

## COURSE OUTLINE



**Course Code:** SC-900T00

**Course Name:** Microsoft Security, Compliance, and Identity

### Fundamentals

DURATION	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
1 day	Beginner	VILT/ILT	N/A	Azure Microsoft 365

### Course Overview

This course provides foundational level knowledge on security, compliance, and identity concepts and related cloud-based Microsoft solutions.

### Target Audience

- The audience for this course is looking to familiarize themselves with the fundamentals of security, compliance, and identity (SCI) across cloud-based and related Microsoft services. The content for this course aligns to the SC-900 exam objective domain. Candidates should be familiar with Microsoft Azure and Microsoft 365 and understand how Microsoft security, compliance, and identity solutions can span across these solution areas to provide a holistic and end-to-end solution.
- Before attending this course, students must have:

- General understanding of networking and cloud computing concepts.
- General IT knowledge or any general experience working in an IT environment.
- General understanding of Microsoft Azure and Microsoft 365.

**Job role:**

Student

**Exam Requirements**

SC-900

**Prerequisites**

- General understanding of networking and cloud computing concepts.
- General IT knowledge or any general experience working in an IT environment.
- General understanding of Microsoft Azure and Microsoft 365.

**Topics****Module 1****Describe security and compliance concepts.**

Learn about common security and compliance concepts that are foundational to Microsoft solutions. Topics include the shared responsibility and Zero Trust models, encryption, data residency and data sovereignty, and more.

**Learning objectives**

After completing this module, you will be able to:

- Describe the shared responsibility and the defense-in-depth security models.
- Describe the Zero-Trust model.
- Describe the concepts of encryption and hashing.
- Describe some basic compliance concepts.

**Module 2:****Describe identity concepts.**

Learn about the key concepts of authentication and authorization and why identity is important in securing corporate resources. You'll also learn about some identity-related services.

**Learning objectives**

After completing this module, you will be able to:

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- Understand the difference between authentication and authorization.
- Describe the concept of identity as a security perimeter.
- Describe identity-related services.

### **Module 3:**

#### **Describe the function and identity types of Microsoft Entra ID**

Microsoft Entra ID is Microsoft's cloud-based identity and access management solution that connects people to their apps, devices, and data. Learn about the functions and identity types supported by Microsoft Entra ID.

#### **Learning objectives**

By the end of this module, you'll be able to:

- Describe the function of Microsoft Entra ID.
- Describe the types of identities Microsoft Entra ID supports.

### **Module 4:**

#### **Describe the authentication capabilities of Microsoft Entra ID**

Learn about the authentication capabilities of Microsoft Entra ID, including multifactor authentication, and how they improve security. You'll also learn about self-service password reset (SSPR) and the password protection and management capabilities.

#### **Learning objectives**

After completing this module, you'll be able to:

- Describe the authentication methods of Microsoft Entra ID.
- Describe multifactor authentication (MFA) in Microsoft Entra ID.
- Describe self-service password reset (SSPR) in Microsoft Entra ID.
- Describe the password protection and management capabilities of Microsoft Entra ID.

### **Module 5:**

#### **Describe access management capabilities of Microsoft Entra ID**

A key function of Microsoft Entra ID is to manage access. Learn about the conditional access and how Microsoft Entra roles and role-based access control (RBAC) helps organizations manage and control access.

#### **Learning objectives**

By the end of this module, you'll be able to:

- Describe Conditional Access in Microsoft Entra ID.
  - Describe Microsoft Entra roles and role-based access control.
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## **Module 6:**

### **Describe the identity protection and governance capabilities of Azure AD**

Azure AD provides identity protection and governance capabilities. Learn about these capabilities, the use cases, and benefits.

#### **Learning objectives**

After completing this module, you will be able to:

- Describe the capabilities of identity governance in Azure.
- Describe Privileged Identity Management.
- Describe the capabilities of Azure Identity Protection.

## **Module 7:**

### **Describe core infrastructure security services in Azure**

Learn about capabilities Azure supports to protect your network, VMs, and your data.

#### **Learning objectives**

After completing this module, you will be able to:

- Learn how Azure security capabilities can protect the network
- Learn how Azure can protect your VMs
- Learn how to keep secrets safe with Azure Key Vault.

## **Module 8:**

### **Describe the security management capabilities in Azure**

Learn about Microsoft Defender for Cloud and the capabilities it brings together to protect your cloud through secure score, recommendations, and enhanced features that provide cloud workload protection.

#### **Learning objectives**

After completing this module, you'll be able to:

- Describe Microsoft Defender for Cloud.
- Describe how security policies and initiatives improve cloud security posture.
- Describe how the three pillars of Microsoft Defender for Cloud protect against cyber threats and vulnerabilities

## **Module 9:**

### **Describe security capabilities of Microsoft Sentinel**

Learn about Microsoft Sentinel a scalable, cloud-native, security information event management (SIEM) and security orchestration automated response (SOAR) solution. In this module, you'll also be introduced to Microsoft Security Copilot.

#### **Learning objectives**

After completing this module, you'll be able to:

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- Describe the security concepts for SIEM and SOAR.
- Describe how Microsoft Sentinel provides threat detection and mitigation.
- Describe Microsoft Security Copilot.

#### **Module 10:**

##### **Describe threat protection with Microsoft Defender XDR**

Protect against cyber threats with Microsoft Defender XDR across endpoints, identities, email, and applications.

##### **Learning objectives**

After completing this module, you'll be able to:

- Describe the Microsoft Defender XDR service.
- Describe how Microsoft Defender XDR provides integrated protection against sophisticated attacks.
- Describe and explore Microsoft Defender portal.

#### **Module 11**

##### **Describe Microsoft's Service Trust portal and privacy capabilities**

Microsoft runs on trust! Here you'll explore the Service Trust Portal for content on how Microsoft delivers on our commitment of trust. You'll also learn about Microsoft Priva, a solution to help meet privacy goals.

##### **Learning objectives**

After completing this module, you'll be able to:

- Describe the offerings of the Service Trust Portal.
- Describe Microsoft's Privacy principles.
- Describe Microsoft Priva.

#### **Module 12**

##### **Describe the compliance management capabilities in Microsoft Purview**

Explore the Microsoft Purview compliance portal, the portal for organizations to manage their compliance needs. Learn about the Compliance Manager and compliance score, which can help organizations manage, simplify, and improve compliance across their organization.

##### **Learning objectives**

After completing this module, you'll be able to:

- Describe the Microsoft Purview compliance portal.
  - Describe Compliance Manager.
  - Describe the use and benefits of compliance score.
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### Module 13

#### **Describe information protection, data lifecycle management, and data governance capabilities in Microsoft Purview**

Microsoft Purview is a comprehensive set of solutions that help you govern, protect, and manage your entire data estate, providing unified data governance and risk management for your organization.

#### **Learning objectives**

After completing this module, you'll be able to:

- Describe data classification capabilities.
- Describe records management.
- Describe data loss prevention.
- Describe unified data governance.

### Module 14

#### **Describe the insider risk capabilities in Microsoft Purview**

Insider risks are a top concern for organizations. These risks can be challenging to identify and mitigate. Learn how Microsoft Purview enables organizations to identify, analyze, and remediate internal risks before they cause harm.

#### **Learning objectives**

After completing this module, you'll be able to:

- Describe insider risk management.
- Describe communication compliance.

### Module 15

#### **Describe the eDiscovery and Audit capabilities in Microsoft Purview**

Organizations may need to identify, collect, and/or audit information for legal, regulatory, or business reasons. Learn how the eDiscovery and audit capabilities of Microsoft Purview help organizations find relevant data quickly.

#### **Learning objectives**

After completing this module, you'll be able to:

- Describe the eDiscovery capabilities of Microsoft Purview.
- Describe the auditing capabilities of Microsoft Purview.

## Exams and Certifications

A Certificate of completion is issued at the end of the Course.

Schedule your Microsoft exam here: [Microsoft :: Pearson VUE](#)

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