

Trainer Preparation Guide: SC-900T00A – Microsoft Security, Compliance, and Identity Fundamentals

Purpose

This document is for Microsoft Certified Trainers (MCTs) who are preparing to teach **SC900T00-A – Microsoft Security, Compliance, and Identity Fundamentals**.

About this course

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

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.

This course is suitable for a broad audience that may include business stakeholders, new or existing IT professionals, or students that have an interest in Microsoft security, compliance, and identity solutions.

The person taking this content should be familiar with Microsoft Azure and Microsoft 365 and wants to understand how Microsoft security, compliance, and identity solutions can span across these solution areas to provide a holistic and end-to-end solution.

This course combines lecture, videos, and interactive click-through guides and will help prepare someone for the SC-900 exam.

Note: To pass the certification test, studying outside the course may be required to ensure all the concepts are fully understood.

Certification exam

This course is intended to prepare students for the [SC-900: Microsoft Security, Compliance, and Identity Fundamentals](#) exam.

This exam has four general study areas. Each study area has a percentage indicating the relative weight of the exam area. The higher the percentage, the more questions students are likely to see in that area. Additional details regarding the topics covered in each of these study areas is included in the [exam skills outline](#) and is linked in the exam document referenced above.

Study Areas	Weights
Describe the Concepts of Security, Compliance, and Identity	5-10%
Describe the capabilities of Microsoft Identity and Access Management Solutions	25-30%
Describe the capabilities of Microsoft Security Solutions	30-35%
Describe the Capabilities of Microsoft Compliance Solutions	25-30%

✓ This exam is not a prerequisite for any other exam nor is any other exam a prerequisite for this SC900 exam. It is a standalone exam offering.

Student Prerequisites

The general knowledge prerequisites for taking this course are:

- 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.

Course Design

The course is organized into four modules each module supporting an exam study area.

- Module 01 – Describe the Concepts of Security, Compliance, and Identity
- Module 02 – Describe the capabilities of Microsoft Identity and Access Management Solutions
- Module 03 – Describe the capabilities of Microsoft Security Solutions
- Module 04 – Describe the Capabilities of Microsoft Compliance Solutions

PowerPoint slides

PowerPoint slides are provided to help you teach the course:

- There is a Module 00 PowerPoint file to introduce the course to the students.
- Additionally, each module has its own separate PowerPoint file.

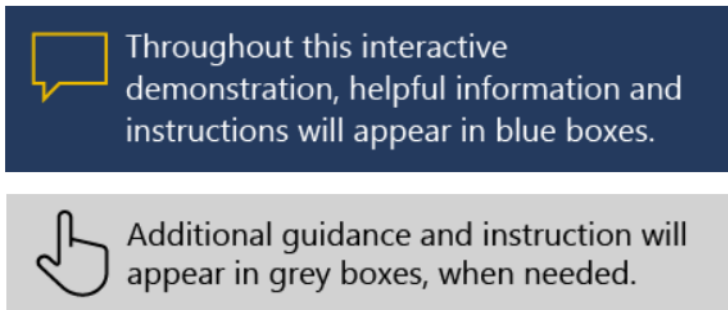
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Interactive click-through guides

In this course, there are many short (3-7 minutes) interactive click-through guides. These guides are simulations that walk the learner through specific capabilities and tasks. They are made available help familiarize the learner with the environment in an interactive manner, in the absence of an actual tenant.

The interactive click-through guides are available as hyperlinks in the Skillpipe content, in the instructor PPT slides, and in the table below. Interactive click-through guides are also available in the corresponding content in Microsoft Learn.

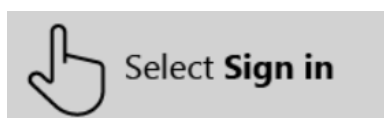
The interactive guides will provide helpful information and instructions in blue dialog boxes and additional guidance in grey boxes, when needed. These are shown below.



As an example, when going through the interactive guide on the Service Trust Portal, a blue instruction box may prompt the user to select **Sign in** on the top right of the simulation.



If the user selects a different area of the screen, the grey box will pop-up near the area of the screen the user needs to select, to advance through the interactive guide.



The available interactive click-through guides are listed below. Instructors will need to decide which, if any, of the interactive click-through guides to use in class.

Module/Lesson/Topic	Interactive guide	URL
Module 2, Lesson 1, Topic 3: Describe the Azure AD Identity types	Create a New User in Azure Active Directory	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M02%20-%20Create%20a%20New%20User%20in%20Azure%20Active%20Directory/index.html
Module 2, Lesson 2, Topic 5: Describe self-service password reset in Azure AD	Enable SSPR in Azure Active Directory	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M03%20-%20Enable%20SSPR%20in%20Azure%20Active%20Directory/index.html
Module 2, Lesson 3, Topic 2: Describe conditional access in Azure AD	Create a Conditional Access Policy	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP02M04%20-%20Create%20a%20Conditional%20Access%20Policy/index.html
Module 3, Lesson 2, Topic 4: Describe Azure Secure Score	Use Azure secure score to improve your security posture	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP03M02%20-%20Use%20Azure%20secure%20score%20to%20improve%20your%20security%20posture/index.html
Module 3, Lesson 4, Topic 6: Describe Microsoft Cloud App Security	Describe threat protection with Microsoft 365	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP03M04%20-%20Describe%20threat%20protection%20with%20Microsoft%20365/index.html
Module 4, Lesson 1, Topic 3: Explore the Service Trust Portal	Explore the Service Trust Portal	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP01M02%20Explore%20the%20Service%20Trust%20Portal/index.html
Module 4, Lesson 1, Topic 5: Describe the Compliance Center	Explore Compliance Center	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M02%20-%20Explore%20Compliance%20Center/index.html
Module 4, Lesson 1, Topic 7: Describe compliance score	Explore Compliance Score	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M02%20-%20Explore%20Compliance%20Score/index.html
Module 4, Lesson 4, Topic 4: Describe the core eDiscovery workflow	Use eDiscovery to help with investigations	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M05%20-%20Use%20eDiscovery%20to%20help%20with%20investigations/index.html
Module 4, Lesson 4, Topic 6: Describe the core audit capabilities of Microsoft 365	Search the audit log	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M06%20-%20Search%20the%20audit%20log/index.html
Module 4, Lesson 5, Topic 2: Describe the use of Azure Resource locks	Use Azure resource lock to lock resources	https://edxinteractivepage.blob.core.windows.net/edxpages/Security%20fundamentals/LP04M07%20-%20Use%20Azure%20resource%20lock%20to%20lock%20resources/index.html

Videos

In this course, there are several videos, which are available as hyperlinks in the Skillpipe content, in the instructor PPT slides, and in the table below. All the videos are also available in the corresponding content in Microsoft Learn.

Some videos are informational while others are a more detailed walk-through showing the user interface for the referenced topic. Instructors will need to decide which, if any, videos to use in class.

Module/Lesson/Topic	Duration (min)	Title	URL
Module 1, Lesson 1, Topic 2: Describe the Zero-Trust methodology	2.00	Zero Trust (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4J3ms
Module 1, Lesson 1, Topic 7: Describe the cloud adoption framework	1.80	Cloud adoption framework video (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4tyzr
Module 1, Lesson 2, Topic 4: Modern Authentication and the role of the identity provider	4.50	Azure AD Authentication Fundamentals (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4Kdt9
Module 2, Lesson 2, Topic 2: Describe the different authentication methods of Azure AD	1.88	The new sign-in standard: Passwordless authentication (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4zhD7
Module 2, Lesson 3, Topic 2: Describe conditional access in Azure AD	1.50	Azure AD Conditional Access (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4INyl
Module 2, Lesson 4, Topic 3: Describe entitlement management, access reviews and terms of use	3.00	AD entitlement management (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4JXQr
Module 2, Lesson 4, Topic 4: Describe the capabilities of Privileged Identity Management	5.50	Privileged identity Management (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4ILbu
Module 3, Lesson 3, Topic 3: Describe integrated threat protection with Sentinel	9.50	Azure Sentinel (walk-through)	https://www.microsoft.com/en-us/videoplayer/embed/RE4LHLR
Module 3, Lesson 4, Topic 2: Describe Microsoft 365 Defender services	3.50	M365 Defender Overview (informational)	https://www.microsoft.com/en-us/videoplayer/embed/RE4IPYr

Module 3, Lesson 5, Topic 5: Describe Microsoft incidents and management capabilities	4.20	M365Defender-Incident (walk-through)	https://www.microsoft.com/en-us/videoplayer/embed/RE4J3mt
Module 3, Lesson 6, Topic 3: Describe endpoint security with Intune.	8.36	Explore endpoint security (walk-through)	https://www.microsoft.com/en-us/videoplayer/embed/RE4LTIu
Module 4, Lesson 1, Topic 6: Describe Compliance Manager	1.50	Compliance Manager	https://www.microsoft.com/en-us/videoplayer/embed/RE4FGYZ
Module 4, Lesson 2, Topic 3: Describe data classification capabilities of compliance center	4.35	Data Classification in the M365 Compliance Center (walk-through)	https://www.microsoft.com/videoplayer/embed/RE4vx8x
Module 4, Lesson 3, Topic 3: Describe communication compliance	7.00	Detect Workplace Harassment & Respond - Communication Compliance in Microsoft 365 (walk-through)	https://www.microsoft.com/videoplayer/embed/RE4xlaF
Module 4, Lesson 3, Topic 5: Describe privileged access management	5.70	Privileged Access Management (walk-through)	https://www.microsoft.com/videoplayer/embed/RE4xqtC

Labs and demos

Labs and demo scripts are introduced as part of the updates published on June 25, 2021 and are available on GitHub [MicrosoftLearning/SC-900-Microsoft-Security-Compliance-and-Identity-Fundamentals](https://github.com/MicrosoftLearning/SC-900-Microsoft-Security-Compliance-and-Identity-Fundamentals). As stated in the Readme.md file, both the demo scripts and labs assume access to the preconfigured WWL M365 Enterprise 2019 SPE_E5 tenant, available through an authorized lab hoster (ALH) and the use of an Azure subscription using an Azure pass. The Azure pass is called for to ensure that the Azure subscription is setup using the same credentials as the Microsoft 365 tenant provided by the ALH (i.e., the Azure pass is redeemed using the same credentials as the Microsoft 365 tenant). This enables a more seamless experience when moving between Microsoft 365 and Azure.

Some demo scripts and lab instructions may be run on a user's own Microsoft 365 tenant and Azure subscription, but are not guaranteed, as some features may not be enabled with a user's personal subscription. Instructors who choose to run demo scripts with a personal or trial subscription should verify the script can be successfully executed in their environment.

The user interfaces (UI) for Microsoft 365 and Azure are continually being updated. As these changes happen every effort is made to ensure demo and lab steps are updated to reflect

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changes, but it is not uncommon to see variances in the UI described in the labs/demos and the actual tenant.

Demo scripts:

- Demo scripts are available on GitHub by going to : [MicrosoftLearning/SC-900-Microsoft-Security-Compliance-and-Identity-Fundamentals](https://github.com/MicrosoftLearning/SC-900-Microsoft-Security-Compliance-and-Identity-Fundamentals) and selecting **Instructions -> Demos**. The list of available demo scripts is listed in the table below.
- Demos are intended to be used by instructors, to demonstrate functionality in a live environment, during course delivery. This is an alternative to the use of interactive click-through guides and/or video walkthroughs. It is at the discretion of the instructor to determine which demos to use, based on student interest and the availability of time to execute the demo.
- In addition to the pre-demo setup, some demos identify steps that should be executed before class time, as some items, such as creating an NSG or VM, can take some time to deploy in a lab tenant. In general, and as a best practice, instructors should verify successful execution of demo scripts prior to course delivery.
- Demo scripts are subject to continuous updates due to frequent changes in the user interface (UI) and/or changes in functionality.

SC-900 Demo List		
Module/Lesson/Topic	Demo	GitHub Demo File Name
Setup	Pre-demo setup	DEMO_pre_demo_setup.md
Module 2, Lesson 1, Topic 3: Describe the Azure AD identity types	Azure Active Directory user settings	DEMO_explore_azure_ad.md
Module 2, Lesson 2, Topic 5: Describe self-service password reset in Azure AD	Azure Active Directory self-service password reset (SSPR)	DEMO_explore_azure_ad_sspr.md
Module 2, Lesson 3, Topic 2: Describe conditional access in Azure AD	Azure Active Directory Conditional Access	DEMO_explore_azure_cond_access.md
Module 3, Lesson 1, Topic 2: Describe Azure Network Security groups	Azure Network Security Groups (NSGs)	DEMO_explore_nsg.md
Module 3, Lesson 2, Topic 3: Describe Azure Security Center	Azure Security Center	DEMO_explore_asc.md
Module 3 Lesson 3, Topic 3: Describe integrated threat protection with Sentinel	Azure Sentinel	DEMO_explore_sentinel.md
Module 3, Lesson 4, Topic 6: Describe Microsoft Cloud App Security	Microsoft Cloud App Security (MCAS)	DEMO_explore_mcas.md
Module 3, Lesson 5, Topic 2: Describe the Microsoft 365 Defender portal	The Microsoft 365 Defender portal	DEMO_explore_m365_defender_portal.md
Module 3, Lesson 6, Topic 3: Describe endpoint security with Intune	Microsoft Intune	DEMO_explore_intune.md
Module 4, Lesson 1, Topic 3: Explore the Service Trust Portal	Service Trust Portal	DEMO_explore_service_trust_portal.md

Module 4, Lesson 1, Topic 5: Describe the Compliance Center	Microsoft 365 Compliance Center	DEMO_explore_compliance_mgr.md
Module 4, Lesson 2, Topic 4: Describe sensitivity labels	Sensitivity labels in Microsoft 365	DEMO_explore_sensitivity_labels.md
Module 4, Lesson 5, Topic 4: Describe Azure Policy	Azure policy	DEMO_explore_azure_policy.md

Lab scripts:

- Lab scripts are available on GitHub by going to : [MicrosoftLearning/SC-900-Microsoft-Security-Compliance-and-Identity-Fundamentals](#) and selecting **Instructions -> Labs**.
- The labs are NOT intended to be done during course delivery as there is not enough time for instructors to complete the course material and go through labs, in the available 1-day training. Labs are being made available for the scenario where learning partners can make the lab environment available to students, as part of their value-added service.
- The list of available lab scripts is listed in the table below.
- Once the lab setup is completed, all labs are designed as stand-alone labs (there is no dependency between labs).

SC-900 Lab List		
Module/Lesson/Topic	Lab	GitHub Demo File Name
Setup	Setup	LAB_00_setup.md
Module 2, Lesson 1, Topic 3: Describe the Azure AD identity types	Explore Azure Active Directory	LAB_01_explore_azure_ad.md
Module 2, Lesson 2, Topic 5: Describe self-service password reset in Azure AD	Explore Azure AD Authentication with self-service password reset	LAB_02_explore_azure_ad_sspwr.md
Module 2, Lesson 3, Topic 2: Describe conditional access in Azure AD	Explore access management in Azure AD with Conditional	LAB_03_explore_azure_cond_access.md
Module 2, Lesson 4, Topic 4: Describe the capabilities of Privileged Identity Management	Explore identity governance in Azure AD with Privileged Identity management	LAB_04_explore_pim.md
Module 3, Lesson 1, Topic 2: Describe Azure Network Security groups	Explore Azure Network Security Groups (NSGs)	LAB_05_explore_nsg.md
Module 3, Lesson 2, Topic 3: Describe Azure Security Center	Explore Azure Security Center	LAB_06_explore_asc.md
Module 3, Lesson 3, Topic 3: Describe integrated threat protection Sentinel	Explore Azure Sentinel	LAB_07_explore_sentinel.md
Module 3, Lesson 4, Topic 6: Describe Microsoft Cloud App Security	Explore Microsoft Cloud App Security	LAB_08_explore_mcas.md
Module 3, Lesson 5, Topic 2: Describe the Microsoft 365 Defender portal	Explore the Microsoft 365 Defender portal	LAB_09_explore_m365_defender_portal.md

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Module 3, Lesson 6, Topic 3: Describe endpoint security with Intune	Explore Microsoft Intune	LAB_10_explore_intune.md
Module 4, Lesson 1, Topic 3: Explore the Service Trust Portal	Explore the Service Trust Portal	LAB_11_explore_service_trus t_portal.md
Module 4, Lesson 1, Topic 5: Describe the Compliance Center	Explore the Microsoft 365 compliance center & Compliance Manager	LAB_12_explore_compliance. mgr.md
Module 4, Lesson 2, Topic 4: Describe sensitivity labels	Explore sensitivity labels in Microsoft 365	LAB_13_explore_sensitivity_l abels
Module 4, Lesson 3, Topic 2: Describe the Insider Risk Management solution	Explore Insider Risk Management in Microsoft 365	LAB_14_explore_insider_risk _mgt.md
Module 4, Lesson 4, Topic 5: Describe the core eDiscovery workflow	Explore the Core eDiscovery workflow	LAB_15_explore_core_edisco very.md
Module 4, Lesson 5, Topic 4: Describe Azure Policy	Explore Azure Policy	LAB_16_explore_azure_polic y.md

Lesson review questions

Lesson review questions are provided at the end of each lesson. It is acknowledged that this is different than what you may have seen with other courses, where questions are provided at the end of a module. This change is intended for the purpose of keeping the review questions in the context of the actual lesson to which they pertain. You might want to add questions of your own. You can use these review questions in several ways:

- As a group, go through the questions before moving on to another lesson.
- Intersperse the questions into the content as you cover the applicable material.
- Consolidate questions and have the student's pre-test before the course starts, and then at the end of the course to show what they have learned.

Reference links

The course content includes many reference links. We recommend you use these links to provide additional detail not included in the content. Documentation is constantly being updated.

Course timing

While the content for these courses should not be particularly challenging, delivering the one-day course in the time provided will likely be the biggest challenge you have. Remember you have discretion and flexibility to decide which content to show. Use this freedom to quicken or

slow the course pace as you need. Also, based on the students' experience, you might be able to skip over or quickly go through certain topics or areas. For students who are going on to the exam, consider the percentage of questions in each area and spend more time in those modules.

Resources

There are a lot of resources to help you and the students learn about Microsoft security, compliance, and identity. We recommend you bookmark these pages and offer the list to your

- [Exam SC-900: Microsoft Security, Compliance, and Identity Fundamentals](#). Each exam has a description page that outlines the major topics of the exam, how to study, and overall end-to-end process to sign-up and take your exam.
- [Microsoft Learn SC-900 Learning Paths](#). Microsoft Learn offers free learning paths to prepare students for the SC-900: Microsoft Security, Compliance, and Identity Fundamentals exam.
- [Learn](#) – Learners are encouraged to browse through Learn for additional content. Explore a topic in-depth through guided paths or learn how to accomplish a specific task through individual modules.
- [Microsoft Security Blog](#). Keep current on what is happening in areas related to Security.
- [Learn TV](#). Learn how to build solutions and use Microsoft products from the experts that built them! Learn TV is the place to find the latest digital content so you can always keep updated on the latest announcements, features, and products from Microsoft.
- [Microsoft Mechanics](#). Microsoft's official video series for IT Pros. Watch & share valuable content and demos from the people who build it.

Connect with others

Take the time to connect with others and share teaching experiences.

- [MCT Central](#) – Your one stop for all things MCT. Stay up to date with the latest MCT news, learn about upcoming events, find job opportunities, or connect with other MCTs around the world. You can also ask questions and discuss a variety of topics including courseware and certification with Microsoft through the MCT central forums.
- [MOC Courseware Support](#) – If there are problems with a course or you need to log a support ticket, contact the Official Support channel for MOC courses. This channel is

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monitored by support agents and is the quickest way to log your course support issue. It is the official support channel for courseware.

Feedback

This course provides a framework for you to work within. Take time to prepare and think about the value that only an instructor can bring to training. We hope to partner with you to provide an exceptional student experience and we welcome your feedback.

Happy learning!

Courseware Development Team