June 25, 2021

Purpose

The purpose of this document is to highlight the changes to the SC-900T00: Microsoft Security, Compliance, and Identity Fundamentals course from the previous release. This document is for Microsoft Certified Trainers and Instructors to use before they deliver the class or during preparation for teaching the class.

This is not an error log or a supplement to the Course Materials. This document just provides additional context so that you can understand the changes to the course content. Most of the course materials in the MCT Download Center have been updated to fix typos, broken links, and formatting. So, we recommend you always download the latest copies.

✔ Please read the Instructor Preparation Guide which provides the overall strategy for implementing this training.

Summary of Updates for June 25, 2021

The changes associated with this release are two-fold:

1) Minor updates to the course content.
    a. These changes consist of moving content between modules to better align to the functional groups. This change does not represent any net new training content. Content that is not explicitly called out in the objective domain document may be removed to streamline the content.
    b. Minor edits in the wording of content, and/or updates to images to reflect UI and/or name changes.
2) Availability of demo scripts and labs. The demos and labs assume use of the ALH environment and use of Azure pass, as noted in title manager.
    a. The demo scripts are intended to be used by instructors to demonstrate functionality in a live environment, as an alternative to using interactive click-through guides. Interactive click-through guides will continue to be available until such point that they are no longer current, after which they will be deprecated.
    b. These labs are being provided as an additional learning resource, as some learning partners provide students with access to lab environments, for a period of time after the initial delivery. The labs are NOT intended to be used by students during the ILT delivery, as there is not enough time in a 1-day course for students to go through these labs.

Course content updates

Global Change – Change across all modules

- The knowledge check questions have been removed from the PowerPoint slides, to streamline delivery time, but remain in the course handbook. Some knowledge check questions throughout the course have been updated.
- In the PowerPoint slides, the summaries are now at the module level, instead of the lesson level. Summaries at the lesson level remain in course handbook.
- In the PowerPoint slides, the placeholder slides for the click-through interactive guides have been replaced with placeholder slides for demos, as demo scripts are now available in GitHub. Links to the interactive click-through guides are still available in the course handbook and the instructor guide.

Module 0 - Course Introduction

- The course syllabus is updated to reflect the movement of content. The details regarding movement of content are detailed in the sections for the respective modules.

Module 1 - Describe the concepts of security, compliance, and identity.

- Lesson 01 – Describe security and compliance concepts and methodologies.
  - The topic, "Describe encryption, hashing, and signing" is updated to "Describe encryption and hashing." Reference to signing is removed as it is not part of the objective domain. PowerPoint slides and course handbook have been updated.
  - The topic, Describe the cloud adoption framework (CAF), which was originally in module 4 has been moved to Module 1, lesson 1. The rationale being that as a framework for cloud adoption, it is beneficial to introduce this topic in the first module in the training, along with other concepts and methodologies. The PPT slides and course handbook have been updated.
  - The introduction, Knowledge check, and summary and resources sections have been updated to reflect that the topic on cloud adoption framework has been added to this module.
- Lesson 02 – Describe Microsoft security and compliance principles.
  - The contents associated with this lesson are being moved to module 4. The PPT slides and course handbook have been updated. The topic Review Azure compliance documentation is removed as it is not part of the objective domain and compliance documents can be found via the Service Trust portal or the Trust Center.
- Lesson 02 - Describe identity concepts.
  - The content from Module 2, "Describe Identity concepts" gets moved to Module 1. The rationale is that we want to keep the contents associated with concepts, methodologies, and frameworks together in one module, which is the first module in the training.

Module 2 – Describe the capabilities of Microsoft identity and access management solutions.

- Lesson 01 – Describe identity concepts.
  - This entire lesson gets moved to module 1 and becomes lesson 2 in that module.
  - All subsequent lessons get renumbered.
- Lesson 02 – Describe the basic services and identity types of Azure AD.
  - Lesson 02 gets renumbered to lesson 01.
  - The topic, Describe Azure AD editions is removed as it is not part of the objective domain. A simplified reference to the available editions is included in the topic, Describe Azure Active Directory.
- Lesson 03 – Describe the authentication capabilities of Azure AD.
  - Lesson 03 gets renumbered to lesson 02.
  - Minor updated on text and image (about good, better, best passwords), in the topic, Describe Multifactor Authentication in Azure AD, to reflect that FIDO2 is no longer in preview.
- Lesson 04 – Describe the access management capabilities of Azure AD.
  - Lesson 04 gets renumbered to lesson 03.
- Lesson 05 – Describe the identity protection and governance capabilities of Azure AD.
  - Lesson 05 gets renumbered to lesson 04.
  - Updated topics related to Azure Identity Protection, Privileged Identity Management, and entitlement management to reflect that the specific features are part of Azure AD Premium P2.

Module 3 – Describe the capabilities of Microsoft security solutions.

- Lesson 01 – Describe the basic security capabilities in Azure.
  - For the topic on Azure Network Security groups, the image was updated. Originally the image showed, VM1 for both subnet 1 and subnet 2, suggesting that two VMs could have the same name. The image was updated to show different VM names (VM1 in subnet 1 and VM2 in subnet 2).
- Lesson 02 – Describe the security management capabilities of Azure.
  - Minor edit to the topic of security baselines for Azure.
- Lesson 04 – Describe Microsoft Defender for Office 365
  - The PPT slide for this topic has been updated. Specifically, the table that listed bullet points for Office 365 Plan 1 was updated to remove reference to ATP.
- Lesson 05 – Describe the security management capabilities of Microsoft 365.
  - All topics with reference to Microsoft 365 security center have been updated to reflect a name change. Microsoft 365 security center has been renamed to Microsoft 365 Defender. To avoid confusion with the Microsoft 365 Defender solution, the term Microsoft 365 Defender portal may also be used. Updates have been made throughout the slides and in the text, as appropriate. Changes to videos and some images may be phased in more gradually.
  - For the topic Describe how to use Microsoft Secure Score, the interactive guide has been retired, as the simulation includes numerous outdated references to Microsoft

security center (now renamed to Microsoft 365 Defender). Instructors should use a live demo to show Microsoft secure score (a demo script is available at [Explore the Microsoft 365 Defender portal](#))

- o Updates to the topic, Explore Microsoft security reports and dashboards, due to changes in the UI for the Microsoft 365 Defender portal.

Module 4 – Describe the capabilities of Microsoft compliance solutions.

- Lesson 01 – Describe the compliance management capabilities in Microsoft.
  - o The topics of the Service Trust Portal and Microsoft Privacy principles have been moved from module 1 to this lesson. The course handbook and PPT slides have been updated to reflect this change.
- Lesson 04 - Describe the eDiscovery capabilities of Microsoft 365.
  - o This lesson and the contents from lesson 05-Describe the audit capabilities of Microsoft 365 have been consolidated into one lesson called**, Describe the eDiscovery and audit capabilities of Microsoft 365**. PowerPoint slides and course handbook have been updated. Subsequent lessons get renumbered.
- Lesson 05 Describe the audit capabilities of Microsoft 365.
  - o This lesson is removed. Its content is consolidated into Lesson 4 which becomes Describe the eDiscovery and audit capabilities of Microsoft 365, as stated above. PowerPoint slides and course handbook have been updated. Subsequent lessons get renumbered.
- Lesson 06 – Describe the resource governance capabilities in Azure.
  - o This lesson gets renumbered to lesson 05.
  - o The topic on the cloud adoption framework has been moved to Module 1 of the training content.
  - o The introduction, knowledge check, and summary and resources has also been updated to reflect that the cloud adoption framework is no longer part of this module.

Demos & Labs

Demos and lab scripts are now available on GitHub [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.

- Demos scripts
  - Demo scripts are now available on GitHub by going to : 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.
  - 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.
  - Demo scripts are subject to continuous updates due to frequent changes in the user interface (UI) and/or changes in functionality.
- Lab scripts
  - Lab scripts are available are now 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 are able to 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 script is executed, all labs are designed as stand-alone labs (there is no dependency between labs).
  - Lab 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 Security Center	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

SC-900 Lab List		
Module/Lesson	**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_sspr.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 Security Center	Explore the Microsoft 365 Defender portal	LAB_09_explore_m365_defender_portal.md
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_trust_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_labels.md
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_ediscovery.md
Module 4, Lesson 5, Topic 4: Describe Azure Policy	Explore Azure Policy	LAB_16_explore_azure_policy.md