

Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900)

This Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900) training covers the objectives in the SC-900 exam, which is the one required exam to earn the Microsoft Certified: Security, Compliance, and Identity Fundamentals certification. Use this SC-900 exam prep to earn your Microsoft certification, and validate foundational IT skills.

[CBT Nuggets course material](#) →

WEEK 1

Zero-Trust, Foundational Elements, and Shared Responsibility 161 min.

Zero-Trust Methodology	15
Foundational Elements	12
The Shared Responsibility Model	17
Security and Compliance Pop Quiz	2

Defense in Depth and Firewalls

Overview	1
Defense in Depth Pillars	14
Traditional Defense in Depth	11
Azure Defense in Depth	12
Windows Firewall	8

Common Threats and Encryption

Overview	1
Phishing, Data Breaches, and Ransomware	10
Passwords and Cryptojacking	11
Scanning, Eavesdropping, and Man-in-the-Middle	9
Describe Encryption and Cloud Adoption Framework	12
Summary Quiz	3

Define Identity Concepts

Overview	1
Identity as the Primary Security Perimeter	7
Authentication, Authorization, and Accounting	12

WEEK 2

156 min.

Active Directory Features	10
Identity Providers and Federations	11
Define Identity Concepts Quiz	9

Describe the Basic Identity Services and Identity Types of Azure AD

Overview	1
Describe What Azure Active Directory Is	18
Create an Azure Account	17
Hybrid Identity Synchronization	14

Understanding Devices in Azure AD and Password Management

Overview	1
Joining to Azure Active Directory	8
Registering a Device to Azure Active Directory	8
Hybrid Join a Device	2
External Identity Types	11
Intune and Microsoft Endpoint Management	15
Azure Active Directory Password Protection	8
Self-Service Password Reset	8

Describe the Authentication Capabilities of Azure AD

Overview	1
Describe the Different Authentication Methods	11

Authenticate with Picture Password	4
Authenticate with Fingerprint	6
Authenticate with Facial Recognition	6
Authenticate with a Security Key	3
Windows Hello for Business	11

Identity Protection & Governance Capabilities of Azure AD

Overview	1
Understand Identity Governance	11
Use Cases for Identity Governance	5
Create an Access Package	12
Describe the Capabilities of PIM	13
Describe Azure AD Identity Protection	10

Describe Threat Protection With Microsoft Defender

Overview	1
Microsoft Defender For Cloud Apps	15
Microsoft Defender for Endpoint	8
Implementing Microsoft Defender for Identity	4
Integrating Microsoft Defender With Endpoint Manager	5
Configuring Endpoint Security	9
Disk Encryption and Firewall Policies	5
Attack Surface Reduction	8

Describe Security Management Capabilities of Azure

Overview	1
Microsoft Defender For Cloud	7

WEEK 3

152 min.

Configure Authenticator and PIN	4
---------------------------------	---

WEEK 4**158 min.**

Onboarding Non-Azure Servers To Defender For Cloud	12
SIEM, SOAR And XDR	7
Managing Identity Access In Azure	14
Security Baselines	8

Describe Basic Security Capabilities in Azure

Overview	1
Introduction To Azure Security Capabilities	3
Azure Network Security groups.	21
Azure DDoS Protection	10
Azure Firewall	6
Azure Bastion	9
Azure Encryption And WAFs	6

Describe Endpoint Security With Microsoft Intune

Overview	1
Planning Intune Device Enrollment.	7
Auto-Device Enrollment	8
Joining Devices to Azure AD	6
Endpoint Security	11
Conditional Access Policies	10
Attack Surface Reduction	7

Describe Security Management Capabilities of Microsoft 365

Exploring The Microsoft 365 Defender Portal	8
---	---

WEEK 5**155 min.**

Advanced Threat Hunting	13
Microsoft Secure Score	14
Exploring Security Reports	11

Microsoft eDiscovery and Audit Capabilities

Overview	1
Working With eDiscovery	10
Using eDiscovery Content Search	7
Deleting Malicious Emails	6
Creating Audit Retention Policies	8
Usage Reports	5
Insider Risk Management	12

Microsoft 365 Information Protection and Governance Capabilities

Overview	1
Data Classification	6
Data Loss Prevention Policies	7
Records Management	12
Configuring Retention Policies	12
Protecting Documents With Sensitivity Labels	8
Using Content Search To Explore User Activity	5

Compliance And Insider Risk Capabilities Management

Overview	1
Planning Compliance Solutions	7
Planning For Device Compliance	6

WEEK 6

166 min.

Configuring Device Compliance	5
Communication Compliance Policies	6
Understanding Your Compliance Score	10
Securing Information And Resources	12

Reviewing Microsoft Purview Features

Overview	1
Compliance Manager with Purview	12
Data Classification within Purview	8
Information Protection within Purview	6
Data Loss Prevention (DLP) within Purview	10
Data Lifecycle Management within Purview	12
Insider Risk Management in Purview	6

Working Azure AD Identity Types and Services

Overview	1
Getting Started With Azure AD	6
Working With Azure Active Directory	11
Azure AD Identity Types	8
Service Principal and Managed Identity in Azure AD	4
Configuring Identity Synchronization	13
Dealing With External Identities	3

Describe Information Protection and Data Lifecycle Management

Overview	1
Describe Data Classification	6
Working With Data Loss Prevention	3

Data Loss Prevention Policies	19
-------------------------------	----

WEEK 7

157 min.

Testing Data Loss Prevention Policy Functionality	11
Describe Sensitivity Labels and Records Management	3
The Benefits of Content Activity Explorer	4

Describe Insider Risk Capabilities in Microsoft Purview

Overview	1
Describe Insider Risk Management	8
Managing Communication Compliance	11
Verifying Communication Compliance	5
Describe Information Barriers	14
Describing Azure Policy And Blue Prints	9

Overview	1
What's Your Identity?	3
Define Authentication	7
Enabling Multifactor Authentication	6
Define Authorization	5
Exploring Identities in Active Directory	9
Exploring Azure Active Directory	7
Federated Services	7
Define Identity and Security Perimeter	4

Describe Authentication Capabilities of Azure AD

Overview	1
----------	---

Managing Azure Identity Access	14
Describe Windows Hello for Business	5
Azure AD Authentication	9
Configuring Self Service Password Reset (SSPR)	10

WEEK 8

152 min.

Configuring Dynamic Groups in Azure	9
-------------------------------------	---

Describe Microsoft Security Solutions Capabilities

Overview	1
Describe Network Segmentation With Azure Virtual Networks	6
Segmenting Resources in Azure	14
Describe Azure Bastion	10
Describe JIT	7
Azure AD Security	9

Microsoft Purview

Overview	1
Microsoft Purview	5
Improving Compliance Score With Microsoft purview	9
Verifying Improvement Actions	9
Managing Improvement Actions	7
Working With Compliance Assessments	14
Compliance Alert Policies	4

Unified Data Governance Solutions

Overview	1
Data Governance	4

Implementing Data Retention Labels	9
Publishing Labels	6
Compliance Alert Policies	4
Managing Improvement Actions	7
Working With Compliance Assessments	13

WEEK 9

1 min.