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Cyber-Attacks on the Network

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Research Paper

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Abstract

Currently, data protection of that data is considerations for companies. Customers want to make sure their information is secure. Your customers want companies to keep that information safe. In reality, if companies are not assured, they will lose customers. Confidentiality is important and there must be a structure that is rigid and these data to have a good relationship between the company and the client.

Cyber-attacks are a group of actions organized by some entity or person against some company or random person. The goal is to destroy, alter. In addition, data could sometimes be stolen, these could destroy services or sometimes to spy. In addition, it should be noted that there are legal implications regarding theft and destruction. This paper to give a brief explanation.

Introduction

It should be noted that information security and its cyber threats exist ways to prevent these acts. To prevent these cyber-attacks we must know that this is like a virus in different ways such as not opening email files, online shopping, etc. We must also know and think logically that they are not only carried out on equipment or systems in general, but are also oriented towards the documentation that exists in the databases.

Technology Implemented

The implements used will be that it could be your production that you use your laptop or desktop every day but if we have more tools we could be able to run better and they would be better with virtualization. Actually here we want to focus on certain Labs used Packet tracer to provide our demonstrations and how to complete better security for the prevention of cyber-attacks.

Threats and vulnerability of Network

A threat refers to a new or newly discovered incident that has the potential to harm a system or the business as a whole. There are three main types of threats: Natural, such as floods, hurricanes or tornadoes. Unintentional, such as an employee mistakenly accessing the wrong information Intentional, such as spyware, malware, adware companies, or the actions of a disgruntled employee Worms and viruses are classified as threats because they could cause harm to your organization through exposure to an automated attack, as opposed to a human one.

General Category of Cybersecurity

In cyber security we store data or elements that are related to cyber security. We can use tools to create a strong barrier for cyber-attacks. We must also note that we have some type of training or knowledge to be able to make a strong barrier against cyber-attacks, this entails studying the type of software used since we can eliminate vulnerabilities according to the established criteria.

IT Fundamentals

We will talk about the components of IT fundamentals and their function from how it works. In this chapter I will talk about the processor Ram and how we can save information long term or short term.

Conclusion

Safe guard the network requires many strategies and how to securely configure networks. We should note that governments are also well entitled to do corporate as well as independent investigations. The purpose of this is to prevent cyberattack situations.

