

SC 5002- Secure Azure Services and Workloads with Microsoft Defender For Cloud Regulatory Compliance Controls



Days: 1

Prerequisites: There are no prerequisites for the course. However, to earn the Microsoft Applied Skills credential, candidates should be familiar with Azure infrastructure-as-a-service (IaaS) and platform-as-a-service (PaaS). Security capabilities in Azure. Regulatory compliance standards.

Description: 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.

OUTLINE:

LESSON 1 - EXAMINE DEFENDER FOR CLOUD REGULATORY COMPLIANCE STANDARDS

- Regulatory compliance standards in Defender for Cloud
- Microsoft cloud security benchmark in Defender for Cloud
- Improve your regulatory compliance in Defender for Cloud
- Module assessment

LESSON 2 - ENABLE DEFENDER FOR CLOUD ON YOUR AZURE SUBSCRIPTION

- Connect your Azure subscriptions
- Module assessment

LESSON 3 - FILTER NETWORK TRAFFIC WITH A NETWORK SECURITY GROUP USING THE AZURE PORTAL

- Azure resource group
- Azure Virtual Network
- How network security groups filter network traffic
- Application security groups
- Module assessment

LESSON 4 - COLLECT GUEST OPERATING SYSTEM MONITORING DATA FROM AZURE AND HYBRID VIRTUAL MACHINES USING AZURE MONITOR AGENT

- Deploy the Azure Monitor Agent
- Collect data with Azure Monitor Agent
- Module assessment

LESSON 5 - EXPLORE JUST-IN-TIME VIRTUAL MACHINE ACCESS

- Understand just-in-time virtual machine access
- Enable just-in-time access on virtual machines
- Module assessment

LESSON 6 - CONFIGURE AZURE KEY VAULT NETWORKING SETTINGS

- Azure Key Vault basic concepts
- Best practices for Azure Key Vault
- Azure Key Vault network security
- Configure Azure Key Vault firewalls and virtual networks
- Azure Key Vault soft delete overview
- Virtual network service endpoints for Azure Key Vault
- Module assessment

LESSON 7 - CONNECT AN AZURE SQL SERVER USING AN AZURE PRIVATE ENDPOINT USING THE AZURE PORTAL

- Azure Private Endpoint
- Azure Private Link
- Module assessment