



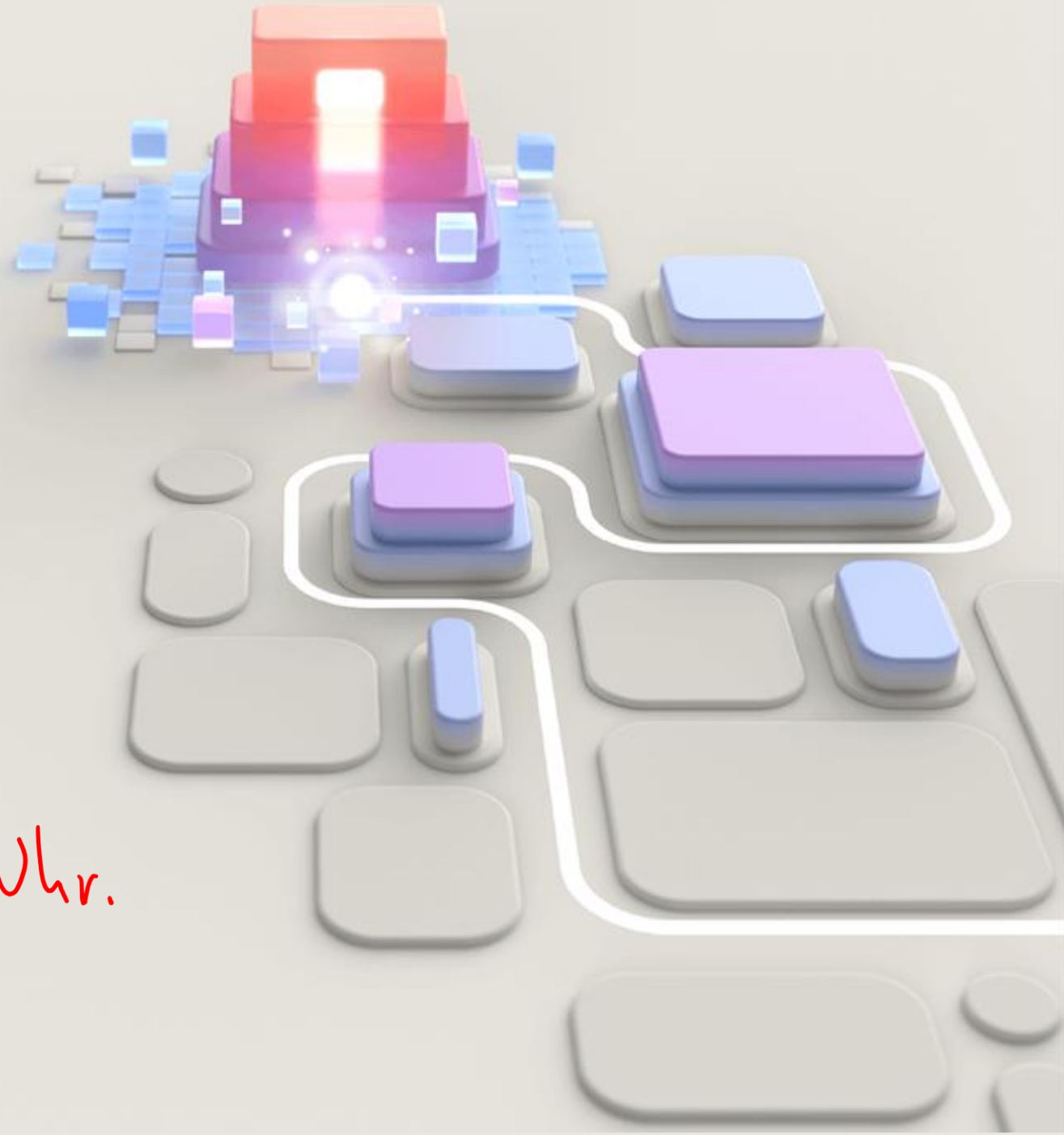
Microsoft Learn Spark possibility



AZ-104 *Guten Morgen!*

Microsoft Azure Administrator

Seminar startet um 9⁰⁰ Uhr.



Berlin
physik



Heidelberg
NT 4.0

Thomas Jäkel

brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

PowerShell

github.com/www42/az-104

2016
Cloud

AI

- Azure Copilot
- Ask Learn Preview RAG



AZ-900

TCP/IP
VM

~~IPv6~~

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

- Cloud Administrators manage the cloud services that span storage, networking and compute cloud capabilities, with a deep understanding of each service across the full IT lifecycle
- They take end-user requests for new cloud applications and make recommendations on services to use for optimal performance and scale, as well as provision, capacity, monitor and adjust as appropriate. This role requires communicating and coordinating with vendors
- Cloud Administrators use the Azure Portal and as they become more proficient, they use PowerShell and the Command Line Interface

AZ-104 Course Outline

01: Administer Identity

Entra ID Tenant
RBAC

Azure Policies

07: Administer Azure Storage

Account
Blobs
Files

02: Administer Governance and Compliance

08: Administer Azure Virtual Machines



03: Administer Azure Resources

Tools
ARM Template
Bicep

09: Administer PaaS Compute Options

Docker Container
App Service
K8S

04: Administer Virtual Networking

VNet

10: Administer Data Protection

Recovery Service Vault

05: Administer Intersite Connectivity

VNet

11: Administer Monitoring

TCP/IP

LA Workspace

06: Administer Network Traffic Management

LB
App GW

KQL

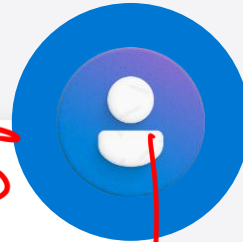
Let's get to know each other

- 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



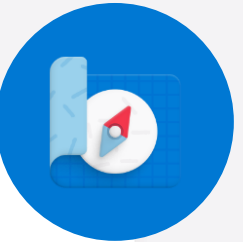
$9^{00} - 17^{00}$

$12^{30} - 13^{30}$

$\sim 10^{30} - 10^{45}$

$\sim 15^{15} - 15^{30}$

What you should know about our facilities



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

- 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. Use the link at the bottom of the page.
- Detailed lab instructions are included in your lab environment.

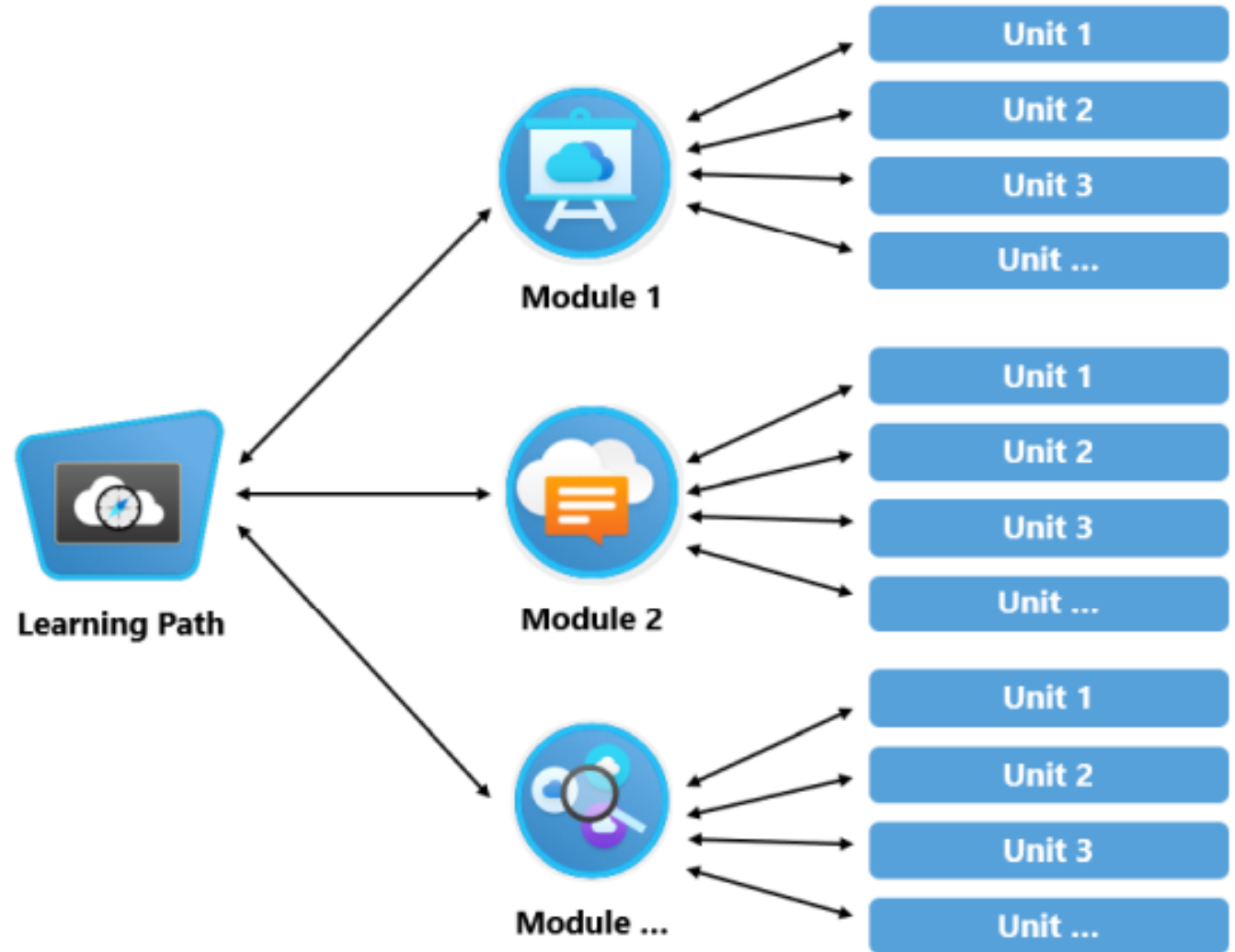
Microsoft Learn

Anonymous

- All Learning Paths

With Learn Account

- Sandboxes
- Exam Registration
- Transcript
- Collections
- Badges
- Level
- Renew Certifications



aka.ms/Learn



Welcome back, Thomas Jäkel

Some items for you since your last visit:



CERTIFICATION

Microsoft Certified: Azure Fundamentals

Next module: Describe cloud computing

Dismiss

Start



COLLECTION

Build 2022 Intro to Tech Skills Collection

Next module: Develop a growth mindset

Dismiss

Start



EXAM

Managing Microsoft Teams

Next module: Explore Microsoft Teams

Dismiss

Start

[Help us customize your path](#)

[See all activity](#)

We think you might like these



LEARNING PATH

AZ-204: Create Azure App Service web apps



LEARNING PATH

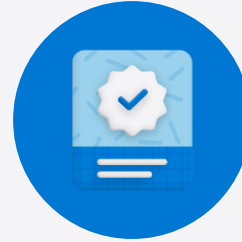
AZ-204: Integrate caching and content delivery within



LEARNING PATH

AZ-204: Implement user authentication and authorization

Become Microsoft Certified



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

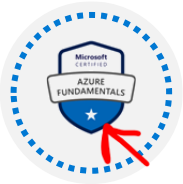
Microsoft role-based and specialty certifications require annual renewal.²

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

Microsoft Certifications

Certifications give you a professional edge by providing globally recognized industry endorsed evidence of skills mastery, demonstrating your abilities and willingness to embrace new technologies



AZ-900

Exam AZ-900: Microsoft Azure **Fundamentals**

Designed for candidates looking to demonstrate foundational level knowledge of cloud services and how those services are provided



AZ-104

Microsoft Certified: Azure Administrator **Associate**

Designed for Azure Administrators who implement, monitor, and maintain compute, storage, network, and security



AZ-305

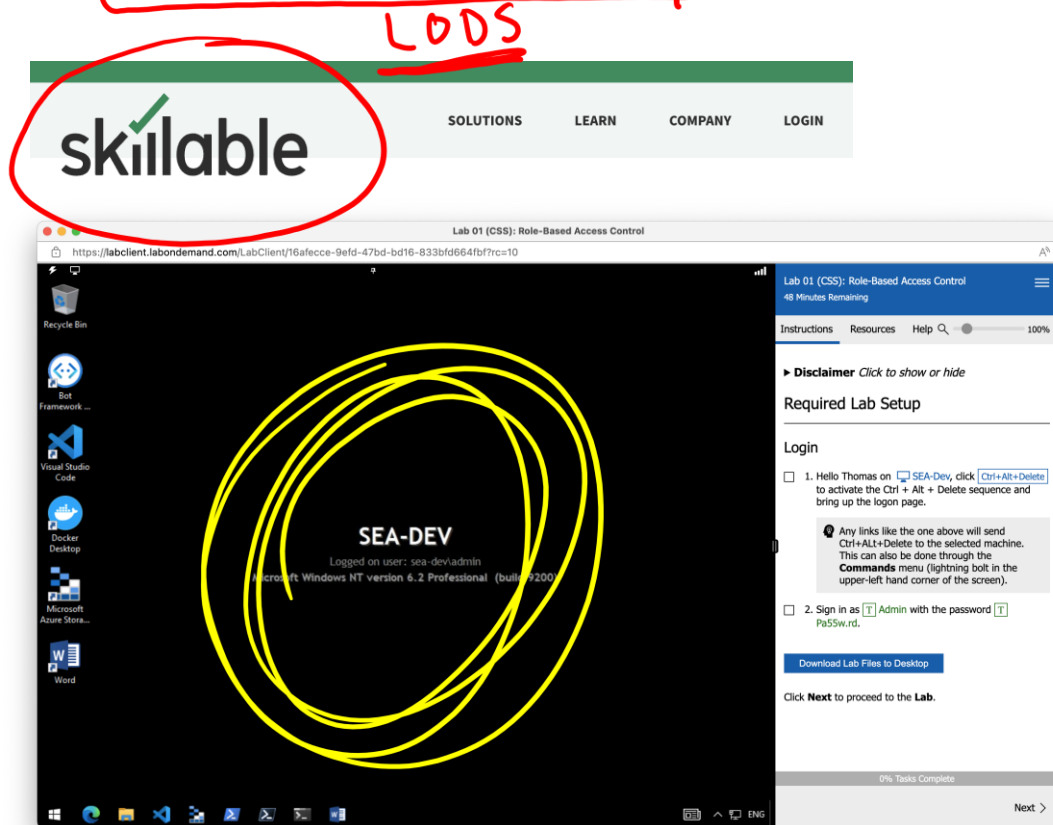
Microsoft Certified: Azure Solutions Architect **Expert**

Designed for Azure Solutions Architects who create solutions for compute, network, storage, and security

AZ-104 Labs

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

policies !!



End of presentation

