



Microsoft Learn Spark possibility

AZ-104 *Guten Morgen!*

Microsoft Azure Administrator

Seminar startet um 9⁰⁰ Uhr.



1983
Physik
Berlin

→ Heidelberg
1998
NT 4.0

Thomas Jäkel

brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

PowerShell 7 Az.*

github.com/www42/az-104

2016
Azure/

2023
AI/
Chat GPT
Claude



About this course

AZ - 104

Microsoft Learn

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

Azure CLI

AZ-104 Course Outline

5 Learning Path

01: Administer Identity

Entra ID



Tenant

07: Administer Azure Storage

HTTPS
SMB

Blobs
Files



02: Administer Governance and Compliance

08: Administer Azure Virtual Machines

RBAC "Owner" *
Azure Policy

03: Administer Azure Resources

Tool

09: Administer PaaS Compute Options

04: Administer Virtual Networking

VNet TCP/IP

10: Administer Data Protection



05: Administer Intersite Connectivity

Peering

11: Administer Monitoring

06: Administer Network Traffic Management

LB

Let's get to know each other

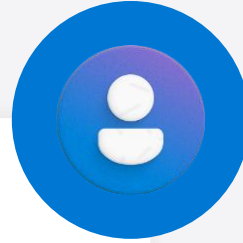
- Your name
- Company affiliation
- Title/function
- Your experience
- Your expectations for the course

• A2-104 Exam → Cent **



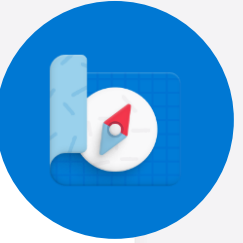
Let's have a great time together

We all contribute to a great class



9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰
15 min
15 min

What you should know about our facilities



Internet

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.

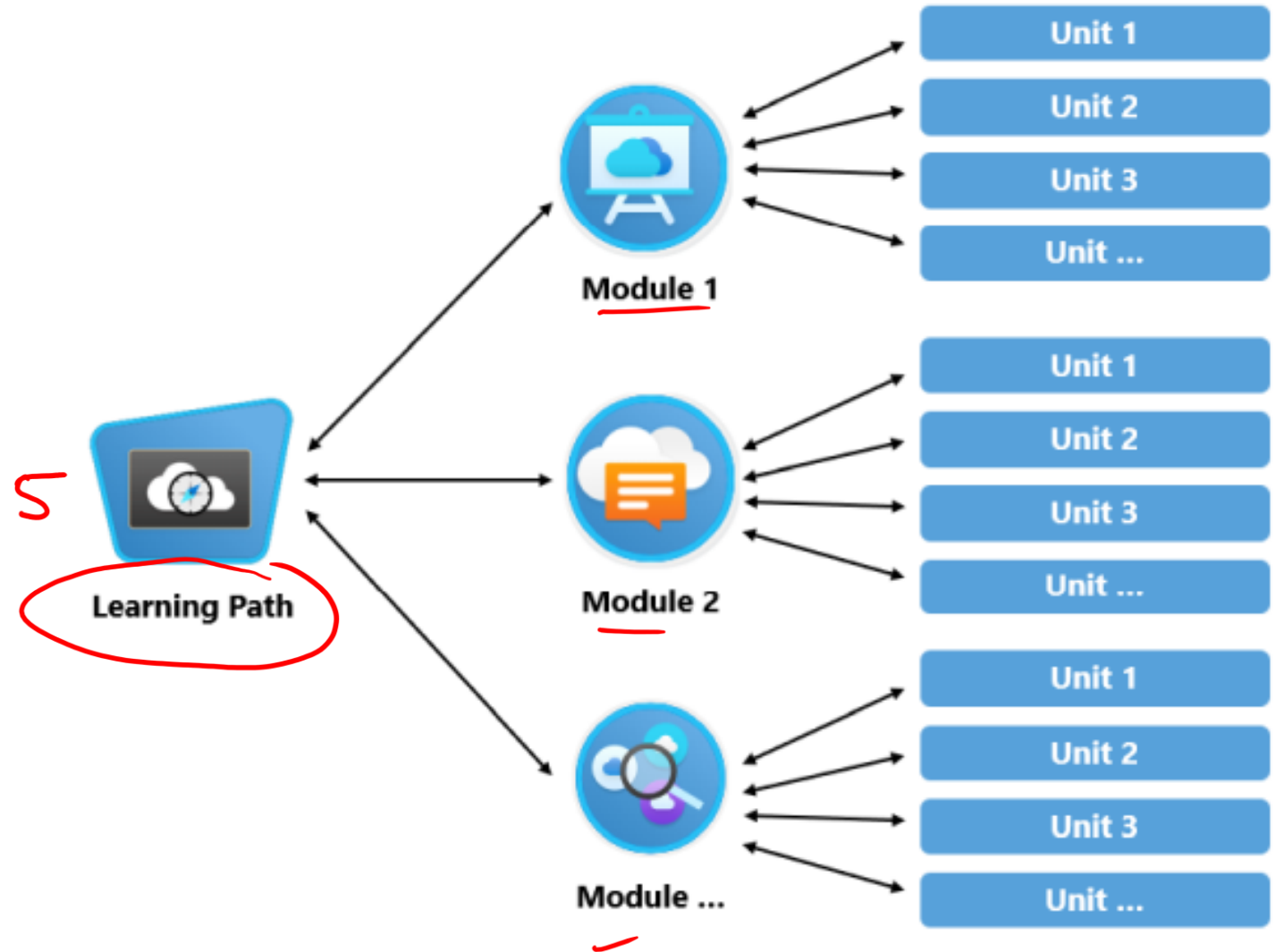
Microsoft Learn

Anonymous

- All Learning Paths ✓

With Learn Account ^{Profile}

- 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

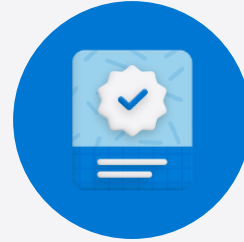
AZ-204: Integrate caching and content delivery within



LEARNING PATH

AZ-204: Implement user authentication and authorization

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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



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

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



Microsoft Certified: Azure Administrator **Associate**

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



Microsoft Certified: Azure Solutions Architect **Expert**

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

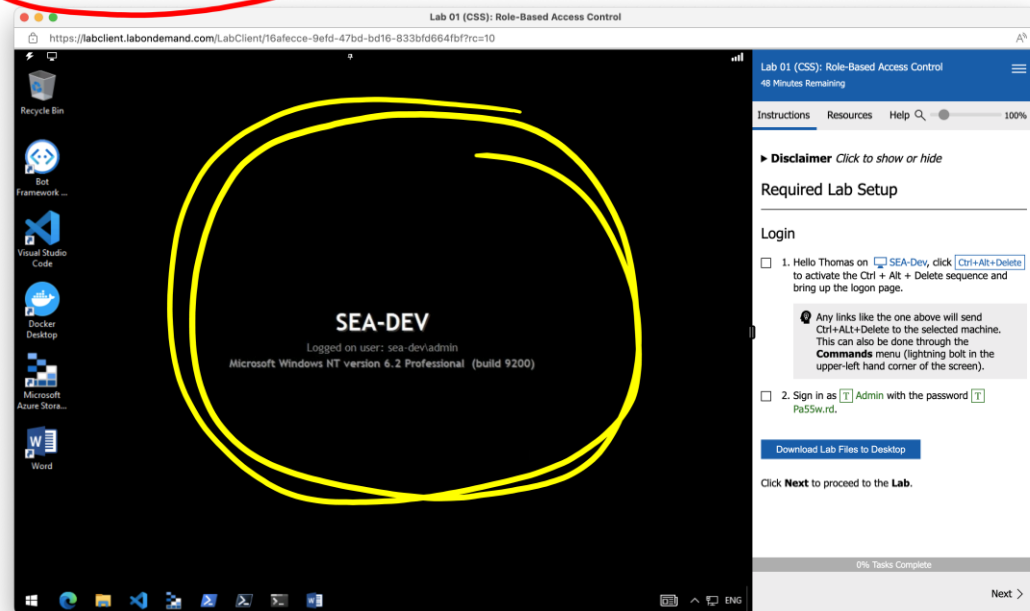
AZ-104 Labs

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

Lab key

Account

Azure Policies



1.1.1

End of presentation

