

Lab – What was Taken?

Objectives

Search for and read about a few recent occurrences of security breaches.

Background / Scenario

Security breaches occur when individuals or applications are trying to gain unauthorized access to data, applications, services, or devices. During these breaches, the attackers, whether they are insiders or not, attempt to obtain information that they could use for financial gains or other advantages. In this lab, you will explore a few security breaches to determine what was taken, what exploits were used, and what you can do to protect yourself.

Required Resources

- PC or mobile device with Internet access

Security Breach Research

- Use the two provided links to security breaches from different sectors to fill out the table below.
- Search for a few additional interesting breaches and record the findings in the table below.

| Incident Date | Affected Organization | How many victims? What was Taken? | What exploits were used? How do you protect yourself? | Reference Source |
|------------------|----------------------------------|--|---|-----------------------------|
| October 27, 2020 | Amazon | We really don't know the number of victims Users Email Addresses | Internal Threat, Probably used a flash drive or uploaded to the cloud. This is the con of online commerce | SC Magazine |
| April | PlayStation Network | 77 million victims, Credit Card numbers, addresses, usernames, passwords, security questions | Updated firmware to 3.61 - requiring users to change their password. | SC Magazine |
| March 2013 | Experian Credit Reporting Agency | Social Security numbers 250,000 people | False identity, claiming he was a licensed private investigator. Don't be fooled easily into giving out important information. | |
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Reflection

After reading about the security breaches, what can you do to prevent these types of breaches?

You always must make sure passwords are secure and that you change them once they get too old. Also never to save your
passwords to random websites and to only save them into secure places like keypass.
