

# WiFi Questions

February 16, 2022

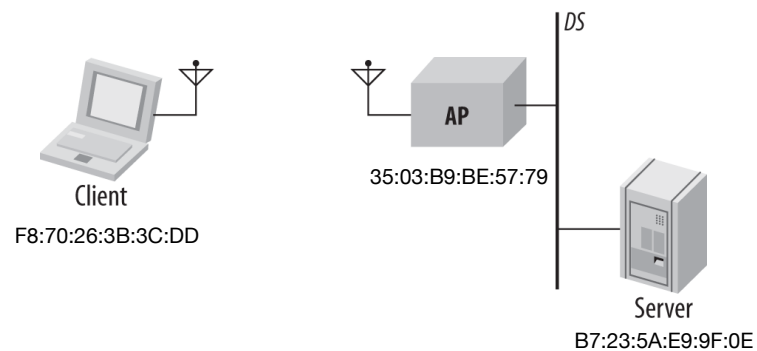
Question	Points	Score
1	3	
2	1	
3	2	
4	3	
5	1	
6	1	
7	3	
8	3	
9	3	
10	1	
11	1	
12	1	
13	1	
14	2	
15	1	
<b>Total:</b>	27	



5. (1 point) How does interframe spacing allow for priority between WiFi frames?

6. (1 point) What does it mean when the From DS bit is set to 1 and the To DS bit is set to 0?

7. (3 points) The client laptop is making a HTTP request to the server. Given the MAC addresses shown in the figure below, how would address 1, 2, and 3 fields be set for an 802.11 frame containing the HTTP request?





12. (1 point) Why is CRC-32 not a good fit for WEP (or any security protocol for that matter)?

13. (1 point) Why does WPA2 use temporal keys?

14. (2 points) List two weaknesses of WPA2.

15. (1 point) What service does Diffie-Hellman provide?