BILLY GIBENDI
ADC-SOA01-24014
Microsoft ADC Cybersecurity Skilling Program

WEEK 1 ASSIGNMENT

Introduction

This report summarizes the key learning points from the completed modules in the Microsoft SC-900 Learning Path available at [Course SC-900T00-A: Microsoft Security, Compliance, and Identity Fundamentals - Training](#), focusing on security, compliance, and identity concepts within the Microsoft cloud environment.

Modules:

1. **Describe security and compliance concepts**

This module provided a strong foundation in understanding security and compliance terminology. I learned about essential security principles and how they are applied to protect information assets. Additionally, I gained insights into widely recognized compliance frameworks and their significance.
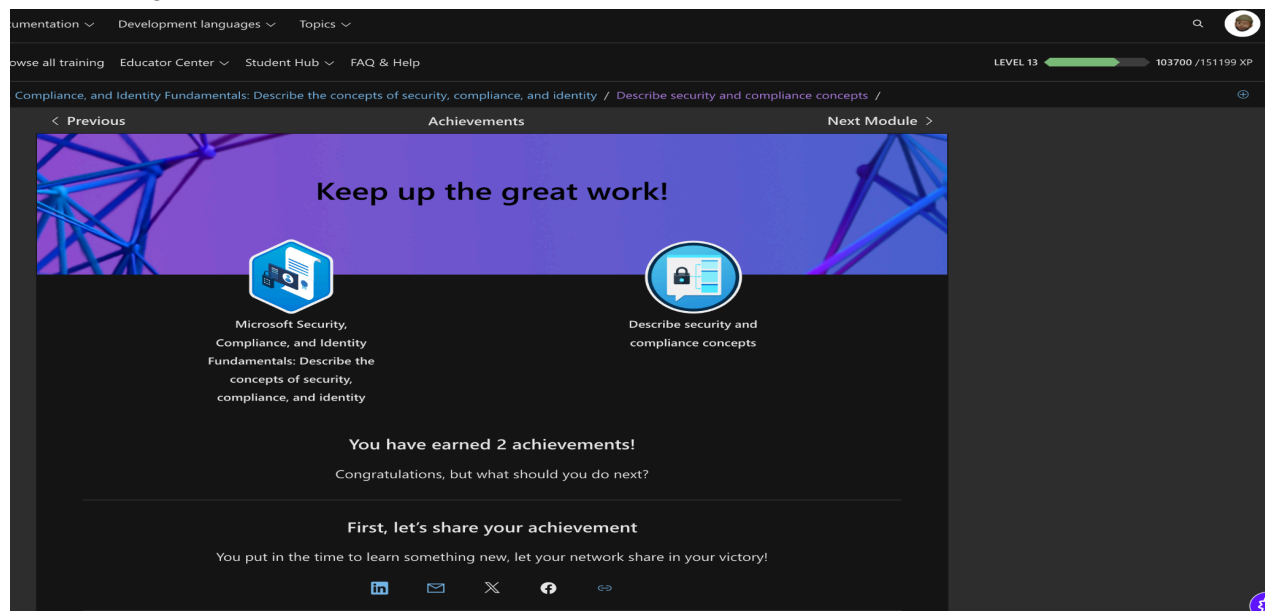
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2. **Describe identity concepts**
   This module clarified the critical concepts of identity management and access control. I learned about the processes of verifying a user's identity (authentication) and granting them permissions (authorization). It also provided a good understanding of different identity models used in various organizational structures.
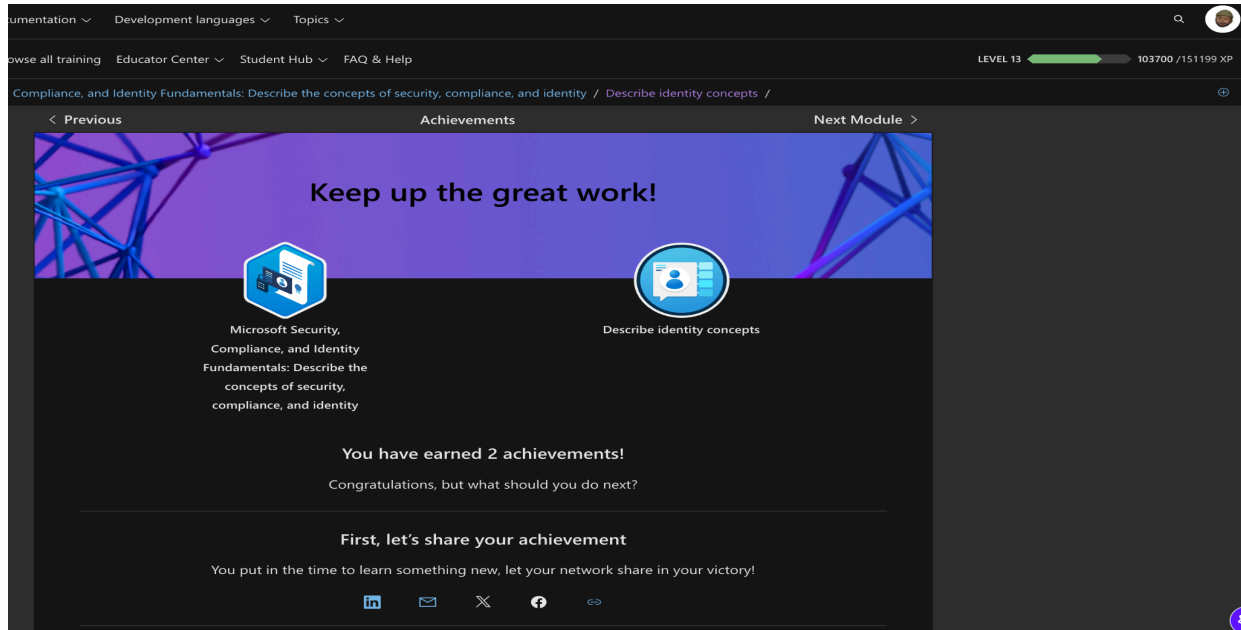
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3. **Describe the function and identity types of Microsoft Entra ID**
   This module provided a valuable introduction to Microsoft Entra ID as a comprehensive IAM solution. I learned about the various identity types it can manage, offering flexibility for organizations with diverse identity needs.
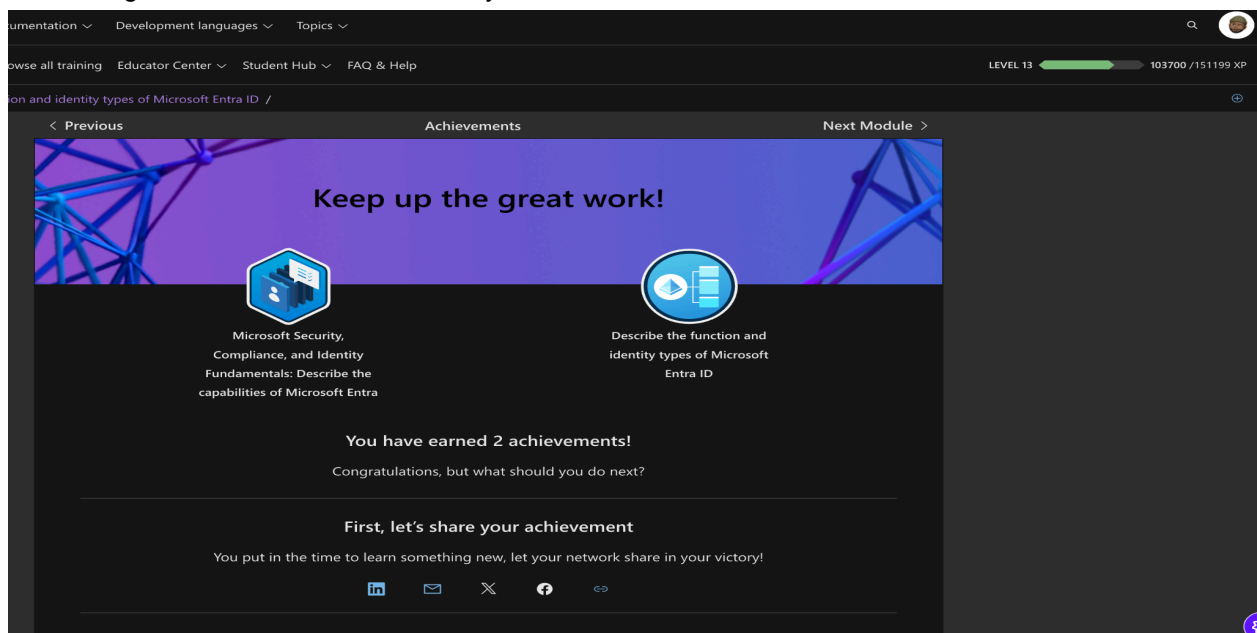
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4. **Describe the authentication capabilities of Microsoft Entra ID**
   This module provided insights into the different tools and methods Microsoft Entra ID offers for user authentication. I learned about robust methods like MFA and passwordless logins, along with Conditional Access for adding an extra layer of security based on context.
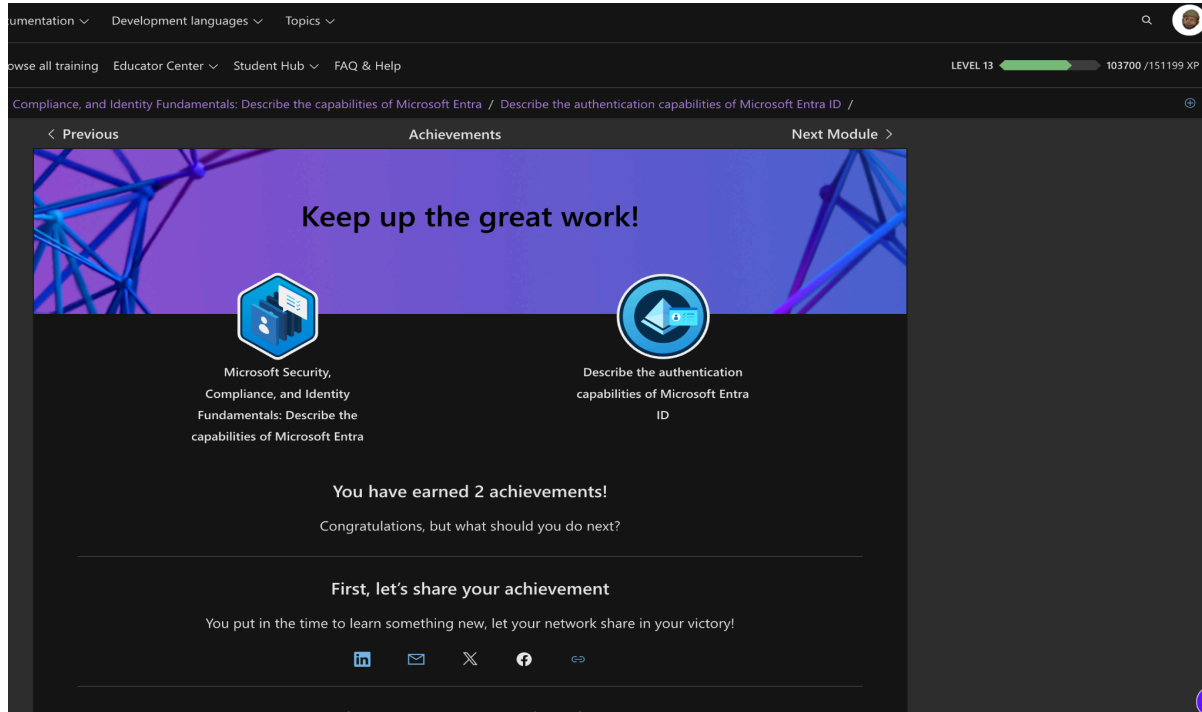
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5. **Describe access management capabilities of Microsoft Entra ID**
   This module provided a detailed understanding of access management functionalities within Microsoft Entra ID. RBAC and Azure AD entitlements for assigning permissions based on user roles. Additionally, I gained insights into privileged access management for safeguarding critical resources.
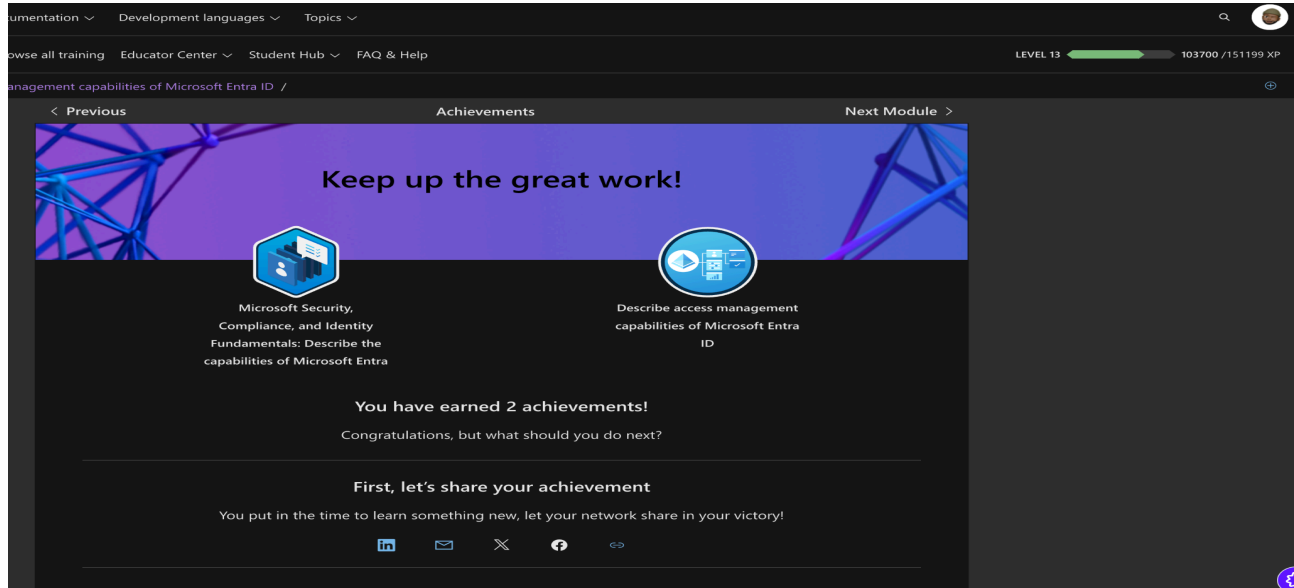
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6. **Describe the identity protection and governance capabilities of Microsoft Entra**
   This module highlighted the importance of managing the identity lifecycle and user provisioning within Entra. I learned about identity governance features that enable organizations to monitor and audit access and identity-related activities for improved security posture.
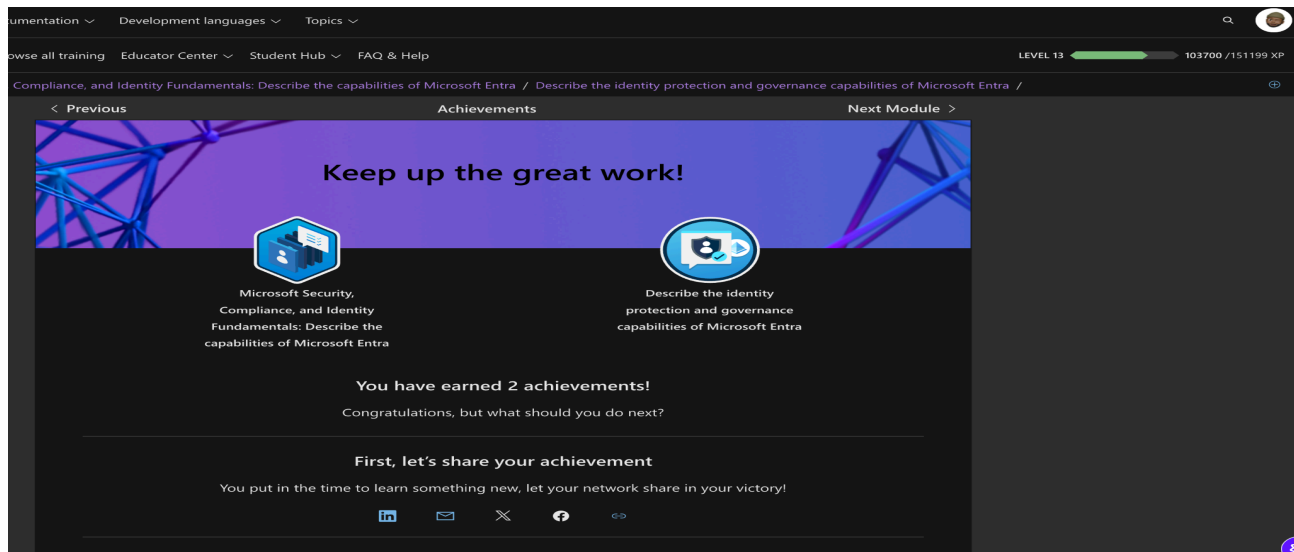
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Conclusion

In conclusion, understanding these fundamentals is crucial for establishing a strong foundation for securing and managing identities within Microsoft cloud solutions.