



Microsoft Learn

Spark possibility

AZ-900

Guten Morgen!

Microsoft Azure Fundamentals



Thomas Jäkel

brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

PowerShell az

github.com/www42/az-900

Physik → Heidelberg
NT 4.0

△ AD

□ VM

...

→ AI

Azure Copilot



About this course

AZ-900 ^{*}Fundamentals ^{**}Associate ^{***}Expert


What's in this course?

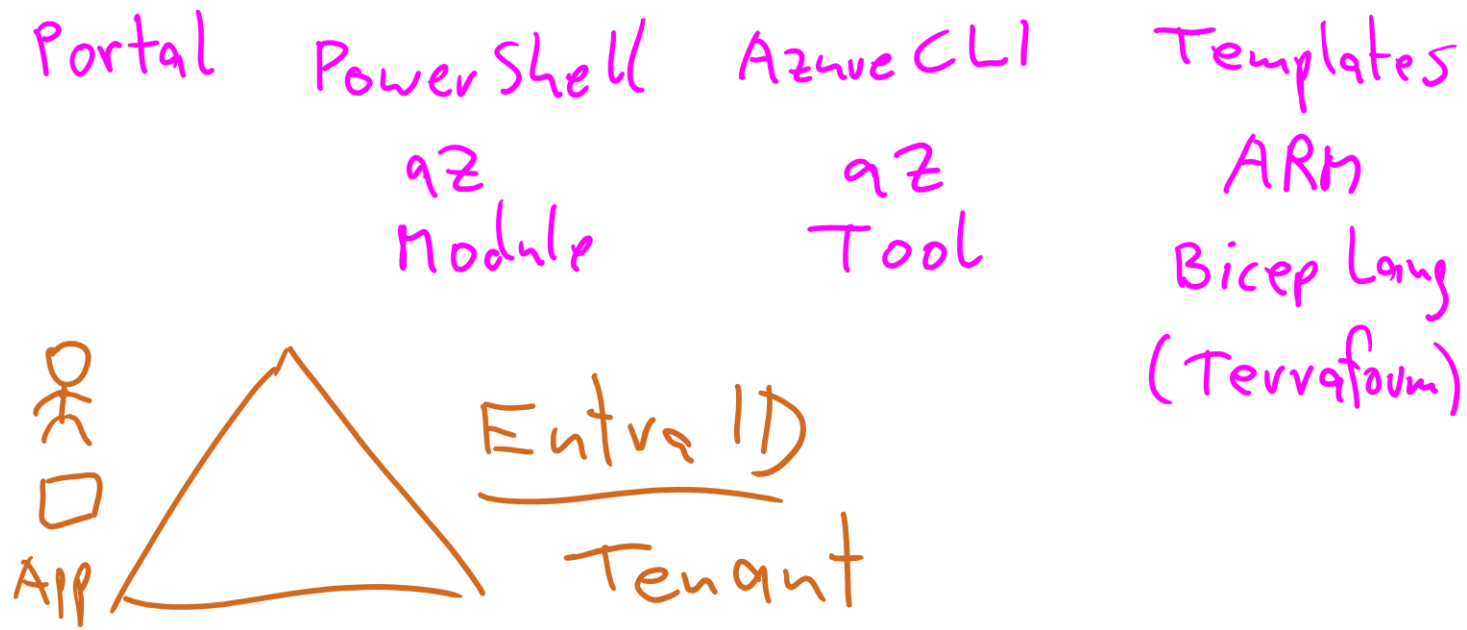
- This course covers foundational knowledge on cloud concepts, core Azure architecture and services, and Azure management and governance.
- This course is aligned with the **Microsoft Certified: Azure Fundamentals** certification.

Who is this course for?

- This course is for new-to-cloud learners who want to better understand cloud technology and what Microsoft Azure provides.
- An IT background is recommended to get the most out of this course.

Course Agenda

Learning Path 01 – Cloud concepts	public private	hybrid	SaaS PaaS IaaS
Learning Path 02 – Azure <u>architecture</u> and <u>services</u>			Lab
Learning Path 03 – Azure <u>management</u> and governance			Azure Policies RBAC 



Let's get to know each other

Your name

Company affiliation

Title/function

Your experience

Your expectations
for the course



Let's have a great time together

We all contribute to a great class

9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰



What you should know about our facilities



Get the most out of your Microsoft Learn profile

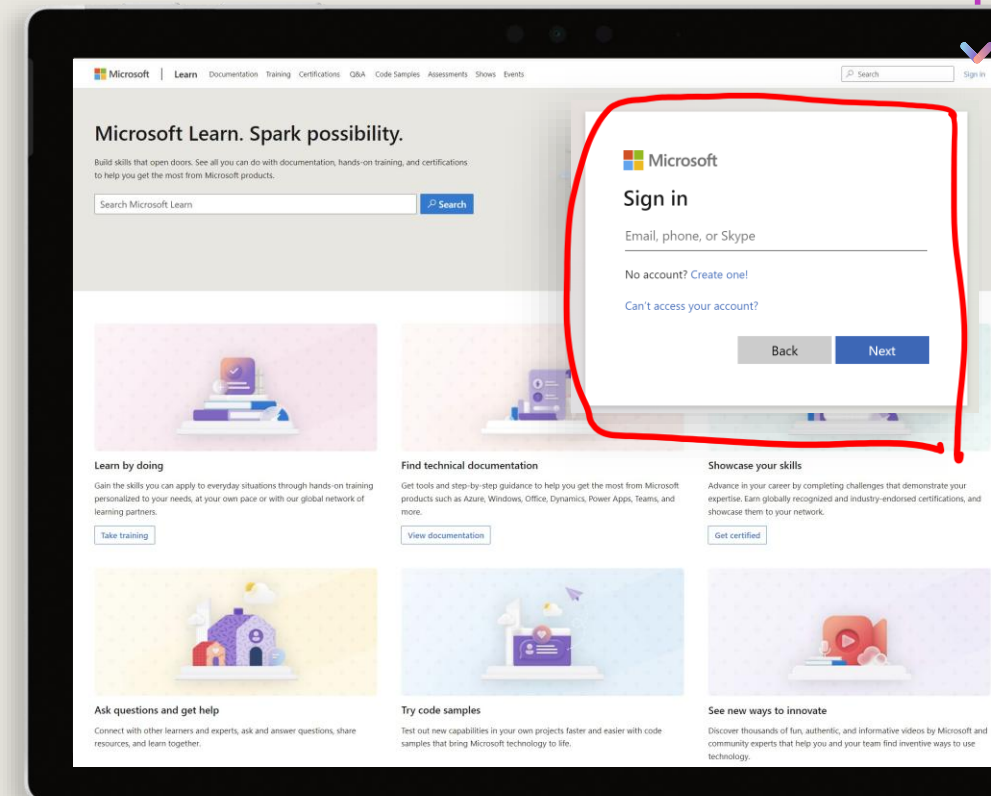
Verify, track, and share your training and certification progress and accomplishments—*all on one platform*

- 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

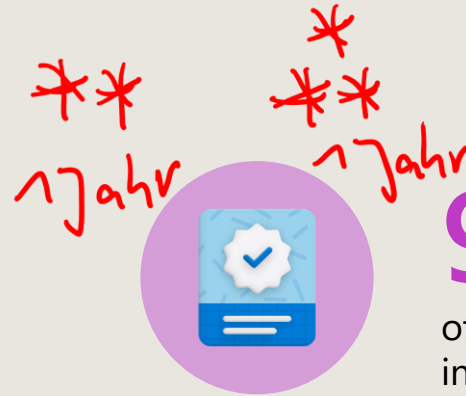
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- Select *Sign in* at the top, right corner of any Microsoft Learn page.
- Follow the Microsoft account authentication process.
- If the account that you have chosen to sign-in with doesn't already have a Microsoft Learn profile, you'll be guided to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



Become Microsoft Certified

*
ewig



92%

of certified IT professionals feel more confident
in their abilities after earning certifications¹

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/certifications

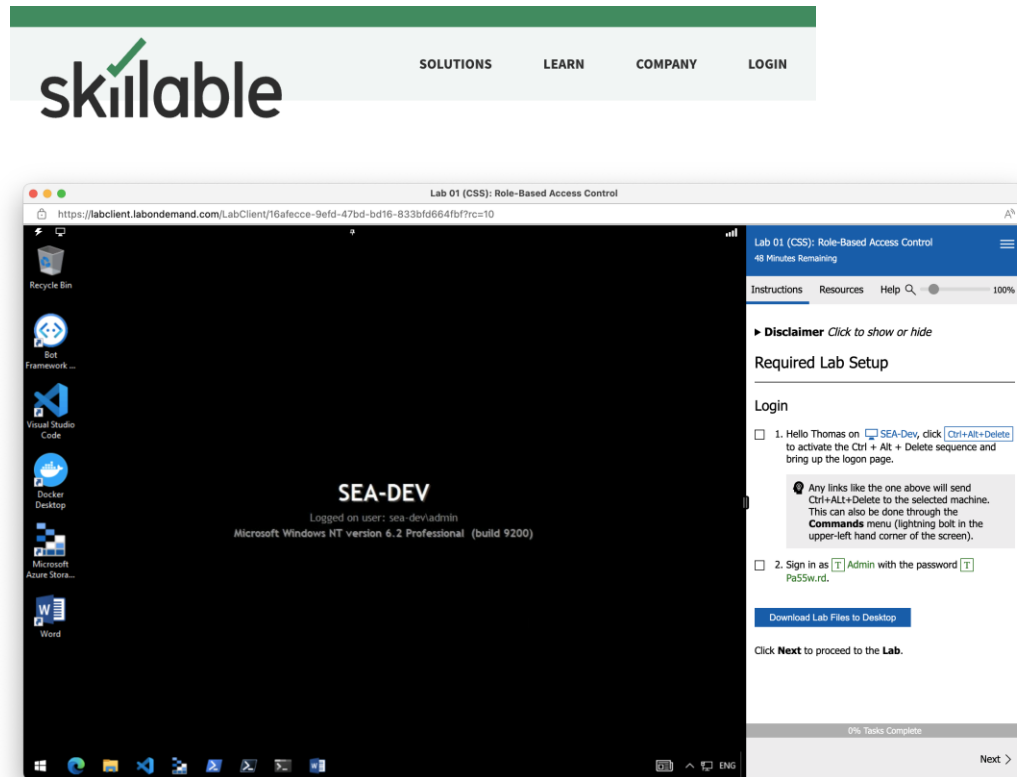
Microsoft role-based and specialty certifications require annual renewal.²

Learn about certification renewal at
aka.ms/RenewYourCert

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

AZ-900 Labs

- Login with Training Key
- Azure Subscription paid by Skillable
- SEA-DEV + Instructions
- 180 Days 10 x



AZ-900 Labs

go deploy

Student

Instructor

BACK

AZ-900T0X (CS) - Microsoft Azure Fundamentals (Cloud Share)

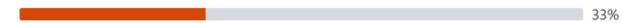
This course provides foundational knowledge of cloud concepts, core Azure services, and Azure management and governance tools. You'll learn to describe Azure architectural components and services, including compute, networking, and storage. The course also covers features and tools to secure, govern, and administer Azure environments. Prior experience in areas such as infrastructure management, database management, or software development is beneficial for success in this course.

Microsoft Learn Content

Microsoft Azure Fundamentals

Practice assessment

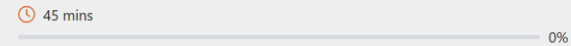
Your progress



Total number of Labs:	22
Completed Labs:	7
Remaining Labs:	15
Total available time:	16 hrs 30 mins

Your current Lab

7. Implement an Azure IoT Hub



In this lab, we will configure a new Azure IoT Hub in Azure Portal, and then authenticate a connection to an IoT device using the online Raspberry Pi device simulator. Sensor data and messages are passed from the Raspberry Pi simulator to your Azure IoT Hub, and you view metrics for the messaging activity in Azure Portal.

LAUNCH LAB

VIEW NOTE

Labs

1. Create a Virtual Machine



2. Create a Web App



3. Deploy Azure Container Instances



<https://lms.godeploy.it>