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Lab - Social Engineering

- **STEP 1**

Use any internet browser to research incidents of social engineering. Summarize three examples found in your research.

- 1. Toyota, 2019**

Toyota Boshoku Corporation, an auto parts supplier, was the victim of a social engineering and BEC (Business Email Compromise) attack in 2019. The money lost amounts to USD 37 million. Using **persuasion**, attackers persuaded a finance executive to change recipient's bank account information in a wire transfer.

- 2. Democratic Party, 2016**

One of the most iconic cases of social engineering is the United States presidential election in 2016. **Spear phishing** attacks led to the leak of emails and information from the Democratic Party that may have influenced the result of the election, with Donald Trump's victory over Hillary Clinton. Hackers created a fake email from Gmail, inviting users, through a link, to change their passwords due to unusual activity. Fraudsters then had access to hundreds of emails containing sensitive information about the Clinton campaign.

- 3. Ubiquiti Networks, 2015**

Ubiquiti Networks, a manufacturer of technology for networking, lost almost \$40 million dollars, in 2015, after a phishing attack. It's believed that an employee email account was compromised in Hong Kong. Then, hackers used the technique of employee impersonation to request fraudulent payments, which were made by the accounting department.

- **STEP 2**

1. beware of any downloads
2. usually foreign offers and prizes are fake
3. research the facts before acting.

- **STEP 3**

1. Spam filters are set to high. The devices have up-to-date software. You are required to access the network via VPN only.
2. Monitor for the latest breaches, secure physical access, and provide training to recognize social engineering