

PROFESSIONAL COURSE OUTLINE

Microsoft

Program aligned

Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls

To earn this Microsoft Applied Skills credential, learners demonstrate the ability to implement regulatory compliance controls as recommended by the Microsoft cloud security benchmark.

Candidates for this credential should be familiar with Azure infrastructure as a service (IaaS) and platform as a service (PaaS). They should have experience with security capabilities in Azure, along with a working knowledge of regulatory compliance standards.

Security

Intermediate

Defender For Cloud, Azure

Applied Skill

PROGRAM CODE

Program aligned

DELIVERY

Virtual, On-site, or Hybrid

DURATION

Applied skill assessment

CERTIFICATION

Microsoft Applied Skills credential

AUDIENCE PROFILE

Who This Program Is For

Built for Administrator learners validating applied skill in Defender For Cloud, Azure.

PROGRAM SUMMARY

What This Course Covers

To earn this Microsoft Applied Skills credential, learners demonstrate the ability to implement regulatory compliance controls as recommended by the Microsoft cloud security benchmark.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

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MODULE 1

Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls

Explore network traffic filtering with Network Security Group, set up Microsoft Defender for Cloud, create a Log Analytics workspace, configure Log Analytics agent integration, Azure Key Vault networking, and connect an Azure SQL server using Azure Private Endpoint in the Azure portal. Enhance cloud security effectively. (SC-5002)

- Examine Defender for Cloud regulatory compliance standards
- Enable Defender for Cloud on your Azure subscription
- Filter network traffic with a network security group using the Azure portal
- Collect guest operating system monitoring data from Azure and hybrid virtual machines using Azure Monitor Agent
- Explore just-in-time virtual machine access
- Configure Azure Key Vault networking settings
- Connect an Azure SQL server using an Azure Private Endpoint using the Azure portal

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