

## WEEK 5 ASSIGNMENT

**Submission Deadline:** Kindly upload your assignment to your dashboard on or before Thursday, May 29th, 2025.

**Title:** Layered Cyberdefense Controls

**Objective:**

This assignment requires you to design a robust, layered cyber defense strategy tailored to three organizations with distinct security budgets and operational needs. Your controls should be aligned with industry best practices, considering each organization's constraints and risk exposure.

**Scenario:**

A cybersecurity auditor recently conducted an ISO 27001 audit on three organizations:

1. **FinTech** – Staff strength of 75, operating with a limited security budget.
2. **TeleHealth** – Staff strength of 250, willing to invest in security where necessary.
3. **Internet Service Provider (ISP)** – Staff strength of 5000, with a healthy enterprise security budget.

The audit report concluded that all three organizations must revamp their security architecture. As a Security Engineer, you have been engaged to develop a layered cyber defense strategy that considers the unique requirements and constraints of each organization.

**Instructions:**

- Research and select appropriate cybersecurity tools and controls that align with the security needs of each organization.
- Present your findings in a tabular format as shown below:

S/N	Organization	CIS Control	Proposed Tool	Features	OEM (Vendor)
1	Financial	Inventory & Control of Hardware Assets	Cybersecurity Asset Management (CSAM)	- Asset Discovery - Geolocation Tracking	Qualys

**Formatting Guidelines:**

- The submission must be structured in a PDF document.
- Use formal language and a logical format for easy readability.
- Rename the document with your full name (e.g Shatta Wale.Pdf) also put your name in the first page of the assignment.

**Note:** Late submissions will incur a penalty and will be graded at 50% of the total score.

For any questions, contact [chikodiliu@hacktales.com.ng](mailto:chikodiliu@hacktales.com.ng) before the deadline.