ITE 26 – Current Trends

FINAL PAPER

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BACKGROUND

- Discuss the role of PH Health to the Philippines and the services it provides.
- Explain the significance of data security and how breaches can compromise sensitive information.
- (Approximately 1-2 paragraphs)

ATTACK SCENARIO

• Describe the attack scenario in detail including the methods used by the attackers, and the type of data compromised.

• Make sure to cite your sources and provide context for the chosen incident.

• (Approximately 1-3 paragraphs)

ROLE OF YOUR CHOSEN DEFENSE MECHANISM

• Discuss the role of your chosen defense mechanism in preventing or mitigating the PH Health data breach.

• Explain how your chosen defense mechanism is a fundamental network security component.

• You can also explore any related limitations or challenges in the attack scenario on your chosen defense mechanism.

• (Approximately 1-3 paragraphs)

LESSON LEARNED

• Reflect on the key lessons that can be drawn from the PH Health breach incident. Analyze what PH Health organization, the cybersecurity community, and you (as a CS / IT practitioner) learned from this breach. Consider factors such as vulnerabilities exploited, timely threat detection, security best practices, proactive security measures, and the importance of incident response.

• (Approximately 1-3 paragraphs)

IMPACT

• Discuss the impact of the data breach on PH Health, its members and employees, and the cybersecurity landscape in general.

• Discuss the financial, reputational, and legal consequences.

• Consider any changes in regulations or industry standards that may have occurred due to the incident.

• (Approximately 1-2 paragraphs)

CONCLUSION

• Summarize the key points of your paper, emphasizing the significance of understanding and addressing data breaches in today's digital world.

• (1-2 sentences)

REFERENCES

• Ensure to provide proper citations for all sources used in your paper, following a consistent ACM citation style.

• Minimum 15 references

DOCUMENT PROPERTIES

- Paper Size: A4
- Font size: 10 points
- Font: Courier New
- Spacing: 1.5
- Justification: Justify
- Margins: Top, Bottom, Right = 1 inch; Left = 1.5 inches