Consider the Wireshark trace (attached) and answer the following questions:

1. For the TLS session, how many cipher suites are offered by the client? What cipher suite is selected by the server? 28 are offered by the client. Server selected Cipher Suite: TLS\_ECDHE\_RSA\_WITH\_AES\_256\_GCM\_SHA384 (0xc030)

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1. Is this a case of TLS server or mutual authentication? Why? Mutual authentication

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1. How big is the encrypted/authenticated data transmitted by the client? (in bytes) 28 bytes

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