

AZ-305 *Guten Morgen!*

Designing Microsoft Azure Infrastructure Solutions

Seminar startet um 9⁰⁰ Uhr.



Berlin

Heidelberg

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brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

github.com/www42/az-305

Physik

1998

NT 4.0

2011 Windows Azure
2013 Azure ARM

kl

GitHub Copilot
PowerShell
Azure CLI
Templates Bicep



About this course

AZ-305

Purpose – Azure Architects

- Subject matter expertise in designing cloud and hybrid solutions
- Expertise includes compute, networking, storage, application services, data solutions, monitoring and security.

Prerequisites

- Working knowledge of networking technologies including connectivity services, application delivery services, and network architectures.
- Working knowledge of storage technologies including relational and non-relational data solutions.
- Working knowledge of compute technologies including virtual machines, containers, and PaaS compute solutions. .
- Experience architecting solutions including security, migration, and business continuity.

AZ-305 Agenda

Module 01 Design a governance solution

Module 02 Design a compute solution

Module 03 Design a non-relational data storage solution

Module 04 Design a data storage solution for relational data

Module 05 Design a data integration solution

Module 06 Design an application architecture solution

Module 07 Design Authentication and Authorization Solutions

Module 08 Design a solution to log and monitor Azure resources

Module 09 Design a network infrastructure solution

Module 10 Design a business continuity solution

Module 11 Design a migration solution

Tenant Sub RBAC Policies

VM App Service Container

SA Blob Files

SQL - - -

Big Data → AI

pub - sub Queue

Entra ID Δ Tenant

Log Anal.

VMet

ASR

AZ-900
Fundamentals

Microsoft Certified: Azure Solutions Architect Expert

AZ-104



CERTIFICATION EXAM

Microsoft Azure Administrator



Complete one prerequisite



PREREQUISITE OPTION 1

Microsoft Certified: Azure Administrator Associate

Take one exam



CERTIFICATION EXAM

Designing Microsoft Azure Infrastructure Solutions

AZ-305

Earn the certification



EXPERT CERTIFICATION

Microsoft Certified: Azure Solutions Architect Expert

Expert

Let's get to know each other

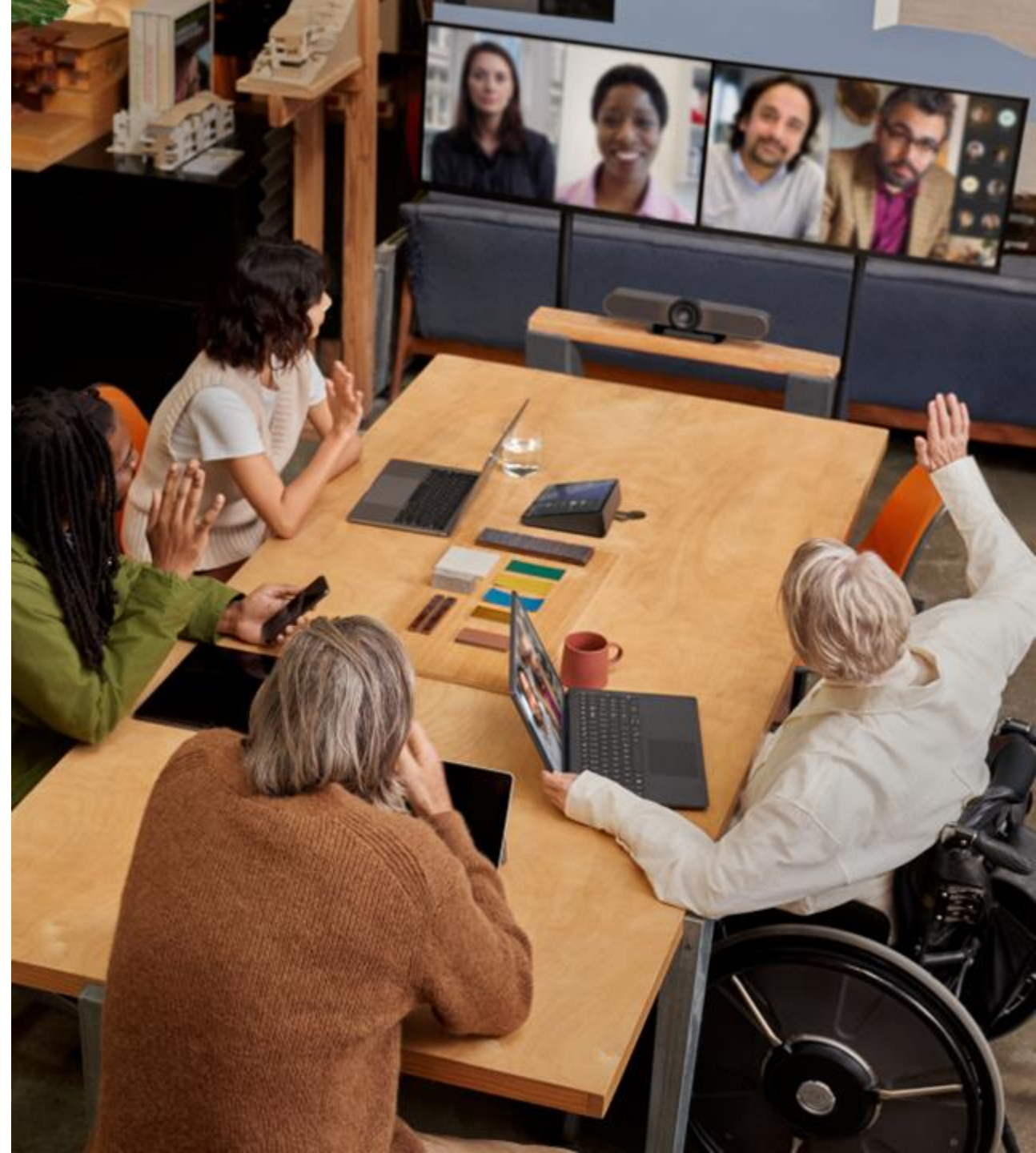
Your name

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



- Be on time (class hours)
- Be present (avoid mail, calls, side meetings)

Mo
Di

Do
Fr

9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰

15 min

15 min

What you should know about our facilities



- Internet access

Meeting

Case studies

Papier + Bleistift

- Tailwind Traders is modernizing its infrastructure and moving to the cloud -
- You have been asked to recommend and suggest new cloud architectures - requirements and tasks are provided in case studies
- Make sure to actively participate in small groups or individually
- Become familiar with the Azure Architecture Center, Azure Charts, and the Azure Documentation.



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Exam
Learning Path

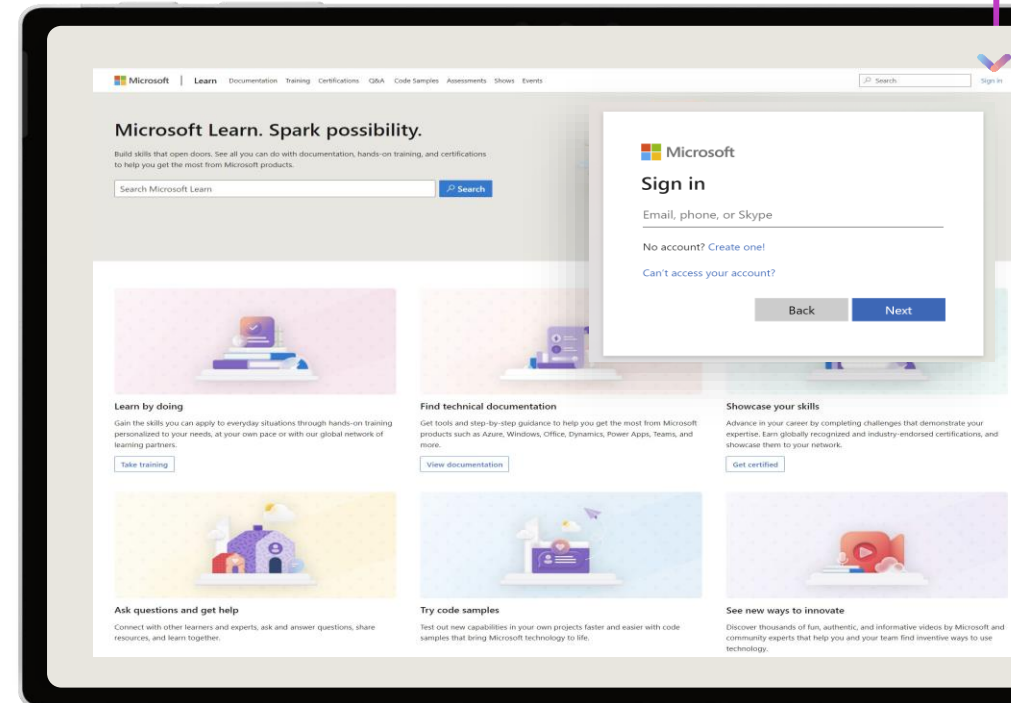
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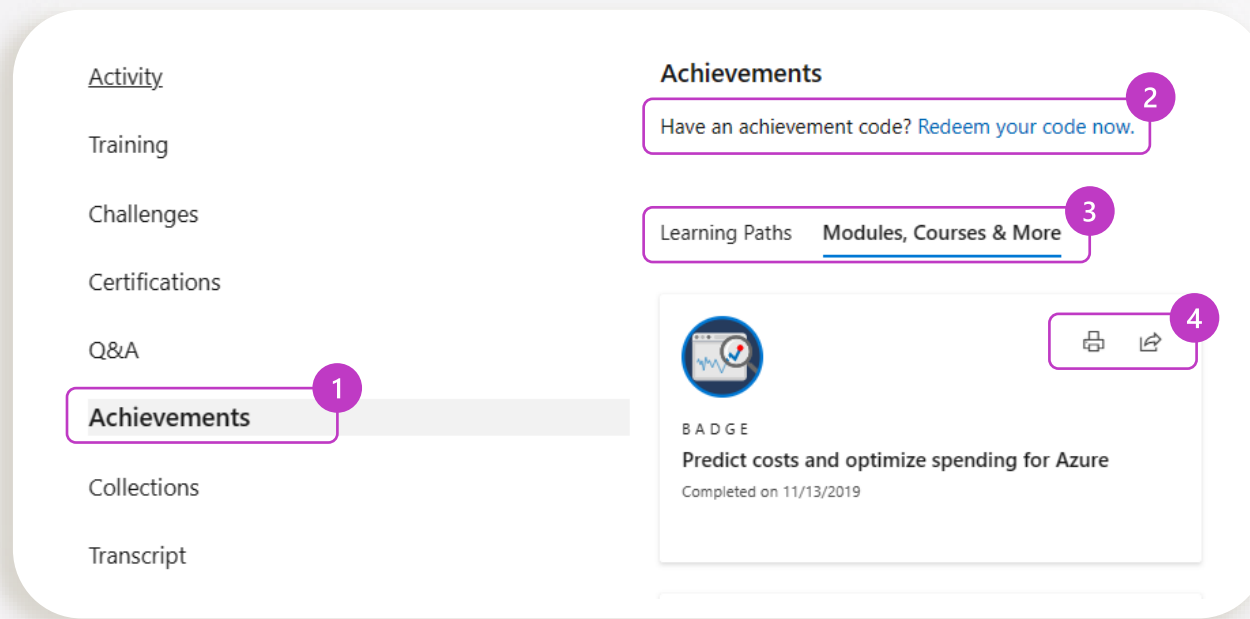
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