

Microsoft ADC Cybersecurity Skilling Program

Week 2 Assignment

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Introduction

This week I worked through the SC-900 Learning Path: Microsoft Security, Compliance, and Identity Fundamentals. The focus was on describing the core infrastructure and threat protection capabilities in Microsoft Azure. It consisted of 4 modules:

1. Describe core infrastructure security services in Azure
2. Describe the security management capabilities in Azure
3. Describe security capabilities of Microsoft Sentinel
4. Describe threat protection with Microsoft Defender XDR

Each module equipped me with practical insights into Microsoft's modern security solutions and their role in protecting cloud resources.

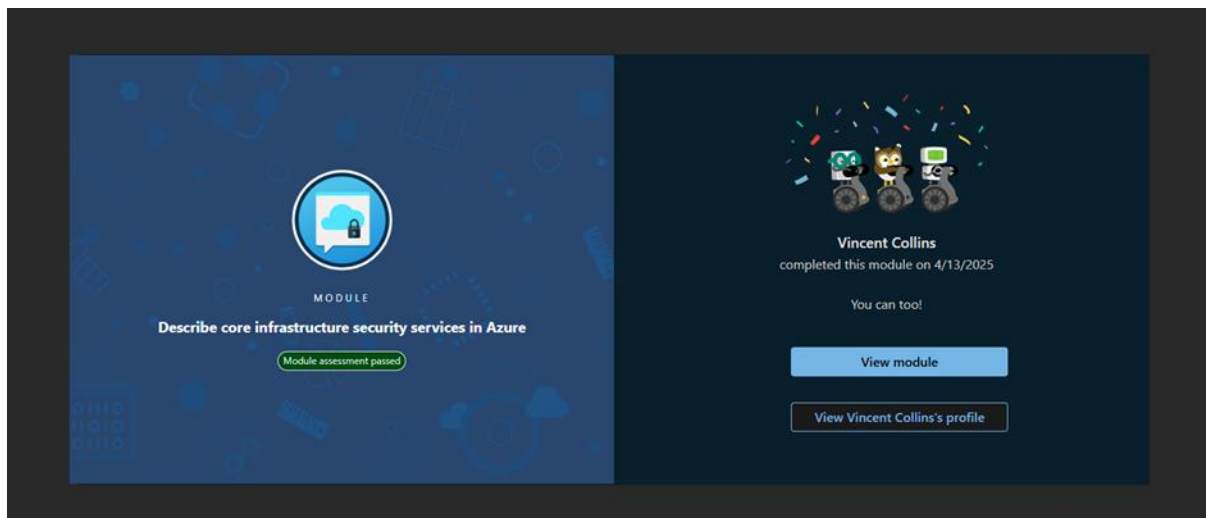
Tasks Completed

1. Describe core infrastructure security services in Azure

This module introduced key Azure services designed to protect infrastructure components such as networks, virtual machines, and sensitive data. I explored how to secure network traffic, enforce policies, and manage credentials using Azure Key Vault. The concepts of perimeter defense, endpoint protection, and best practices for virtual machine security were particularly enlightening.

I completed the module assessment and passed as shown below. I shared my achievement on LinkedIn and started building my visibility.

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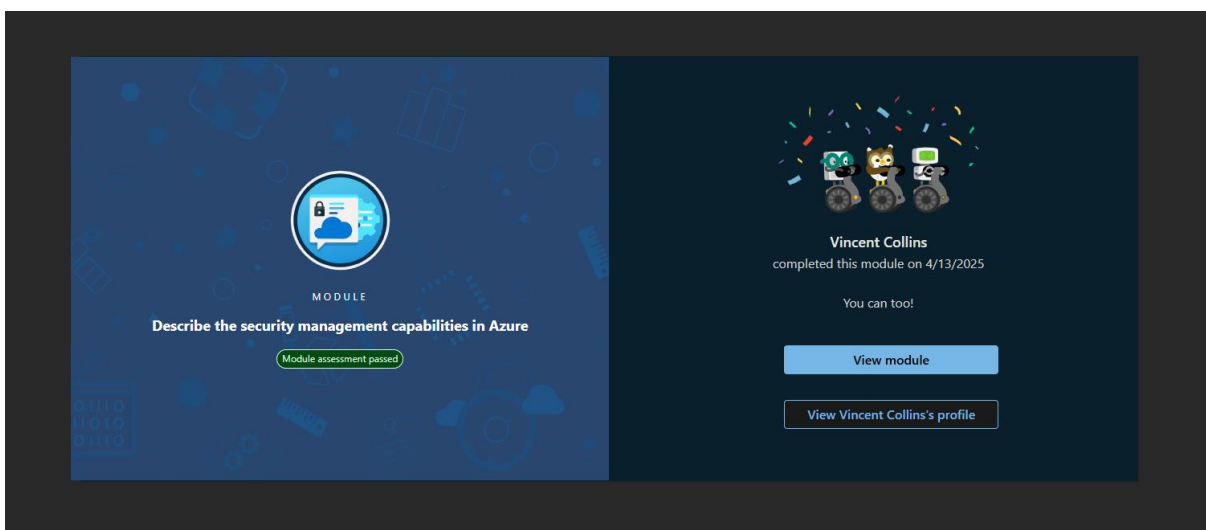


2. Describe the security management capabilities in Azure

This module focused on Microsoft Defender for Cloud and how it enhances the security posture of Azure environments. I learned how to interpret Secure Score, implement security policies and initiatives, and utilize the three protection pillars—visibility, hardening, and threat protection. These capabilities help enforce governance and reduce vulnerabilities across cloud workloads.

I completed the module assessment and passed as shown below. I shared my achievement on LinkedIn and started building my visibility.

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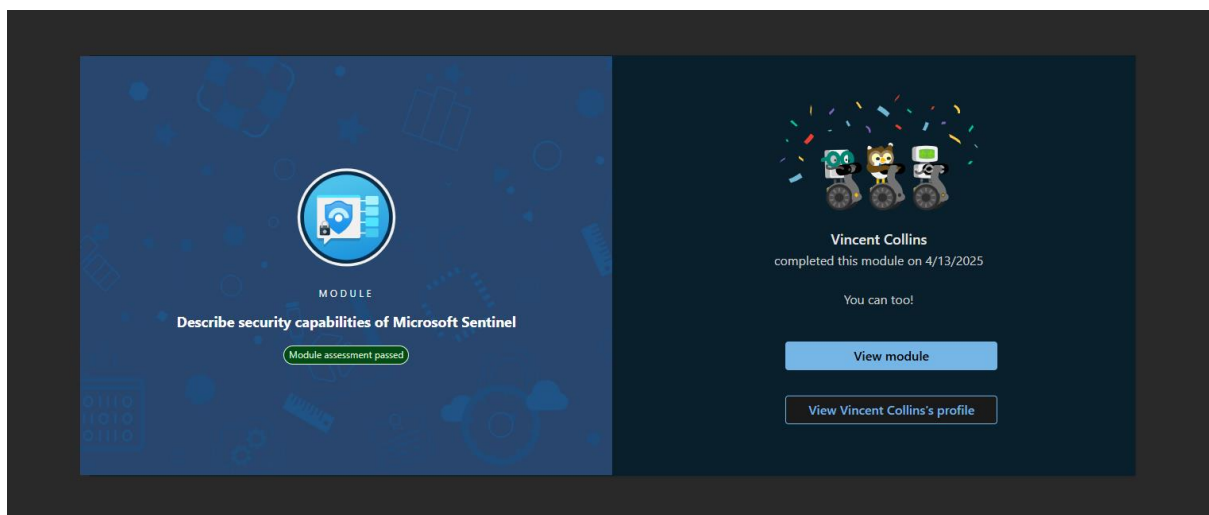


3. Describe security capabilities of Microsoft Sentinel

This module explained the role of Microsoft Sentinel as a cloud-native SIEM and SOAR solution. I discovered how Sentinel collects, detects, investigates, and responds to threats using AI and automation. It also introduced Microsoft Security Copilot, a powerful tool that enhances threat detection and response efficiency.

I completed the module assessment and passed as shown below. I shared my achievement on LinkedIn and started building my visibility.

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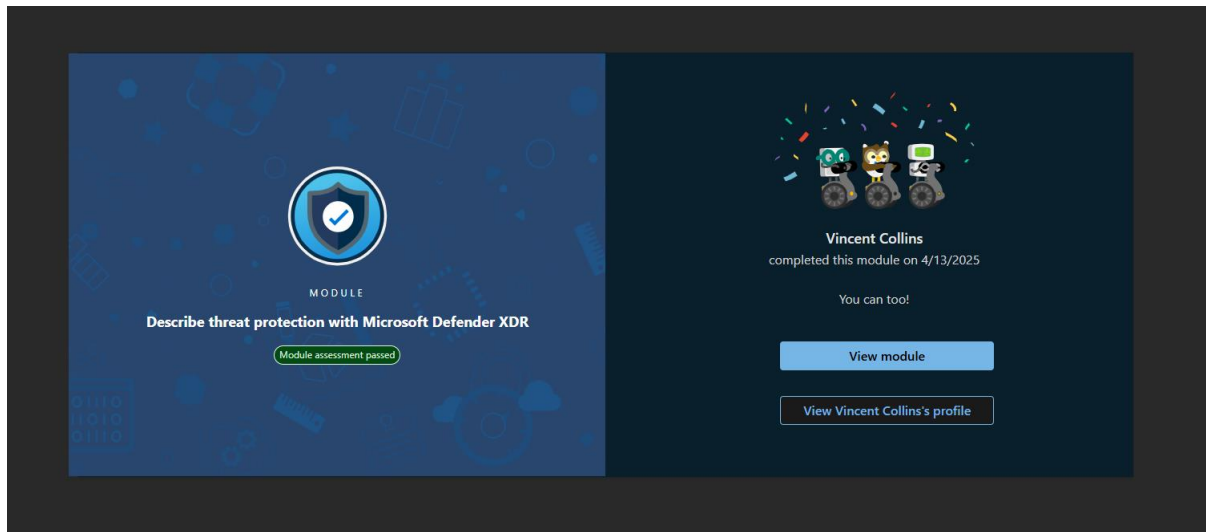


4. Describe threat protection with Microsoft Defender XDR

This final module of the week covered Microsoft Defender XDR and how it delivers extended detection and response across endpoints, identities, emails, and cloud apps. I explored the centralized Microsoft Defender portal and how it consolidates security signals for a holistic view of enterprise threats. The module helped me appreciate integrated threat defense strategies in a hybrid environment.

I completed the module assessment and passed as shown below. I shared my achievement on LinkedIn and started building my visibility.

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Conclusion

This week's modules deepened my understanding of core security services in Azure and introduced me to Microsoft's advanced threat detection and response tools. I found it insightful to learn how Microsoft Sentinel and Defender XDR work together to protect digital environments at scale. I now feel more confident navigating Azure's security tools and services and look forward to building upon this foundation in the coming weeks. Sharing my progress on LinkedIn has been motivating, and I am excited to continue growing and showcasing my knowledge in cybersecurity.