

[illegible]



Task 2 – Security Ingestion – Handbook

Scenario:

Your organization needs to monitor the activity on the employees using Windows workstations, this will allow the security team to create rules to detect malware installed in the workstations.

For that, the security team needs to send to the IT team a handbook with a step-by step guide on what configuration they need to apply on the Windows to send the information to a SIEM (Security Information and Event Management) to centralize all the information on it.

Exercise:

Create a step-by-step guide on how to send Windows Logs to a SIEM solution via TCP Protocol.

Notes:

1. You can consider any SIEM solution.
2. You can choose additional setup tools if required.
3. Feel free to use pictures if you think it will be easier to understand.
4. The handbook should be in English.

Task 3 – Security Automation - Playbook

Scenario:

Your organization has recently been experiencing a high volume of phishing attacks targeted at the finance department. These attacks are delivered via email and contain malicious links or attachments that, when clicked, install malware on the victim's machine. The security team concluded that it needs to create automation to deal with all the emails sent to the organization.

Exercise:

Create a mock playbook (using a drawing tool) that can detect and respond to suspicious emails.

Notes:

1. The playbook runs for all emails (suspicious or not)
2. You have access to the sender email address and the content of the email (external URLs and attachments)