

1.0.6 Class Activity - Top Hacker Shows Us How It is Done (Instructor Version)

Instructor Note: Red font color or gray highlights indicate text that appears in the instructor copy only.

Objectives

Understand vulnerabilities of wireless and other common technologies

Part 1: View the TEDx Video “Top Hacker Shows Us How It’s Done; Pablos Holman at TEDxMidwests”

Part 2: Answer the following questions

Background / Scenario

Nearly every “secure” system that is used today can be vulnerable to some type of cyberattack.

Required Resources

- PC or mobile device with internet access

Instructions

Part 1: View the TEDx Video “Top Hacker Shows Us How It’s Done; Pablos Holman at TEDxMidwests”

- Locate the video on the internet and watch it.
- Choose one of the hacks discussed by Mr. Holman in the video and use your favorite search engine to conduct some additional research on the hack.
- For the hack chosen in Step 1b, answer the questions below. Be prepared to share your work in a full class discussion.

Part 2: Answer the following questions.

- What is the vulnerability being exploited?

Answers will vary based on the hack chosen.

- What information, data, or control can be gained by a hacker exploiting this vulnerability?

Answers will vary based on the hack chosen.

- How is the hack performed?

Answers will vary based on the hack chosen.

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- d. What about this particular hack interested you specifically?

Answers will vary based on the hack chosen.

- e. How do you think this particular hack could be mitigated?

Answers will vary based on the hack chosen.