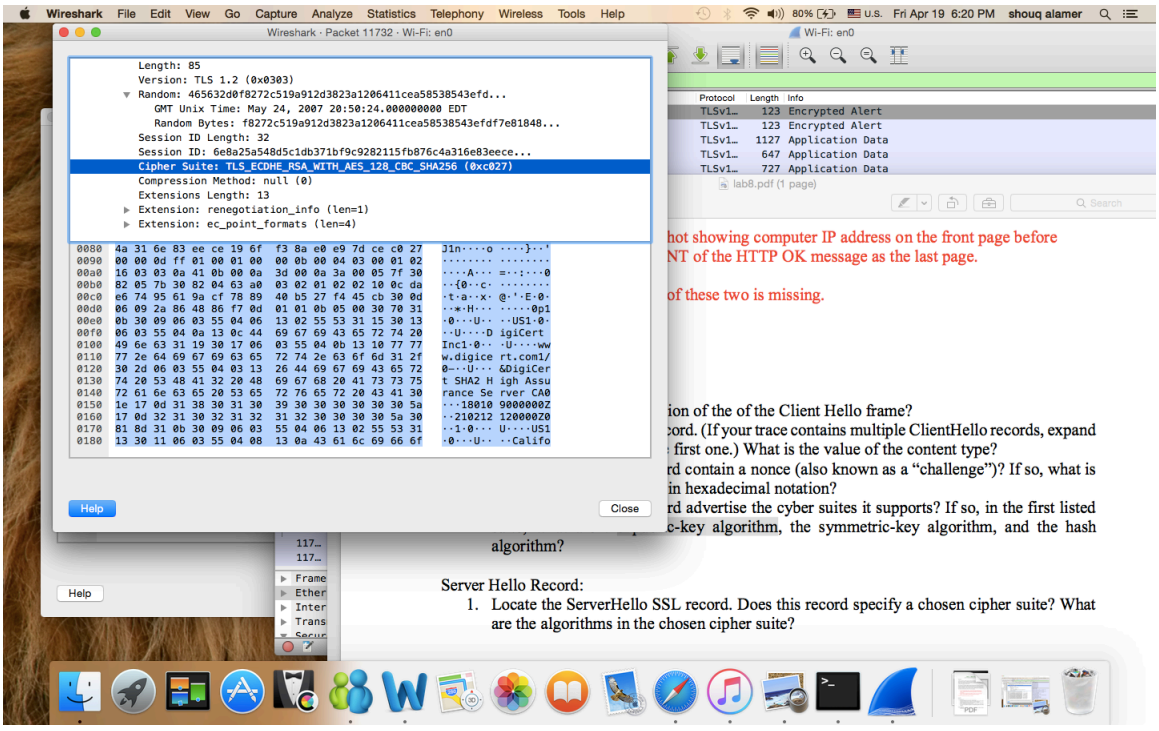
YES

TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256

RSA public key algorithm

CBC symmetric key algorithm

SHA256 hash algorithm



/Users/shougalamer/Desktop/last lab .pcapng 11763 total packets, 18 shown

```
No.     Time               Source                Destination           Protocol Length Info
   9835 17:50:46.460242    192.138.218.207       192.168.1.155         HTTP/XML 1134   HTTP/1.1
200 OK
Frame 9835: 1134 bytes on wire (9072 bits), 1134 bytes captured (9072 bits) on interface 0
Ethernet II, Src: Verizon_d3:f7:a2 (20:c0:47:d3:f7:a2), Dst: Apple_e0:c6:eb (7c:d1:c3:e0:c6:eb)
Internet Protocol Version 4, Src: 192.138.218.207, Dst: 192.168.1.155
Transmission Control Protocol, Src Port: 80, Dst Port: 60865, Seq: 1369, Ack: 736, Len: 1068
[2 Reassembled TCP Segments (2436 bytes): #9834(1368), #9835(1068)]
Hypertext Transfer Protocol
eXtensible Markup Language
```