SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls

Category: Networking & Security | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Secure Azure services and workloads with Microsoft Defender for Cloud
Related Exam:	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.

About This Course

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.

Prerequisites & Entry Requirements

General Prerequisites:

There are no prerequisites for the Microsoft SC-5002 course, "Secure Azure Services and Workloads with Microsoft Defender for Cloud". However, to earn the Microsoft Applied Skills credential, candidates should be familiar with the following: Azure infrastructure as a service (IaaS) and platform as a service (PaaS). Security capabilities in Azure. Regulatory compliance standards

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking settingsConnect an Azure SQL server using an Azure Private Endpoint using the Azure portal, Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking settingsConnect an Azure SQL server using an Azure Private Endpoint using the Azure portal, Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking settingsConnect an Azure SQL server using an Azure Private Endpoint using the Azure portal, Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking settingsConnect an Azure SQL server using an Azure Private Endpoint using the Azure portal, Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking settingsConnect an Azure SQL server using an Azure Private Endpoint using the Azure portal, Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking settingsConnect an Azure SQL server using an Azure Private Endpoint using the Azure portal, Course ObjectivesExamine Defender for Cloud regulatory compliance standardsEnable Defender for Cloud on your Azure subscriptionFilter network traffic with a network security group using the Azure portalCreate a Log Analytics workspace for Microsoft Defender for CloudConfigure and integrate a Log Analytics agent and workspace in Defender for CloudExplore just-in-time virtual machine accessConfigure Azure Key Vault networking

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Detailed Course Outline

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

2 - Enable Defender for Cloud on your Azure subscription

- Connect your Azure subscriptions
- Module assessment

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

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

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

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

7 - Connect an Azure SQL server using an Azure Private Endpoint using the Azure portal

- Azure Private Endpoint
- Azure Private Link
- Module assessment

, 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, Examine Defender for Cloud regulatory compliance standards, Enable Defender for Cloud on your Azure subscription, Explore just-in-time virtual machine access

□□ Certification Path

Microsoft Applied Skills: Secure Azure services and workloads with Microsoft Defender for Cloud

Exam: SC-5002

Upcoming Schedule

Available training dates for SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls:

Start Date	End Date	Location	Delivery	Price
29 Jan 2027	29 Jan 2027	Online	Virtual	€695.00

Frequently Asked Questions

Q: What delivery options are available for SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls course helps prepare you for the Microsoft Applied Skills: Secure Azure services and workloads with Microsoft Defender for Cloud certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the SC-5002 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls?

Yes, we provide corporate training, dedicated training, and closed classes for SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SC-5002: Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls, Microsoft, vILT, SC-5002

Q: Why choose Nexus Human for SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SC-5002 Secure Azure services and workloads with Microsoft Defender for Cloud regulatory compliance controls training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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