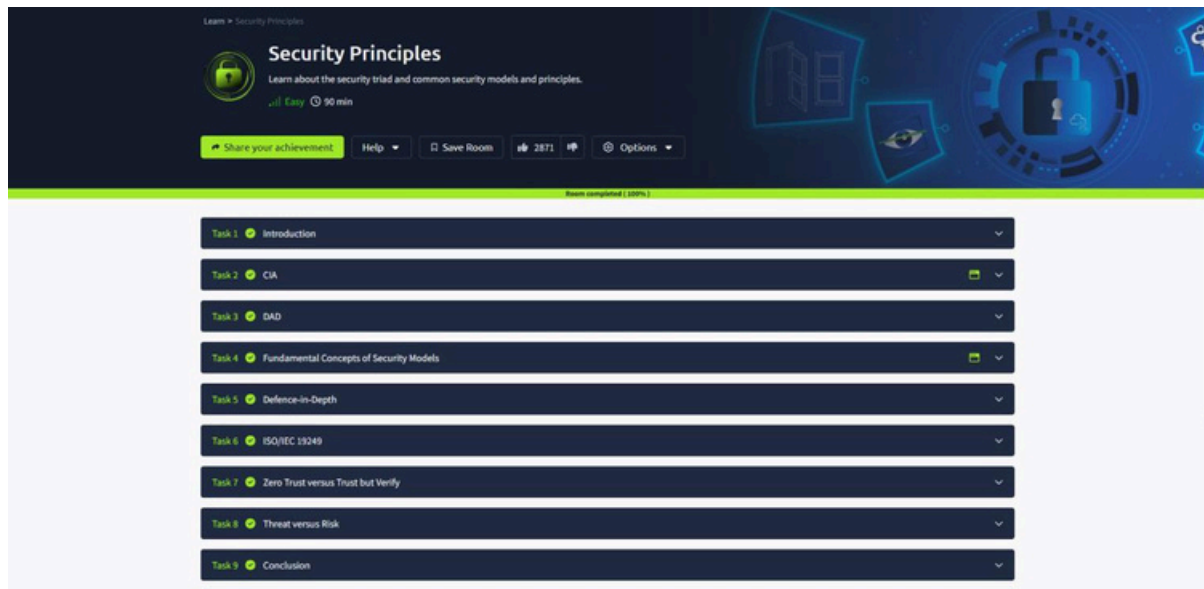EX.NO: 2   Security Models and Principles

DATE : 12.02.2025

AIM:

Study about the security triad and common security models and principles.

TASK 2 : CIA:

Click on "View Site" and answer the five questions. What is the flag that you obtained at the end?

THM{CIA_TRIAD}   ✓ Correct Answer   ⚬ Hint

TASK 3 : DAD:

The attacker managed to gain access to customer records and dumped them online. What is this attack?

Disclosure   ✓ Correct Answer

A group of attackers were able to locate both the main and the backup power supply systems and switch them off. As a result, the whole network was shut down. What is this attack?

Destruction/Denial   ✓ Correct Answer

TASK 4 : FUNDAMENTAL CONCEPTS OF SECURITY MODELS

Click on "View Site" and answer the four questions. What is the flag that you obtained at the end?

THM{SECURITY_MODELS}   ✓ Correct Answer

TASK 5 : DEFENCE-IN-DEPTH

TASK 6 : ISO/IEC 19249

Which principle are you applying when you turn off an insecure server that is not critical to the business?

2	✓ Correct Answer

Your company hired a new sales representative. Which principle are they applying when they tell you to give them access only to the company products and prices?

1	✓ Correct Answer

While reading the code of an ATM, you noticed a huge chunk of code to handle unexpected situations such as network disconnection and power failure. Which principle are they applying?

5	✓ Correct Answer

TASK 7 : ZERO TRUST VERSUS TRUST BUT VERIFY

TASK 8 : THREAT VERSUS RISK

Conclusion:
Tryhackme platform security principle task is successfully completed.