Cyber Shujaa

Cloud Security Specialist

Assignment 2: SC-900 Learning Path

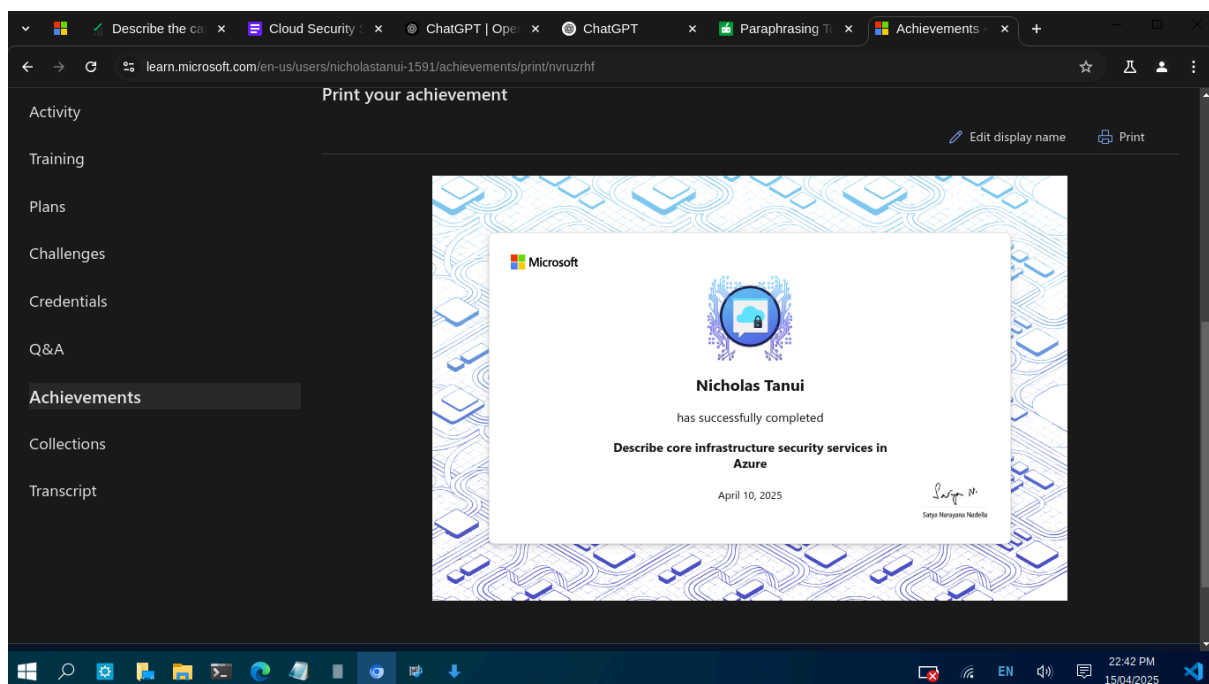**NAME:** Nicholas Tanui

CS NO:adc-css02-25045

Introduction

Use the Microsoft Account you used to begin the training to access the Microsoft Learn Portal. This account will be used to take your certification exam.

The second part of the SC-900 Learning Path, which can be found at https://learn.microsoft.com/en-us/training/courses/sc-900t00, will be finished this week.
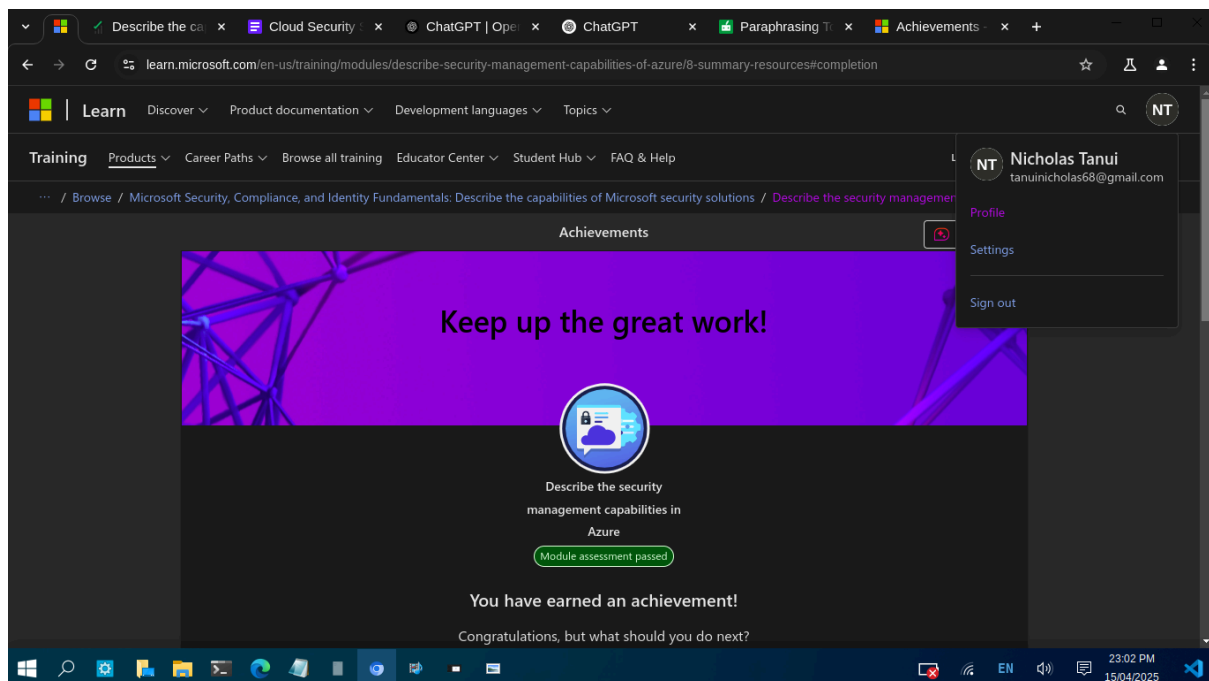
- As an extension of what you did last week, finish the following modules:
- Explain Azure's basic infrastructure security services.
- Explain Azure's security management features.
- Describe Microsoft Sentinel's security features.
- Explain how to use Microsoft Defender XDR for threat protection.

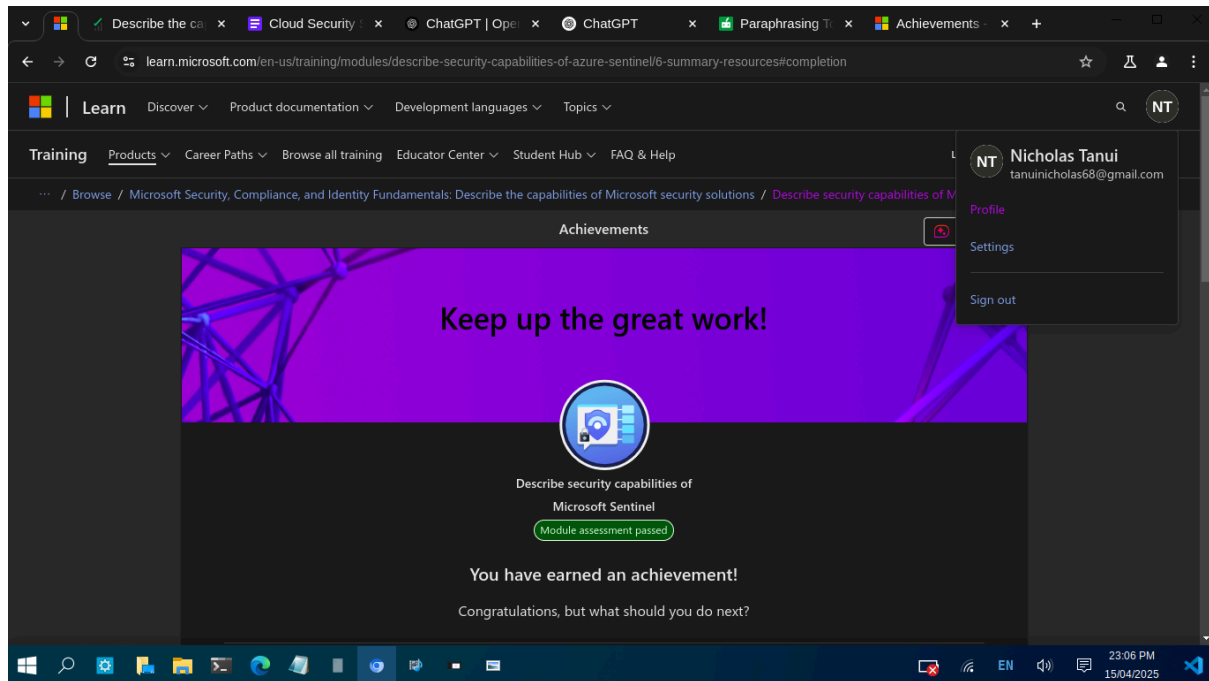Module 1: Describe core infrastructure security services in Azure

https://learn.microsoft.com/api/achievements/share/en-us/NicholasTanui-1591/NVRUZRHF?sharingId=20DE335D481C800E

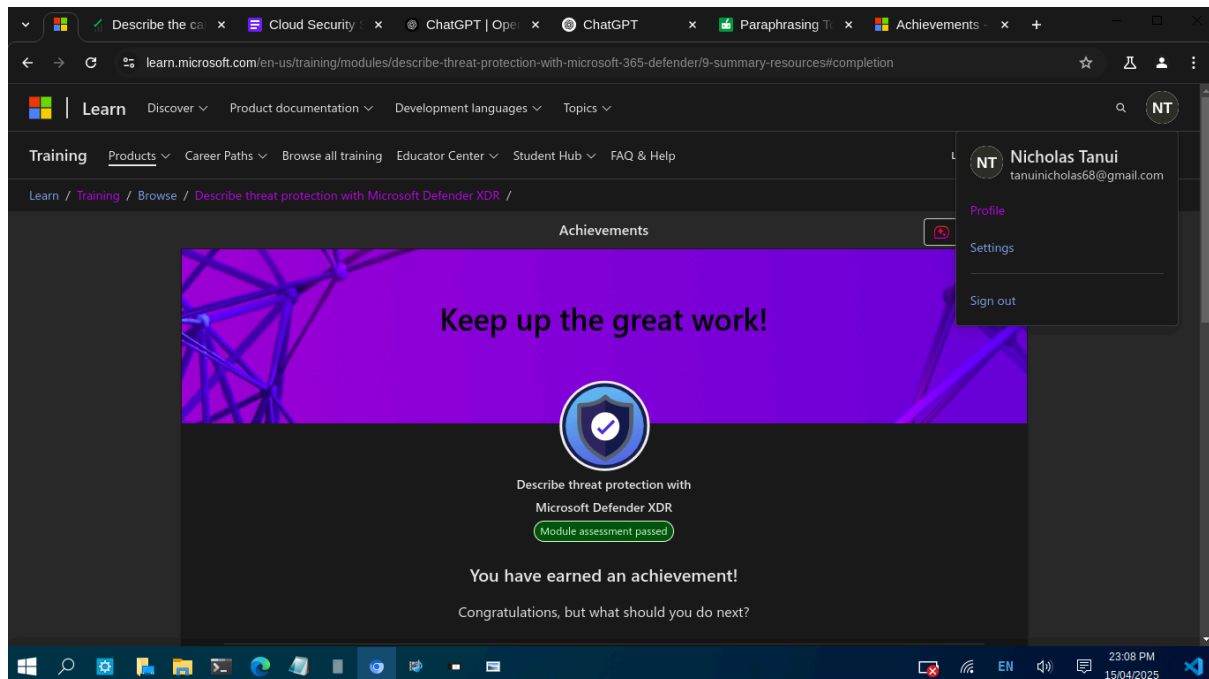Module 2: **Describe the security management capabilities in Azure**

https://learn.microsoft.com/en-us/training/modules/describe-security-management-capabilities-of-azure/8-summary-resources#completion

Module 3: Describe security capabilities of Microsoft Sentinel

https://learn.microsoft.com/api/achievements/share/en-us/NicholasTanui-1591/4GJV5BDK?sharingId=20DE335D481C800E

Module 4: [Describe threat protection with Microsoft Defender XDR](#)

Conclusion

In conclusion, Microsoft Defender for Cloud offers comprehensive security solutions across multiple pillars to protect Azure and multi cloud environments. By leveraging capabilities like Cloud Security Posture Management (CSPM), Cloud Workload Protection (CWP), and the Microsoft Cloud Security Benchmark (MCSB), organizations can ensure robust security, compliance, and vulnerability management. With tools like Defender for DevOps, security teams gain deep visibility into DevOps environments, enabling proactive threat detection and remediation. These features help secure workloads, data, and services while continuously improving security posture across the cloud.