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IT286 Network Security Concepts

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Part 1:

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Part 2: As a CISO which is Centre for Chief Security information Officer I will finalize the requirements the policies that are needed. I will be the “security leader for the team and will take notice of everything happening in the business that has to deal with data security and technology” (*What is a Ciso? chief information security officer* 2022). The policy is between broker and insurer, and when they do this, they should go in deep details about the policy and oversees the company. My responsibility will be developing and enforcing policies so that the data is protected by unauthorized users and people. More duties for me will be “building a cybersecurity strategy that works for the company and organization” (*What is a Ciso? chief information security officer* 2022). As a CISO I will also have to continue to look and manage the technology for risks, so managing and evaluating is very important to keep the system and policy up to date. Making reports are also very important to give feedback and take notes for the future to what you need to fix or even get rid of.

Policies are important the purpose for me creating the policy is to monitor the actions and logins of the network. Policies are a great way to set expectations. The expectations help create standards for users and employees on how they should perform. Policies help review and check to see if employees are staying on task and meeting expectations. “They also help employees to know where to get help” (Neideck, 2016). Policies need to be clear and have a summary of the everything the employee and employer need to know, and should be carefully stated. Policies are used to ensure that the user or employee are authorized and protect against unauthorized users. They manage, and administrate actions and behaviors. “Policies can also help defend against claims for legal actions.” (Neideck, 2016) They also find and prevent malicious attacks and illegal activities and prevent crimes.

With my policy I would include login elements, so the entries will be used if it needs to be audited. The login in elements will be the person’s name. It will include the date so I can know how recent the agreement is. “Application ID so that it will be sorted. Initiating process ID to sort it with different events.” (*Computer and system logging policy - thiel college*) The address so that we know the location. Then severity so that incase we know if there is an emergency, or incase we have an error.

Login Policy:

**Purpose and Scope**

This review for our policies is for developing and enforcing rules and agreements so that we as employees are authorized to do the work we are assigned to do, and watch how we act, because we will be monitored.

**Background / Logging Elements**

In order to keep data on users we will ask for information regarding name, date, application ID, initiating ID, location, severity, so when we audit, we have a key and certain way to go through everyone smoothly.

**Policy**

When using the network, and being in the system you will be monitored, so we can watch for security breaches, and unauthorized users. We are going to protect against unauthorized access. Logging in to the network and system we are going to verify the steps you took to login and make sure every user isn’t doing anything out of the ordinary, so we can detect and prevent anything that can harm the organization. We will change user’s passwords often to help with the prevention of hackers.

**Underlying Requirements**

You must sign the document if you want to an employee at this organization. We do this so that our business is safe and secured.

**Information Security Issues**

We will have controls that protect , so that we can limit unauthorized users from accessing data and stopping unauthorized activity.

**Enforcement**

If users are found violating the policy we will take legal action, and it will result in a loss of job.

Reference

*Computer and system logging policy - thiel college* (no date). Available at: https://www.thiel.edu/ee2assets/2018-Computer\_and\_System\_Logging\_Policy.pdf (Accessed: April 4, 2023).

Neideck, S. (2016) *5 key reasons why it's important to have policies and procedures*, *HR Daily Community*. Available at: https://community.hrdaily.com.au/profiles/blogs/5-key-reasons-why-it-s-important-to-have-policies-and-procedures (Accessed: April 4, 2023).

*What is a Ciso? chief information security officer* (2022) *Cisco*. Cisco. Available at: https://www.cisco.com/c/en/us/products/security/what-is-ciso.html#~why-hire-a-ciso (Accessed: April 4, 2023).