***1. Load the ftp2.pcapng file into WireShark.  
2. Examine the file and become aware of the following aspects:***

***a. What are the source and destination addresses?*** Source destination addresses are 192.168.2.113 and 90.130.70.73

***b. The FTP server type?*** Vsftpd

***c. The FTP server state when the transfer began***? 530 Not logged in

***3. Using your preliminary review what can you say about:***

***a. FTP server type***: Vsftpd (Very Secure FTP Daemon) - This is a popular FTP server software known for its security features. for Linux based systems.

***b. The login and password:***

username: anonymous

password: anonymous@example.com

***c. The transfer protocol used:*** FTP

***4. Provided that --***

***a. Given the following table  
https://en.wikipedia.org/wiki/Data-rate\_units#Examples\_of\_bit\_rates of  
various data transfer rates.***

***b. Given the time that WireShark indicates it took to transfer the 10MB.zip file.*** 13.432976 secs

***c. Assuming that stream encountered NO interruptions in transfer.*** 5.95 mbps

***d. From a forensic analysis viewpoint what is the minimum internet transport  
method that would qualify? (e.g. 56kbps modem, T1, 802.11g, etc.)*** 802.11g wifi or better

***e. Explain how you reached this conclusion***. The calculated transfer rate of 5.95 Mbps is significantly higher than the rates provided by older technologies Hence, the transfer must have occurred over a network technology capable of providing at least 5.95 Mbps, which is well within the range of 802.11g Wi-Fi