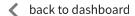
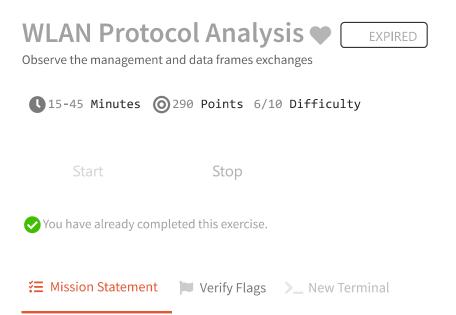
Labs



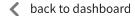


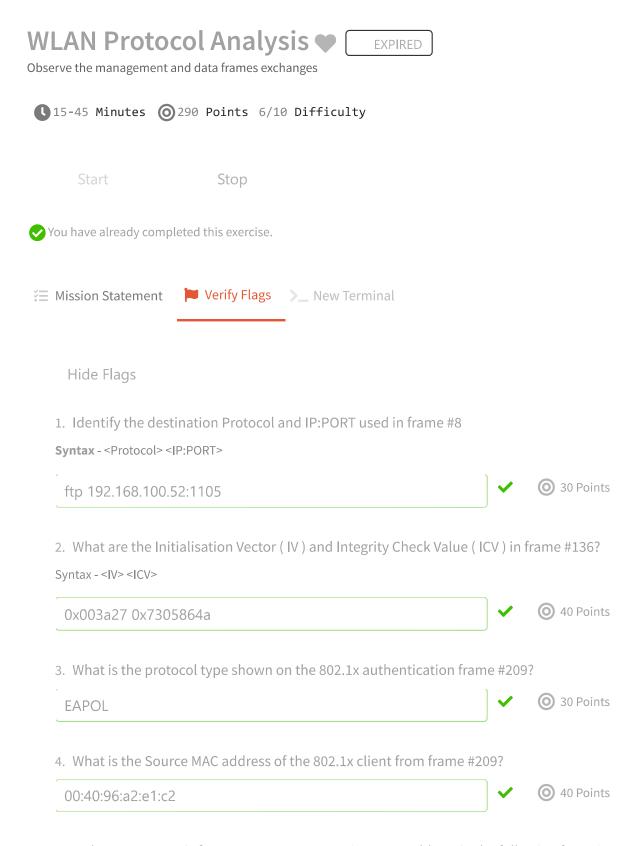
Get yourself familiar with the WLAN protocol and observe the management and data frames exchanges between stations and Access Points in an 802.11 WLAN.

## **Objectives**

- 1. Scroll down the list of frames and click frame #8, which is an unencrypted simple data frame. Look at the frame body and notice the upper-layer information, such as IP addresses and TCP ports.
- 2. Click frame #136, which is an encrypted simple data frame. Look at the frame body and notice that WEP encryption is being used and that the upper-layer information cannot be seen.
- 3. Scroll down the list of frames and observe the EAP frame exchange from frame #209 to frame #246.
- 4. Scroll down the list of frames and observe the 4-Way Handshake from frame #247 to frame #254.

Labs





5. Is the source MAC is frame #209 same as receiver MAC address in the following frame?

5/11/2021

5. Is the source MAC is frame #209 same as receiver MAC  Hint - Yes/No or Y/N	address	s in the following frame?
Yes	~	<b>⊚</b> 30 Points
6. How many frame exchanged for the entire 802.1x authentication process starting from frame #209?		
8	~	<b>◎</b> 40 Points
7. Identify the frame number that holds the third message of the 4-way WPA2 handshake		
251	<b>~</b>	<b>◎</b> 40 Points
8. What encryption type is being used for the 4-way handshake?		
ССМР	~	<b>◎</b> 40 Points