



Swiss Post  
Cybersecurity

# Microsoft Learn

## Spark possibility



Security

Specialist  
Threat Protection



**BACHER**  
SYSTEMS

# Azure Bootcamp

# Hello!

Thank you for joining us today

## Instructor: Deniz

Senior Security Engineer, Microsoft Certified Trainer & MVP Security  
Swiss Post Cybersecurity Ltd

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# Hello!

Thank you for joining us today

## Instructor: Thomas

Senior Security Engineer, Microsoft Certified Trainer

Swiss Post Cybersecurity Ltd

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[thomas.mizraji@swisspost-cybersecurity.ch](mailto:thomas.mizraji@swisspost-cybersecurity.ch)





# Let's get to know each other

Your name

Title/function

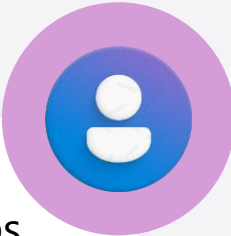
Your experience with Azure

Your expectations  
for the course



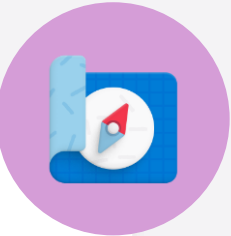
# Let's have a great time together

## We all contribute to a great class



- Calls, Teams, → out of the room, during labs
- Be on time after the breaks
- Be present now (avoid mail, calls, side meetings)
- Bring and share you experience

## What you should know about your facilities



- Accommodations
- Internet access
- Parking
- Restrooms
- Emergency

# About this course

## Overview

This 2-day Azure & Security Fundamentals Bootcamp is designed to provide a foundational understanding of Microsoft Azure administration and Microsoft security, compliance, and identity (SCI) concepts.

## In the Introduction to Microsoft Security, Compliance, and Identity (SC-900) you will:

- Learn about the concepts of security, compliance, and identity.
- Learn about the capabilities of Microsoft Entra
- Learn about the capabilities of Microsoft security solutions.
- Learn about the capabilities of Microsoft Privacy and Microsoft Purview.

## About this course

### Prerequisites

- Successful Azure Administrators start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, and networking

### Azure Administrator Role (AZ-104)

- Azure Administration (AZ-104) Understand how to manage cloud services that span storage, networking, and compute resources.
- Learn how to handle end-user requests, optimize performance, and scale workloads.
- Gain hands-on experience using the Azure Portal, PowerShell, and CLI for administration tasks.
- Explore best practices for provisioning, monitoring, and managing Azure resources.



## GOAL

Equip participants with a solid foundational understanding of both **Azure platform administration** and **Microsoft security fundamentals**, enabling confident navigation and management of cloud environments and prepare the certification.

# Course schedule Day 1

Time	Content covered
Early morning	Course introduction slide deck Learning path 1: Introduction to Azure, Entra ID and security, compliance, and identity concepts
Break	
Late morning	Learning path 2: Introduction to Microsoft Entra ID and Azure Lab
Lunch	
Early afternoon	Complete learning path 2: LABs (RBAC, Network)
Break	
Late afternoon	Start on learning path 3: Introduction to Microsoft security solutions

# Course schedule Day 2

Time	Content covered
Early morning	Course introduction slide deck Learning path 1: Azure
Break	
Late morning	Learning path 2: Introduction to Microsoft Entra Start on learning path 3: Introduction to Microsoft security solutions
Lunch	
Early afternoon	Complete learning path 3: Introduction to Microsoft security solutions (Sentinel)
Break	
Late afternoon	Learning path 4: Introduction to Microsoft Priva and Microsoft Purview How to Certifiy

# Get the most out of your Microsoft Learn profile

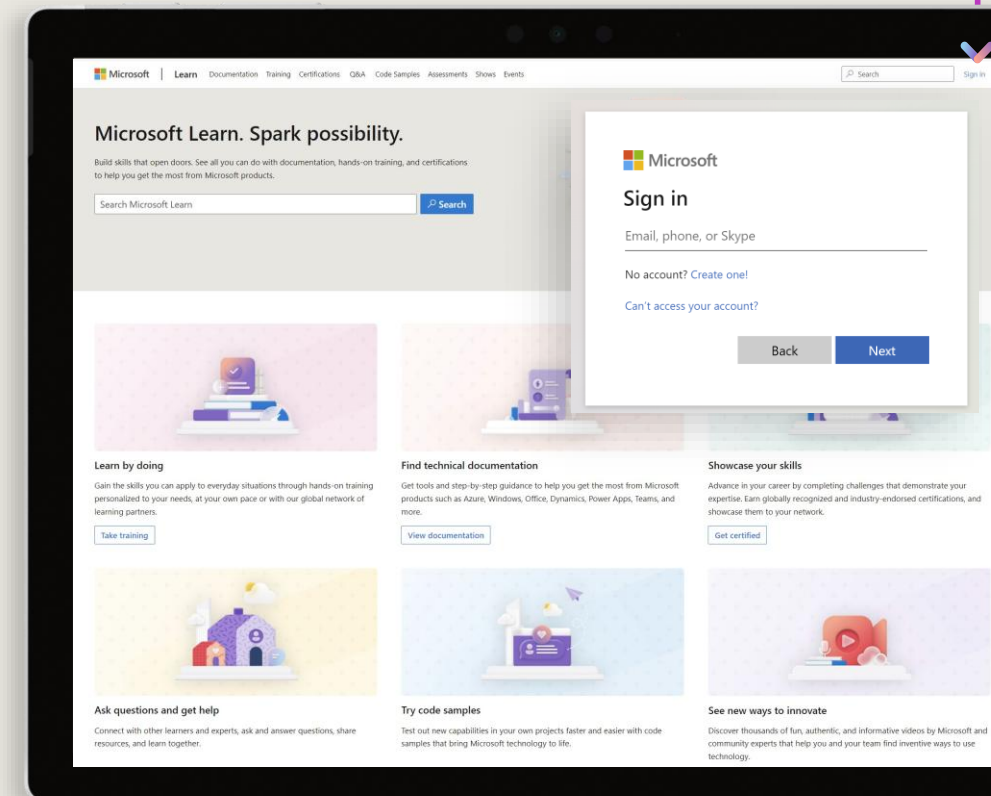
Verify, track, and share your training and certification progress and accomplishments—*all on one platform*

- Claim your achievement code for this course and share you have completed it.
- Access your course material and track progress on your learning activities.
- Share and verify your Microsoft Certifications via email, on social networking platforms, and on your résumé.
- Download and print transcripts and certificates.
- Manage your upcoming activities and certification exam appointments.

[www.aka.ms/MyMicrosoftLearnProfile](https://www.aka.ms/MyMicrosoftLearnProfile)

## Create your Microsoft Learn profile at [learn.microsoft.com](https://learn.microsoft.com)

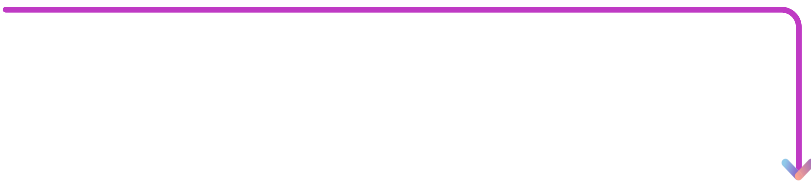
- Select *Sign in* at the top, right corner of any Microsoft Learn page.
- Follow the Microsoft account authentication process.
- If the account that you have chosen to sign-in with doesn't already have a Microsoft Learn profile, you'll be guided to create one.



# Access your course material

All course content is available on Microsoft Learn

[learn.microsoft.com/training/courses/browse](https://learn.microsoft.com/training/courses/browse)

- We'll go through this content together and as the course progresses, I will advise you on which modules to review.
  - You can provide feedback for modules on Microsoft Learn. Find how at the bottom of each page.
- 

Need help? See our [troubleshooting guide](#) or provide specific feedback by [reporting an issue](#).

This course includes labs:

- Lab are intended for students to continue their learning journey after the ILT delivery. Labs are not part of the 1-day ILT delivery.
- Labs assume an environment provided an authorized lab hoster (ALH).
- Detailed lab instructions are included in your lab environment and can also be accessed in GitHub, via the that follows.
- Additional information can be found in the Trainer Prep Guide (pdf).

[aka.ms/SC900-Labs](https://aka.ms/SC900-Labs)

# Access your course materials

All course content is available on Microsoft Learn



AZ-104: Prerequisites for Azure administrators



AZ-104: Manage identities and governance in Azure



AZ-104: Implement and manage storage in Azure



AZ-104: Deploy and manage Azure compute resources



AZ-104: Configure and manage virtual networks for Azure administrators



AZ-104: Monitor and back up Azure resources

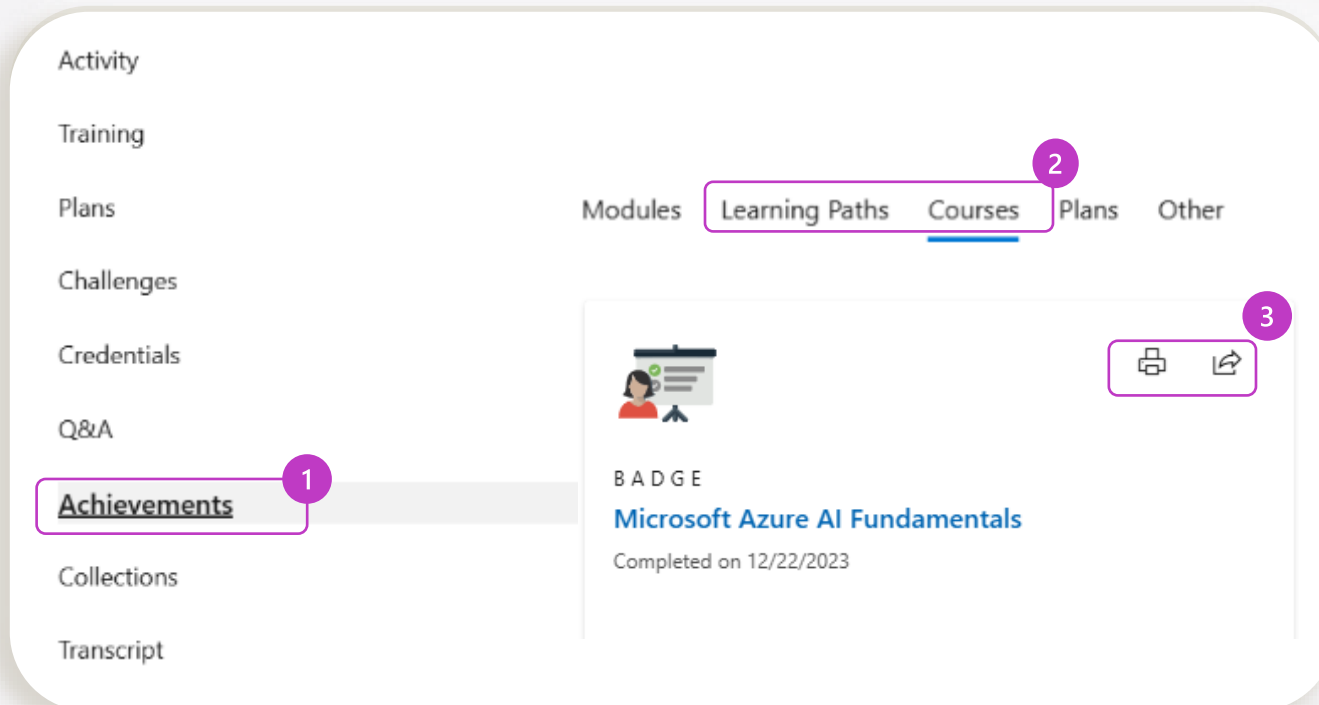
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- Detailed lab instructions are included in your lab environment.



# Celebrate your accomplishments and feel empowered

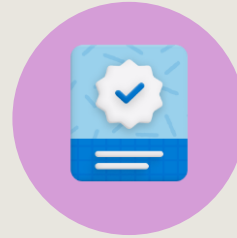
Get your achievement recognized and earn your badge for completing this course.

[aka.ms/MyMicrosoftLearnProfile](https://aka.ms/MyMicrosoftLearnProfile)



1. Go to **Achievements** on your Microsoft Learn profile.
2. Find your new course competition badge under **Learning Paths and or Courses**.
3. Share your new achievement with your professional network. You can also download and print your certificate.

# Become Microsoft Certified



91%

of certified IT professionals feel more confident  
in their abilities after earning certifications<sup>1</sup>

Get recognized by earning industry validation for technical knowledge. Ensure you stay current with the necessary skills and expertise for continued success.

Start at [learn.microsoft.com/credentials](https://learn.microsoft.com/credentials)

Microsoft role-based and specialty certifications require annual renewal.<sup>2</sup>

Learn about certification renewal at  
[aka.ms/RenewYourCert](https://aka.ms/RenewYourCert)

<sup>1</sup> "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 <sup>2</sup> Microsoft fundamentals certifications don't expire

# Get ready for your Microsoft Certification exam

Exam SC-900: Microsoft Security, Compliance, and Identity Fundamentals is targeted to you, if you're looking to get an introduction to security, compliance, and identity (SCI) across cloud-based and related Microsoft services.

## Understand the skills measured by the exam

Study area	Percentage
Describe the concepts of security, compliance, and identity.	10-15%
Describe the capabilities of Microsoft Entra.	25-30%
Describe the capabilities of Microsoft security solutions.	25-30%
Describe the capabilities of Microsoft compliance solutions.	25-30%

Percentages indicate the relative weight of each area on the exam  
The higher the percentage, the more questions you are likely to see in that area

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## Build confidence in your skills

Find in the exam page resources to help prepare

- Watch exam prep videos
- Review the exam study guide
- Demo the exam experience with the exam sandbox
- Take a practice assessment



# Get ready for your Microsoft Certification exam

## Exam AZ-104: Microsoft Azure Administrator

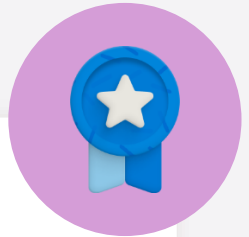
### Understand the skills measured by the exam

Study area	Percentage
Manage Azure identities and governance	20 - 25%
Implement and manage storage	15 – 20%
Deploy and manage Azure compute resources	20 – 25%
Configure and manage virtual networking	15 - 20%
Monitor and backup resources	10 – 15%

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# Questions?



Security

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