

Research Assignment #2

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In information systems company are expected to have a security policy in place that employees must follow while working for the company. A security policy is a policy that created by the organization to ensure that company stays organized, has guidelines that employs must abide to, and also lastly protects the data within the workplace. Company's use the CIA triad as a foundational guide to ensure they create a good framework for their security policy.

An information technology it important to have s security policy in place. Businesses need to make sure information within the company stays secured from data breaches, ransom attacks, and other malicious attacks that could put a company at risk for being put out of business depending on the severity of the attack (SentinelOne, 2025).

Many company's today do not realize that the security policy that their organization has in place is weak and needs to be updated to ensure they are protected from threats. The first weakness that many security policies have is they are not regularly updated. Many company's employees are not up to date when it comes to being aware of new threats and the advancement of technology. It is important to regularly update the policy to ensure employees are up to date with technology and new regulations. A weak security policy often lacks a strong incident response plan. A weak incident response plan often causes confusion and puts a delay on fixing the issue because the employees are not prepared for the incident at hand. A response plan will allow employees to have a strategy in order to detect and mitigate attacks to decrease the damage faced during an attack (Method IT, 2024). Another weakness in security policies that companies face is the lack of awareness that employees have. The staff of the company is the first line of defense when it comes to cyber-attacks. The company must include comprehensive programs that their employees must complete to allow them to provide the information and skills that they need to detect and block cyber stacks, Weak passwords are another issue that company's often

struggle with. Weak passwords puts the company's sensitive data at risk as well as the employees within the company at risk. There are some instances where the password that is used for one account is also used for many other employees accounts because it is convenient. If the company were to face a brute-force attack it would be easy to gain access to many of the employees accounts due to the reuse of the same password. A company must make it a policy that password must be made unique to allow for employees account to have more security against unauthorized users. The last weakness is having inadequate access controls. Many company's do not have access controls which puts them at risk because someone who is not qualified to have access could put the company at risk from one mistake. Having effective access controls in place makes sure that only those employees who are qualified have the necessary access to the system which will reduce the risk of user error as well as exposure to cyber-attacks (Davidson, 2025)

The security policy allows the company to have guidelines in plays for employees to follow. A strong security policy that is regular updated enables the company to have better protection from cyber threats. Addressing these types of issues within a security system and fixing the issues if needed are important to ensure that the companies sensitive data is protected.

## References

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