

i310 Wireless Lab (Home)

Based on wireless concepts covered in class, in the text, in course or external readings – you will do an evaluation/informal vulnerability assessment of your home wireless network or perhaps a wireless network that you utilize at a public location. What vulnerabilities do you think exist ? They are not to be shared/distributed – you will use them as part of your analysis only.

Your assessment will identify weaknesses, potential threats to both the wireless environment and your devices operating in that wireless environment and what you would potentially change, eliminate, augment or measure/control with various tools mentioned in class.

LAB Report Due 3/2/16 (to Canvas)

Approx ½ to 1 page write-up (based on what you learned in lab)

a) general IA/CyberSec assessment of your wireless environment. 50%
(what did you do to mitigate potential threats/vulnerabilities or why based on i310 concepts you feel it is secure/trusted.

b) Apply concepts you learned from class as well as tools demonstrated to either measure, improve the wireless environment . What would you change, are there any limitations that prevent you from doing more. (perhaps wireless network performance/security related)

50%

If you don't own/operate a wifi net you can make up answer.