DC&CN Lab Practice

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 CSE - 2

Q.1 What is the IP address and TCP port number used by the client computer (source) that is transferring the file to gaia.cs.umass.edu?

Ans-  

Q.2 (a) What is the IP address of gaia.cs.umass.edu? (b) On what port number is it sending and receiving TCP segments for this connection?

[Hint: Apply http filter and see the proper packet]

Ans-  

Q.3 (a) What is the sequence number of the TCP SYN segment that is used to initiate the TCP connection between the client computer and gaia.cs.umass.edu? (b) What is it in the segment that identifies this segment as a SYN segment?

Ans-  from this we can say that it work as syn segment

Q.4 (a) What is the sequence number of the ACK segment sent by gaia.cs.umass.edu to the client computer in reply to the SYN? (b) What is the value of the Acknowledgement field in the SYNACK segment? (c) What is it in the segment that identifies the segment as a SYN-ACK segment?

Ans- 

Q.5 What is the sequence number of the TCP segment containing the HTTP POST command?

Ans- 

Q.6 Plot the graphs of round-trip time and throughput and paste as screenshots in your submission document. Method: on Wireshark go to Statistics->TCP Stream Graph->Round Trip Time (and throughput).

Ans-



