

Wireless Network analysers

Preparations

1. Read the manual in *Wireshark_802_11.pdf*.
2. Answer the following questions
 - a. How many address fields can we have in the MAC Frame?
 - b. In what kind of network is ToDS and From DS both = 0?
 - c. Give two examples of how a STA can perform scanning for an AP.
3. If you like, you can start doing the assignment in advance.

1 Wireshark

Open the file *Wireshark_802_11.pdf*.

Read the introduction. The file referred to is available as a Wireshark file:

Wireshark_802_11.pcap.

You need Wireshark installed in the computer to be able to solve this part.

Find answers to the 16 questions. The answers should be written in your result file.

References made in the text are not available. Find the information elsewhere.

Use the Time Display Format (Under *view*): *Since beginning of Capture!!* It makes things easier for me.

Write clear answers easy to understand. No essay, but don't assume I can read your thoughts.

You can use the display filter on different levels.

You can also search in the frames (<ctrl F>) for a string somewhere in the packet.

Good Luck!
