Microsoft ADC Cybersecurity Skilling Program

Week 5 Assignment

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Introduction

This week I worked through the AZ-500 Learning Path: Secure identity and access, part of the Microsoft Certified: Azure Security Engineer Associate certification track. This learning path provided practical knowledge and guidance on securing identities, managing application access, and implementing access controls using Microsoft Entra ID. I completed the following two modules:

1. Manage security controls for identity and access
2. Manage Microsoft Entra application access

Tasks Completed

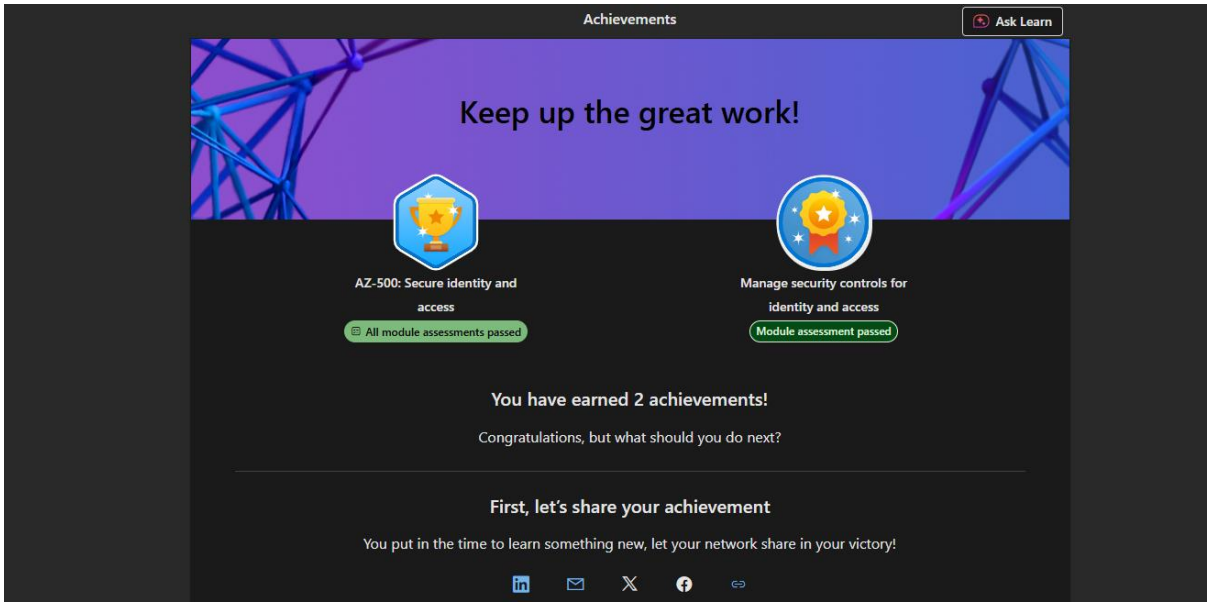
1. Manage security controls for identity and access

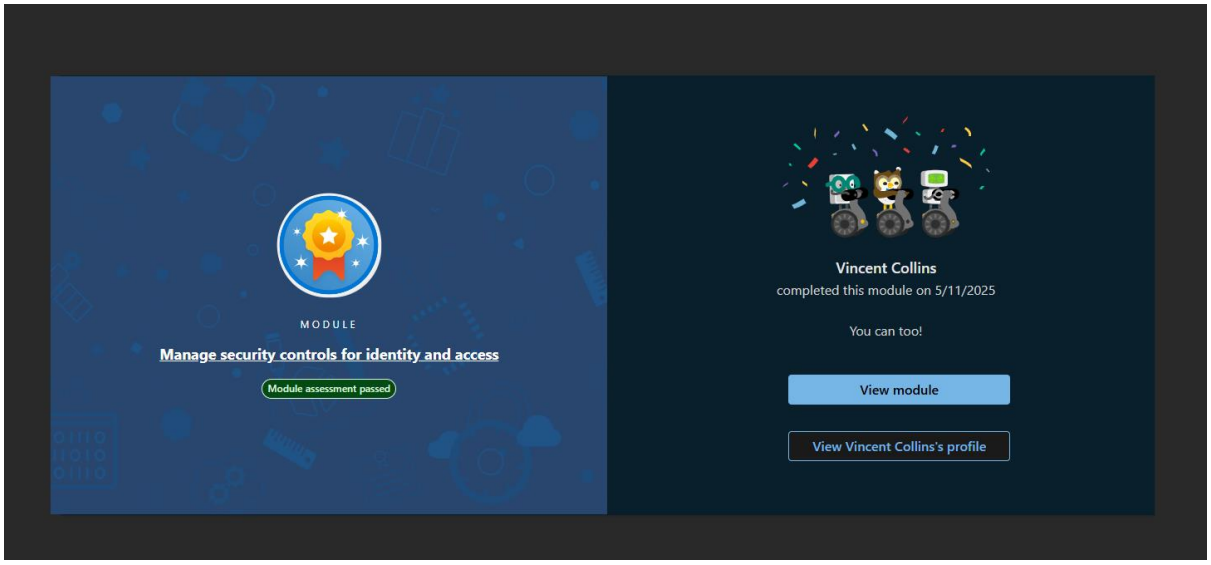
In this module, I explored the core concepts and benefits of data governance, including why it is critical for organizations managing large volumes of data. I learned about the different roles involved in data governance, such as data owners, stewards, and custodians, and their responsibilities.

The module introduced Microsoft Purview Data Catalog, highlighting its key features such as data discovery, classification, glossary terms, and data lineage tracking. These features are essential for maintaining data quality, ensuring data security, and enforcing compliance standards while making data easily discoverable and reusable across the organization.

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

Verification link: https://learn.microsoft.com/en-us/users/vincentcollins-8814/achievements/nvvw3csf

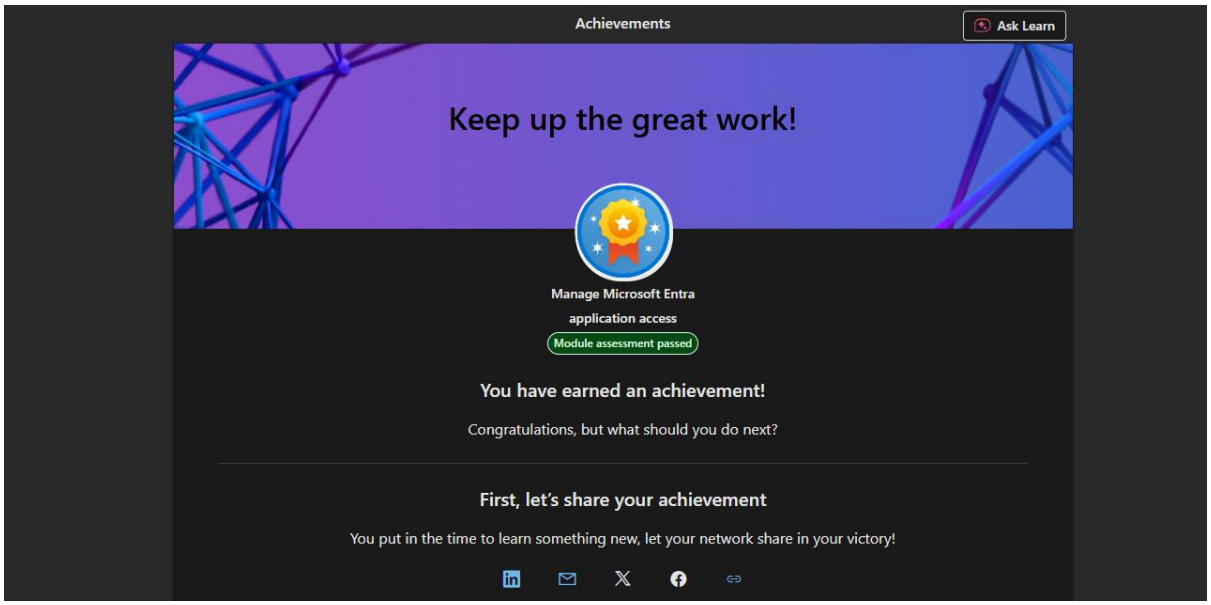

Achievements
Ask Learn
Keep up the great work!
AZ-500: Secure identity and access
All module assessments passed
Manage security controls for identity and access
Module assessment passed
You have earned 2 achievements!
Congratulations, but what should you do next?
First, let's share your achievement
You put in the time to learn something new, let your network share in your victory!

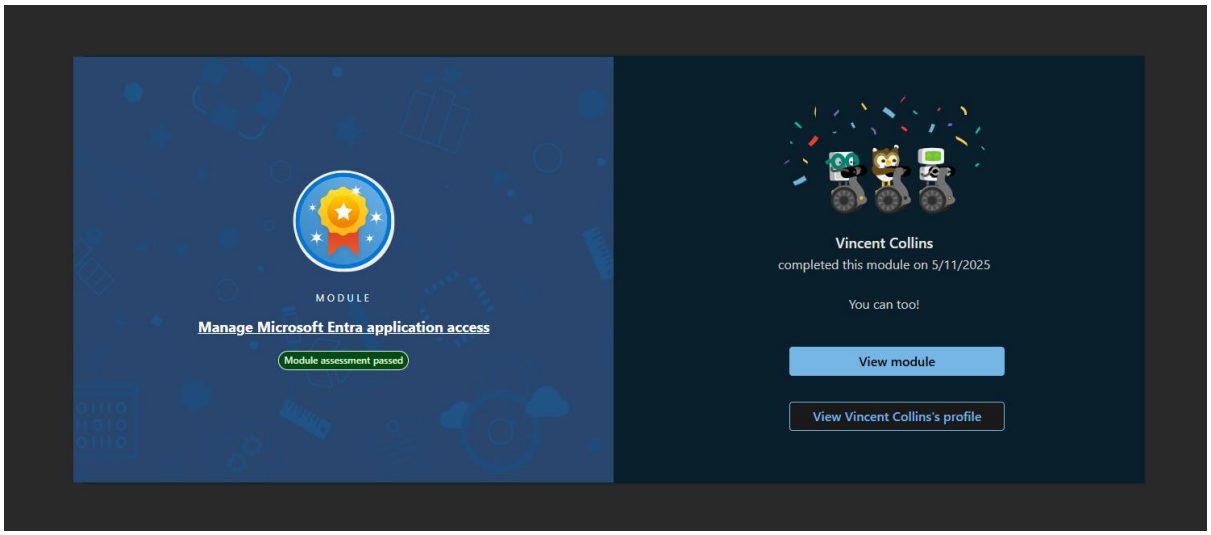

MODULE
Manage security controls for identity and access
Module assessment passed
Vincent Collins
completed this module on 5/11/2025
You can too!
View module
View Vincent Collins's profile

2. Manage Microsoft Entra application access

In this module, I gained knowledge and practical skills required to manage and secure access to enterprise applications using Microsoft Entra ID. Acting as an identity and access management specialist in the learning scenario, I was responsible for ensuring that applications were only accessible to authorized users. I explored how to manage application access using OAuth permission grants, and how to configure app registrations and define appropriate permission scopes. I also learned to manage app permission consent so that users are aware of and approve the permissions being requested by apps. Furthermore, I worked with service principals and managed identities to simplify application interactions and improve security in Azure. This module helped me understand the overall application access lifecycle and how to enforce policy compliance across enterprise apps. I completed the module successfully, as evidenced below.

Verification link: https://learn.microsoft.com/en-us/users/vincentcollins-8814/achievements/e55q2nnp





Conclusion

This week's learning path helped me develop a solid foundation in managing identity and access within Azure environments. I learned how to secure user identities, control access to applications, and implement advanced security measures using Microsoft Entra ID. These skills are crucial for any role involving Azure security engineering. Completing the modules has boosted my confidence, and I look forward to applying these concepts as I continue progressing toward certification. I've also started building my professional visibility by sharing my achievements on social media.