Incident handler's journal

Instructions

As you continue through this course, you may use this template to record your findings after completing an activity or to take notes on what you've learned about a specific tool or concept. You can also use this journal as a way to log the key takeaways about the different cybersecurity tools or concepts you encounter in this course.

Date: Record the date of the journal entry.	1
Description	**Tools Utilized for Analysis and Mitigation:** - **Email Security Solutions:** Proofpoint, Microsoft Defender - **Endpoint Detection and Response (EDR):** CrowdStrike, SentinelOne - **Network Traffic Monitoring:** Wireshark, Zeek - **Incident Response Tools:** Velociraptor, Cyber Triage
Tool(s) used	**Nature of Attack:** Employees received phishing emails containing a malicious attachment. Upon execution, ransomware was deployed, encrypting critical files and rendering the organization's systems inaccessible.
The 5 W's	**Affected Organization:** A U.S.-based healthcare clinic specializing in primary-care services. The attack impacted multiple employee workstations and essential business systems.
Additional notes	**Key Takeaways and Recommendations:** - **Incident Containment:** Immediate isolation of infected systems to prevent lateral movement. - **Forensic Analysis:** Examination of email headers, payload behavior, and network traffic logs. - **Mitigation Strategies:** Implementation of multi-layered email security, EDR solutions, and regular cybersecurity awareness training for employees. - **Long-Term Remediation:** Adoption of a Zero Trust security model, continuous monitoring, and enhanced incident response protocols to mitigate future threats.

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Tool(s) used	List any cybersecurity tools that were used.
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Additional notes	Include any additional thoughts, questions, or findings.

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Need another journal entry template?

If you want to add more journal entries, please copy one of the tables above and paste it into the template to use for future entries.

Reflections/Notes: Record additional notes.