**Net 3068 CCNA Security Name: Andrew Koenig Lab: # 2.4.8**

**Follow the instructions down below for the lab itself. Anything you type on this document needs to be in blue font. Ensure you put your name and lab number at the top of the document (in blue). For the questions right below, answer in complete sentences. If this is a self-grading packet tracer. Ensure you paste the screen shot of your score page at the bottom of this document. Ensure you upload the packet tracer file along with this document. Let the instructor know if you have any questions.**

***Lab Analysis Report***

1. Using complete sentences summarize work you completed during the lab.

Learned about social engineering

2. Using complete sentences describe what you learned from the lab. Hint; look at the lab objectives listed at the top of the lab section.

I learned the different types of social engineering and what to look for.

***Problems Encountered***

1. Using complete sentences describe any problem(s) experienced during lab.

No problems.

2. Using complete sentences describe how you solved your problem(s).

No problems.

3. Using complete sentences explain if you needed any assistance with the lab; then list what you learned from that assistance. No problems.

Lab - Social Engineering

# Objectives

Research and identify social engineering attacks

# Background / Scenario

Social engineering is an attack with the goal of getting a victim to enter personal or sensitive information, this type of attack can be performed by an attacker utilizing a keylogger, phishing email, or an in-person method. This lab requires the research of social engineering and the identification of ways to recognize and prevent it.

# Required Resources

* PC or mobile device with internet access

# Instructions

Using a web browser find the article “Methods for Understanding and Reducing Social Engineering Attacks” on the SANS Institute website. A search engine should easily find the article.

The SANS Institute is a cooperative research and education organization that offers information security training and security certification. The SANS Reading Room has many articles that are relevant to the practice of cybersecurity analysis. You can join the SANS community by creating a free user account to access to the latest articles, or you can access the older articles without a user account.

Read the article or choose another article on social engineering, read it, and answer the following questions:

## Questions:

What are the three methods used in social engineering to gain access to information?

Type your Electronic access, Physical access, Social media here.

What are three examples of social engineering attacks from the first two methods in the previous question?

Phishing, spear phishing, baiting. Pretexting, Tailgating, Quid Pro Quo your answers here.

Why is social networking a social engineering threat?

Social networking can be expose a lot of information about someone, allowing an attacker to better profile them. It can also be an entry way for an attacker to contact them. your answers here.

How can an organization defend itself from social engineering attacks?

Proper training for employees is the strongest defense, if they know what to look for, they can spot when someone is trying to take advantage of them. your answers here.

What is the SANS Institute, which authored this article? SANS institute is a company that specializes in information security/ cybersecurity training.

Type your answers here.

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