Secure Azure Services and Workloads with Microsoft Defender for Cloud Regulatory Compliance Controls (SC-5002)

COURSE OVERVIEW

This learning path guides you in securing Azure services and workloads using Microsoft Cloud Security Benchmark controls in Microsoft Defender for Cloud via the Azure portal.

WHO WILL BENEFIT FROM THIS COURSE?

- Security Engineer
- Azure Security Engineers

COURSE OBJECTIVES

- Filter network traffic with a network security group using the Azure portal
- Create a Log Analytics workspace for Microsoft Defender for Cloud
- Set up Microsoft Defender for Cloud
- Configure and integrate a Log Analytics agent and workspace in Defender for Cloud
- Configure Azure Key Vault networking settings
- Connect an Azure SQL server using an Azure Private Endpoint using the Azure portal

COURSE OUTLINE

Module 1: Filter network traffic with a network security group using the Azure portal

- In this module, we will focus on filtering network traffic using Network Security Groups (NSGs) in the Azure portal. Learn how to create, configure, and apply NSGs for improved network security.

Module 2: Create a Log Analytics workspace for Microsoft Defender for Cloud

- In this module, you'll discover how to create a Log Analytics workspace in the Azure portal for Microsoft Defender for Cloud, improving data collection and security analysis.

Module 3: Set up Microsoft Defender for Cloud

- In this module, you'll learn how to implement Microsoft Defender for Cloud using the Azure portal, to strengthen security and threat detection in your Azure environment.

Module 4: Configure and integrate a Log Analytics agent and workspace in Defender for Cloud

- This module will guide you to configure and integrate a Log Analytics agent with a workspace in Defender for Cloud via the Azure portal, boosting security analysis.

Module 5: Configure Azure Key Vault networking settings

- In this module, you'll learn to configure Azure Key Vault networking settings via the Azure portal, ensuring secure and controlled access to your stored secrets.

Module 6: Connect an Azure SQL server using an Azure Private Endpoint using the Azure portal

- This module will guide you on securely connecting an Azure SQL server via Azure Private Endpoint in the Azure portal, enhancing data communication security.

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