

SC-900: Microsoft Security Fundamentals Exam Study Guide

April 1, 2022 by [manish](#)

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In this post, we will discuss with you how to prepare and pass the **Microsoft Azure SC-900 Exam** (Azure Security, Compliance, and Identity Fundamentals) successfully.

The topics covered in this blog are:

- [What is SC-900 Exam?](#)
- [Who Can Do This Certification?](#)
- [Benefits of SC-900 Certification](#)
- [SC-900 Exam Details](#)
- [SC-900 Exam Skills Measured](#)
- [How to Register for Azure SC 900 Exam](#)

- [Pre-requisites for SC-900 Certification](#)
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- [SC 900 Exam Retake Policy](#)
- [Conclusion](#)

What Is the SC-900 Exam?

The SC-900 Certification (Security, Compliance, and Identity Fundamentals) is designed for people who want to become familiar with the fundamentals of SCI across cloud-based and related Microsoft services. It is developed for a broad audience that may include business stakeholders, fresher IT students, and existing IT professionals that have an interest in Microsoft SCI (Security, Compliance, and Identity) Solutions.

- Security, compliance, and identity
- Microsoft identity and access management solutions
- Microsoft security solutions
- Microsoft compliance solutions



Are you a beginner in the Azure cloud? Do check out our blog post on the [Azure Certification Path](#) and choose the best certification for you.

Who Can Do This Certification?

The SC-900 test is designed for three types of people. They are as follows:

1. Shareholders of a business.
2. New or present IT professionals.
3. Students who are interested in security, compliance, and identity solutions.

Benefits of SC-900 Certification

- This certification serves as a starting point for anyone interested in learning more about Microsoft security.
- It helps you understand all the different options available with Microsoft365 and [Azure](#) in terms of security
- It will be crucial if you wish to shift from traditional to cloud security
- As a manager, it may help you communicate more effectively with your customers and team.
- You'd be able to collaborate with Security solutions architects and Security operations analysts to keep the company's security posture up to date.

Also Check: [Azure Data Factory Interview Questions](#)

SC-900 Exam Details

Exam Name Exam SC-900: Microsoft Security, Compliance, and Identity Fundamentals	Exam Duration 180 Minutes
Exam Fee \$99	Number of Questions 110 Questions

Exam Type Multiple Choice Examination	Exam Languages English, Japanese, Korean, Spanish, and Portuguese
Passing Marks 700	Exam validity Lifetime

SC-900 Exam Skills Measured

Describe the concepts of security, compliance, and identity	10-15%
Describe the capabilities of Microsoft identity and access management solutions	30-35%
Describe the capabilities of Microsoft security solutions	35-40%
Describe the capabilities of Microsoft compliance solutions	25-30%

How to Register for Azure SC 900 Exam

Registering for an SC-900 exam is very easy. you can easily register for this exam by clicking on this [link](#) and you can schedule a time and date to give the exam.

Exam SC-900: Microsoft Security, Compliance, and Identity Fundamentals


Languages: English, Japanese, Chinese (Simplified), Korean, French, Spanish, Portuguese (Brazil), Russian, Arabic (Saudi Arabia), Indonesian (Indonesia), German, Chinese (Traditional), Italian

Retirement date: none

This exam measures your ability to describe the following: concepts of security, compliance, and identity; capabilities of Microsoft identity and access management solutions; capabilities of Microsoft security solutions; and capabilities of Microsoft compliance solutions.

[Schedule with Pearson VUE >](#)

For students or instructors

United States 

\$99 USD*

Price based on the country in which the exam is proctored.

Schedule with Certiport >

Official practice test for Microsoft Security, Compliance, and Identity Fundamentals
All objectives of the exam are covered in depth so you'll be ready for any question on the exam.

Pre-requisites for SC-900 Certification

Freshers or experienced professionals trying SC-900 Exam must have general knowledge and necessary experience in the IT environment. They should also have a basic grasp of Microsoft365 and [Azure Services](#).

SC 900 Study Guide

Describe the Concepts of Security, Compliance, and Identity (5-10%)

Describe security and compliance concepts & methodologies

- describe the Zero-Trust methodology
 - [zero-trust methodology](#)
 - [What is Zero Trust?](#)
 - [Implementing a Zero Trust security model at Microsoft](#)
- describe the shared responsibility model
 - [shared responsibility model](#)
 - [Shared responsibility in the cloud](#)
 - [Shared Responsibility for Cloud Computing](#)
- define defense in depth
 - [Describe defense in depth](#)
 - [What is Defense-in-depth](#)
 - [Defense in depth security](#)
- describe common threats
 - [Understanding malware & other threats](#)
 - [10 Common Security Threats in the Enterprise](#)

- describe encryption and hashing
 - [What is encryption, and how does it work?](#)
 - [Encryption hashing and signing](#)
- describe cloud adoption framework
 - [What is the Microsoft Cloud Adoption Framework for Azure?](#)
 - [What is Cloud Adoption Framework?](#)

Define identity concepts

- define identity as the primary security perimeter
 - [Define Identity as the primary security perimeter](#)
 - [Four Pillars of Identity](#)
- define authentication
 - [What is Authentication](#)
- define authorization
 - [What is Authorization?](#)
 - [Authentication vs. authorization](#)
- describe what identity providers are
 - [What is an identity provider \(IdP\)?](#)
 - [Identity Providers for External Identities](#)
- describe what Active Directory is
 - [Understanding Active Directory](#)
- describe the concept of Federated services
 - [Describe the concept of Federated Services](#)
- define common Identity Attacks
 - [5 Identity Attacks That Exploit Your Broken Authentication](#)

Describe the capabilities of Microsoft Identity and Access Management Solutions (25-30%)

Describe the basic identity services and identity types of Azure AD

- describe what Azure Active Directory

- [What is Azure Active Directory?](#)
- [Describe what is Azure Active Directory](#)
- describe Azure AD identity types (users, devices, groups, service principals/applications)
 - [Describe Azure AD identity types](#)
- describe what hybrid identity is
 - [Describe the concept of hybrid identities](#)
- describe the different external identity types (Guest Users)
 - [Describe the types of external identities](#)

Describe the authentication capabilities of Azure AD

- describe the different authentication methods
 - [Describe the different authentication methods of Azure AD](#)
 - [Authentication and verification methods in Azure Active Directory](#)
- describe self-service password reset
 - [SSPR in Azure AD](#)
 - [How does Azure AD self-service password reset work?](#)
- describe password protection and management capabilities
 - [Password protection and management capabilities of Azure AD](#)
 - [Eliminate bad passwords using Azure AD Password Protection](#)
 - [Eliminate bad passwords using Azure AD Password Protection](#)
- describe Multi-factor Authentication
 - [MFA in Azure AD](#)
 - [How Azure AD MFA works?](#)
 - [Configure Azure AD MFA](#)
- describe Windows Hello for Business
 - [Windows Hello for Business Overview](#)

Describe access management capabilities of Azure AD

- describe what conditional access is
 - [What is Conditional Access?](#)

- describe uses and benefits of conditional access
 - [Describe Conditional Access and its benefits](#)
- describe the benefits of Azure AD roles
 - [What is Azure role-based access control?](#)
 - [Understand different roles](#)

Describe the identity protection & governance capabilities of Azure AD

- describe what identity governance is
 - [What is Azure AD Identity Governance?](#)
 - [Describe identity governance in Azure AD](#)
- describe what entitlement management and access reviews is
 - [What is Azure AD entitlement management?](#)
 - [What are Azure AD access reviews?](#)
 - [Describe what is entitlement management and access reviews](#)
- describe the capabilities of PIM
 - [What is Azure AD Privileged Identity Management?](#)
 - [Describe the capabilities of Privileged identity Management](#)
- describe Azure AD Identity Protection
 - [What is Identity Protection?](#)
 - [Describe Azure Identity Protection](#)

Describe the capabilities of Microsoft Security solutions (30-35%)

Describe basic security capabilities in Azure

- describe Azure Network Security groups
 - [Network security groups](#)
 - [Describe Azure Network Security groups](#)
- describe Azure DDoS protection
 - [Describe Azure DDoS protection](#)

- [Azure DDoS Protection Standard overview](#)
- describe what Azure Firewall is
 - [Describe what is Azure Firewall](#)
 - [What is Azure Firewall?](#)
- describe what Azure Bastion is
 - [Describe what is Azure Bastion](#)
 - [What is Azure Bastion?](#)
- describe what a Web Application Firewall is
 - [Describe what is Web Application Firewall](#)
 - [What is Azure Web Application Firewall?](#)
- describe ways Azure encrypts data
 - [Encryption options in Azure](#)
 - [Azure encryption overview](#)

Describe the security management capabilities of Azure

- Describe the Azure Security center
 - [What is Azure Security Center?](#)
 - [Explore Azure Security center](#)
- Describe Azure Secure score
 - [Secure score in Azure Security Center](#)
 - [Explore Azure Secure score](#)
- Describe the benefit and use cases of Azure Defender
 - [Benefits & use cases of Azure Defender](#)
 - [Introduction to Microsoft Defender for servers](#)
- Describe Cloud Security Posture Management (CSPM)
- Describe security baselines for Azure
 - [Describe security baselines for Azure](#)
 - [Azure security baseline for Security Center](#)
 - [Azure security baseline for Azure Resource Manager](#)
 - [Azure security baseline for Azure Monitor](#)
 - [Azure security baseline for Azure Virtual Desktop](#)
 - [Azure security baseline for Virtual Network](#)

Describe the security capabilities of Microsoft Sentinel

- define the concepts of SIEM, SOAR, XDR
 - [Define the concepts of SIEM, SOAR, XDR](#)
 - [SIEM, SOC, SOAR, MDR, EDR & XDR Defined](#)
- describe how of Microsoft Sentinel provides integrated threat protection
 - [how Microsoft Sentinel provides integrated threat protection](#)
 - [Integrated threat protection with SIEM and XDR](#)

Describe threat protection with Microsoft 365 Defender

- describe Microsoft 365 Defender services
 - [Describe Microsoft 365 Defender services](#)
 - [Microsoft 365 Defender](#)
- describe Microsoft Defender for Identity (formerly Azure ATP)
 - [What is Microsoft Defender for Identity?](#)
 - [Describe Microsoft Defender for Identity](#)
- describe Microsoft Defender for Office 365 (formerly Office 365 ATP)
 - [Describe Microsoft Defender for Office 365](#)
 - [Microsoft Defender for Office 365 security overview](#)
- describe Microsoft Defender for Endpoint (formerly Microsoft Defender ATP)
 - [Microsoft Defender for Endpoint](#)
 - [Describe Microsoft Defender for Endpoint](#)
- describe Microsoft Defender for Cloud Apps
 - [Microsoft Defender for Cloud Apps overview](#)
 - [Describe Microsoft Defender for Cloud Apps](#)

Describe the security management capabilities of Microsoft 365

- describe the Microsoft 365 Defender portal
 - [Microsoft 365 security center overview](#)

- [Microsoft 365 Defender Portal Now Combines Security Signals from End Points and E-Mails](#)
- describe how to use Microsoft Secure Score
 - [Microsoft Secure Score](#)
 - [how to use Microsoft Secure Score](#)
- describe security reports and dashboards
 - [Explore security reports and dashboards](#)
 - [Security dashboard in the Security & Compliance Center](#)
- describe incidents and incident management capabilities
 - [Describe incidents capabilities](#)
 - [Incident management overview](#)

Describe endpoint security with Microsoft Intune

- describe what Intune is
 - [what is Intune?](#)
 - [Microsoft Intune Overview](#)
- describe endpoint security with Intune
 - [Describe endpoint security with Intune](#)
 - [Manage endpoint security in Microsoft Intune](#)
- describe the endpoint security with the Microsoft Endpoint Manager admin center
 - [Microsoft Endpoint Manager overview](#)
 - [Walkthrough Intune in Microsoft Endpoint Manager](#)

Describe the capabilities of Microsoft compliance solutions (25-30%)

Describe the compliance management capabilities in Microsoft

- describe the offerings of the Service Trust portal
 - [Introducing the Service Trust Portal](#)
 - [Service Trust Portal offering](#)

- describe Microsoft's privacy principles
 - [Describe Microsoft's privacy principles](#)
 - [Microsoft Privacy principles](#)
- describe the compliance center
 - [Describe the Compliance Center](#)
 - [Microsoft 365 compliance center](#)
- describe compliance manager
 - [Describe Compliance Manager](#)
 - [Microsoft Compliance Manager](#)
- describe the use and benefits of the compliance score
 - [Understanding your compliance score](#)
 - [Use and benefits of compliance score](#)

Describe information protection and governance capabilities of Microsoft 365

- describe data classification capabilities
 - [Learn about data classification](#)
 - [Data classification capabilities in the Microsoft 365 Compliance Center](#)
- describe the value of content and activity explorer
 - [Get started with content explorer](#)
 - [Get started with activity explorer](#)
- describe sensitivity labels
 - [Learn about sensitivity labels](#)
 - [Describe sensitivity labels and policies](#)
- describe Retention Policies and Retention Labels
 - [Learn about retention policies and retention labels](#)
 - [Describe retention policies and retention labels](#)
- describe Records Management
 - [Records management in Microsoft 365](#)
 - [Describe records management](#)
- describe Data Loss Prevention

- [Describe data loss prevention](#)
- [Data loss prevention Overview](#)
- [Data loss prevention in Exchange Online](#)

Describe insider risk capabilities in Microsoft 365

- describe an Insider risk management solution
 - [What is an Insider risk management solution?](#)
 - [Insider risk management in Microsoft 365](#)
- describe communication compliance
 - [What is communication compliance?](#)
 - [Communication compliance in Microsoft 365](#)
- describe information barriers
 - [Information barriers](#)
 - [Information barriers in Microsoft 365](#)
 - [Information barriers in Microsoft Teams](#)
- describe privileged access management
 - [Privileged access management](#)
 - [Privileged access management in Microsoft 365](#)
- describe customer lockbox
 - [Customer Lockbox](#)
 - [Customer Lockbox for Microsoft Azure](#)
 - [Announcing Customer Lockbox for Office 365](#)

Describe the eDiscovery and audit capabilities of Microsoft 365

- describe the purpose of eDiscovery
 - [What's the purpose of eDiscovery?](#)
 - [eDiscovery solutions in Microsoft 365](#)
- describe the capabilities of the content search tool
 - [Create a content search](#)
 - [Capabilities of the content search tool](#)
- describe the core eDiscovery workflow

- [Explore the Core eDiscovery workflow](#)
- [What is the core eDiscovery workflow?](#)
- describe the advanced eDiscovery workflow
 - [Advanced eDiscovery workflow](#)
 - [Overview of Microsoft 365 Advanced eDiscovery](#)
- describe the core audit capabilities of M365
 - [What are the core audit capabilities of Microsoft 365?](#)
- describe the purpose and value of Advanced Auditing
 - [Advanced Audit in Microsoft 365](#)
 - [The purpose and value of Advanced Auditing](#)

Describe resource governance capabilities in Azure

- describe the use of Azure Resource locks
 - [Azure Resource Manager locks](#)
 - [Lock resources to prevent unexpected changes](#)
- describe what Azure Blueprints is
 - [What is Azure Blueprints?](#)
 - [Use of Azure Blueprints](#)
- define Azure Policy and describe its use cases
 - [Azure Policy](#)
 - [What is Azure Policy?](#)

SC 900 Exam Retake Policy

The SC-900 exam retake policy is as follows:

1. If a candidate fails on the first attempt, they must wait for 24 hours before retaking the exam.
2. If a candidate again fails on the second attempt, then the candidate will have to wait for 14 days.

Conclusion

I hope you liked the SC-900 Exam Study Guide and that it will help you prepare for the exam. Have I missed any of the links or do you have any recommended SC-900 exam study resources?

Please let me know in the comment section.

Related/References

- [AZ-900: Azure Fundamentals Certification Study Guide](#)
- [AI-900: Azure AI Fundamentals Certification Study Guide](#)
- [DP-900: Azure Data Fundamentals Certification Study Guide](#)
- [Azure Durable Functions](#)
- [What is Microsoft Azure Recovery Services Vault?](#)
- [Introduction to Microsoft Azure Blueprints](#)
- [What is Azure ExpressRoute?](#)



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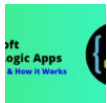
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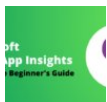
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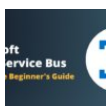
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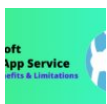
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