Microsoft ADC Cybersecurity Skilling Program
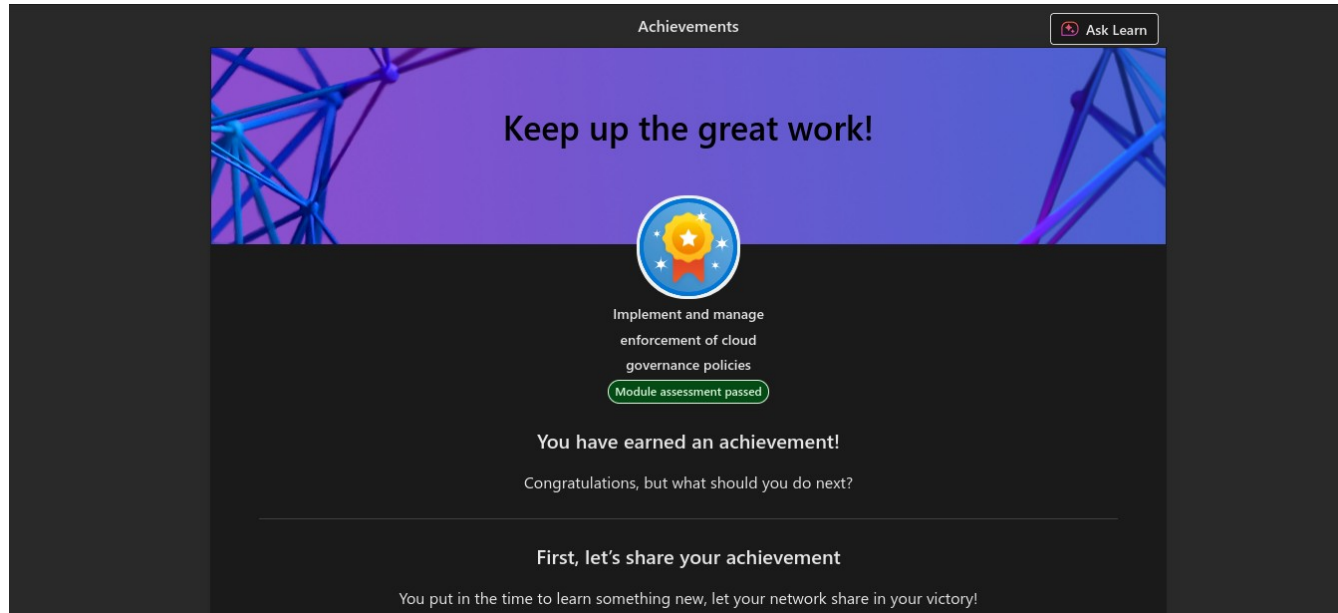
Assignment 19 -AZ-500 Learning Path: Cloud Governance

Student Name: ALEX EVANS NJIRU MBOGO

Student ID: adc-css02-25064

Modules:Cloud Governance

https://learn.microsoft.com/api/achievements/share/en-us/AlexEvans-7442/K6WH6G6B?sharingId=9597EA1B8F88A61

Summary

This module aims to provide knowledge and expertise necessary to effectively implement and manage security governance in Azure, align with organizational policies, proactively identify and remediate multicloud security risks, maintain compliance using tools like Azure Policy and Azure Blueprint, protect against external threats with Microsoft Defender for Cloud, and ensure cloud resilience through assessments, key management, and advanced threat protection.

In this module, i learned how to plan, implement, and manage governance for security in Azure, including creating and interpreting security policies with Azure Policy, configuring security settings via Azure Blueprint, deploying secure infrastructures using a landing zone, managing cryptographic keys securely with Azure Key Vault, providing recommendations for dedicated Hardware Security Module (HSM) usage, configuring access control through vault access policies and Azure RBAC, managing certificates, secrets, and keys, and configuring key rotation, backup, and recovery measures to enhance security and compliance.