Microsoft

# Microsoft Learn
# Spark possibility

Microsoft

# AZ-104

Guten Morgen!

# Microsoft Azure Administrator

Seminar startet um $9^{00}$ Uhr.

Berlin Physik → Heidelberg IT NT 4.0

2011 windows Azure

2013 ARM Azure Resource Manager API

# Thomas Jäkel

brainymotion

**Lead Trainer Cloud Infrastructure**

**Microsoft Certified Trainer since 1999**

github.com/www42/az-104

PowerShell
Azure CLI
Template

# 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

ARM Templates

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# AZ-104 Course Outline

01: Administer Identity

02: Administer Governance and Compliance

03: Administer Azure Resources

04: Administer Virtual Networking

05: Administer Intersite Connectivity

06: Administer Network Traffic Management

07: Administer Azure Storage

08: Administer Azure Virtual Machines

09: Administer PaaS Compute Options

10: Administer Data Protection

11: Administer Monitoring

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# Let’s get to know each other

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

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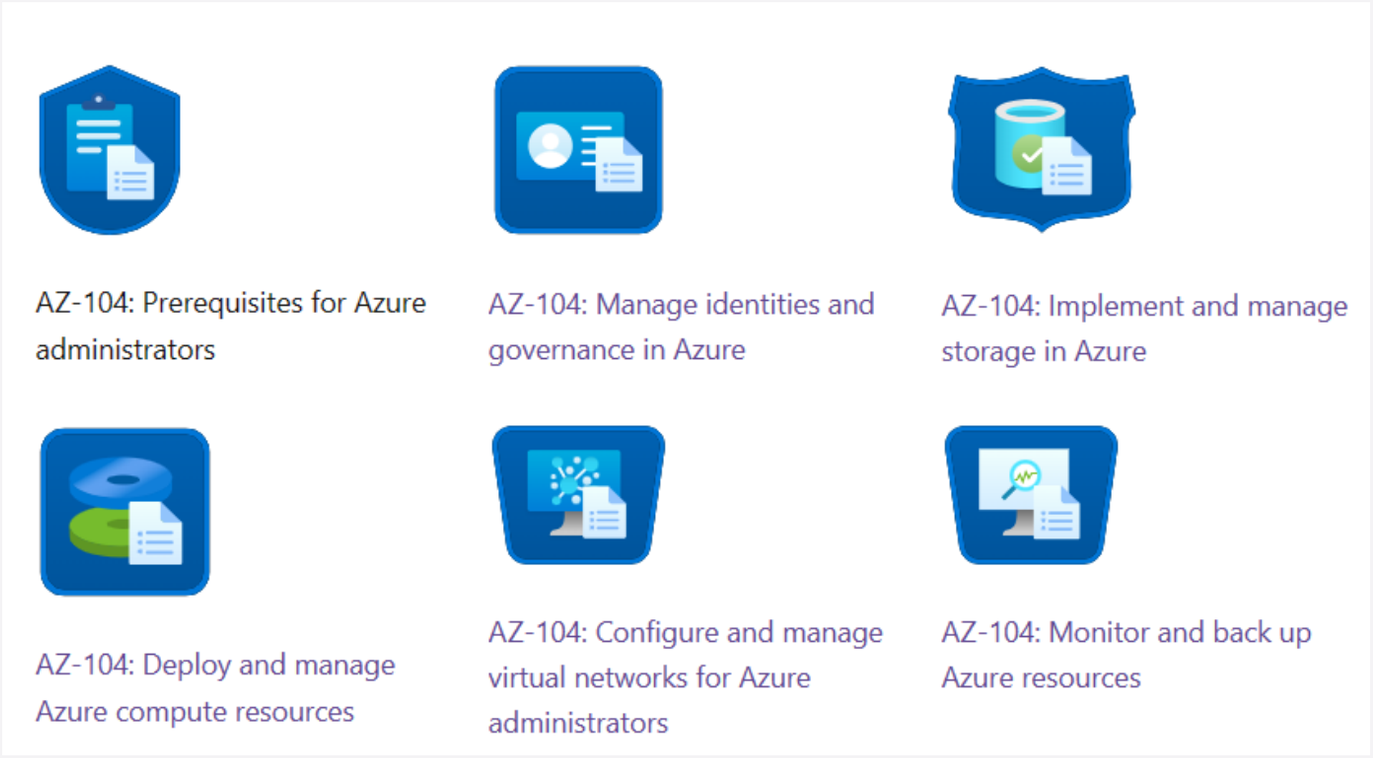
# Access your course materials

All course content is available on Microsoft Learn




- 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.

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# Microsoft Learn

## Anonymously

- All Learning Paths

## With Learn Account

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- Level
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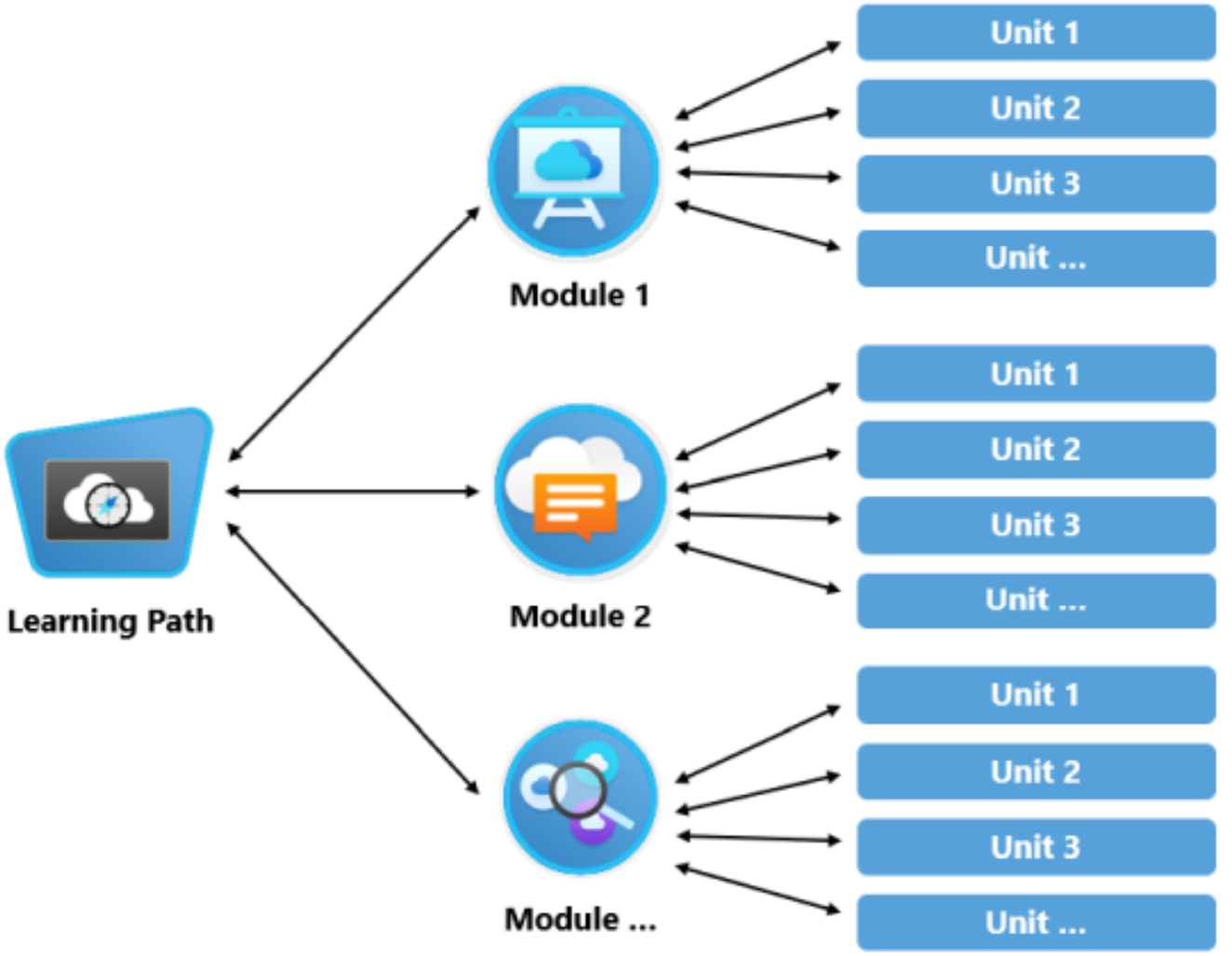
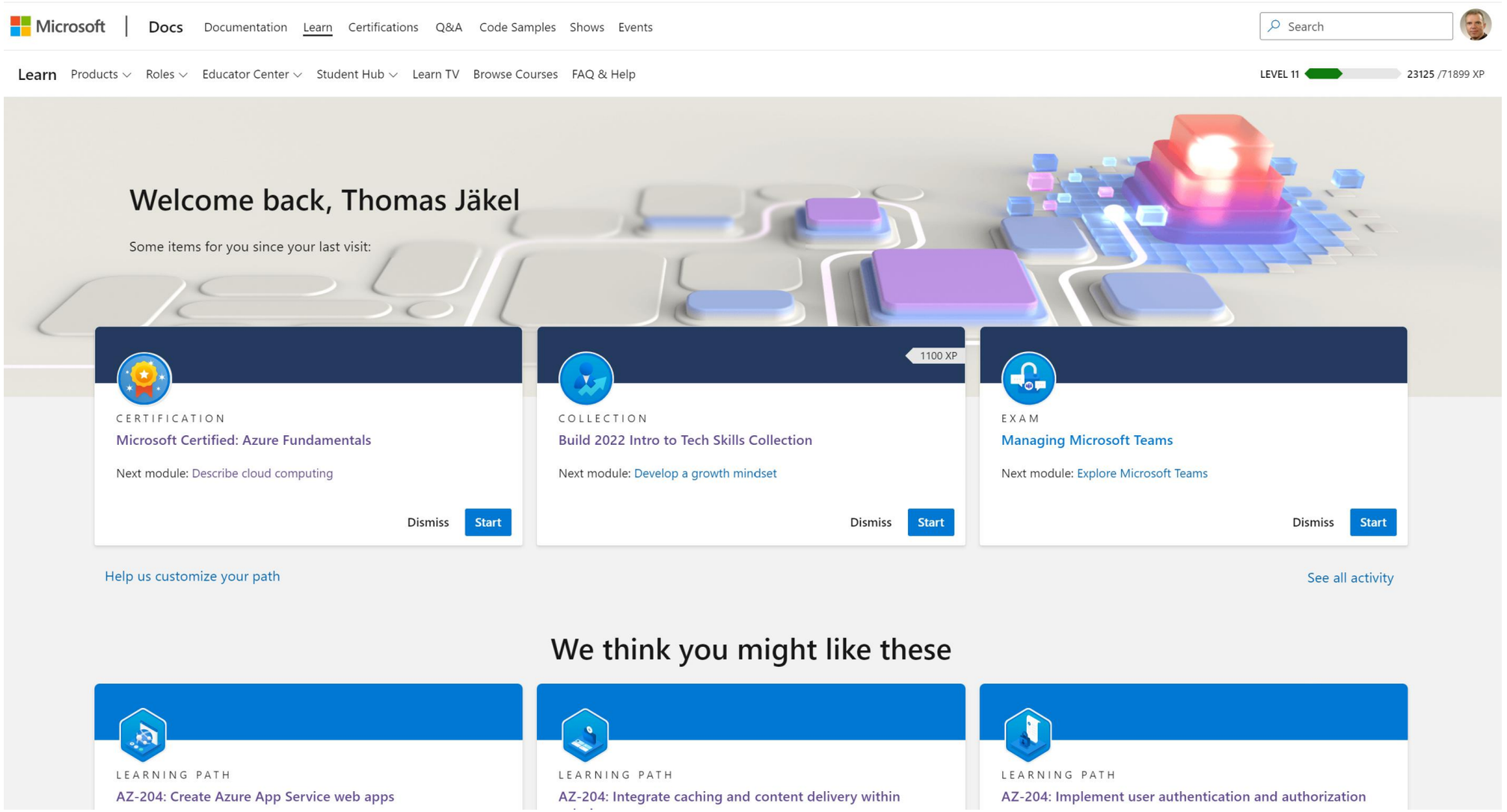
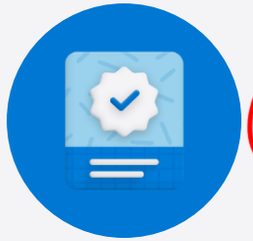


# aka.ms/Learn


Microsoft | Docs
Documentation
Learn
Certifications
Q&A
Code Samples
Shows
Events
Search
Learn
Products
Roles
Educator Center
Student Hub
Learn TV
Browse Courses
FAQ & Help
LEVEL 11
23125 /71899 XP
Welcome back, Thomas Jäkel
Some items for you since your last visit:
1100 XP
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 certifications[1]

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

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# Microsoft Certifications

Prüfung: keine Hilfe
Recert.: Hilfe erlaubt

en

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

Key Distrib Center
KDC
DC

AZ-104

AZ-305

## 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

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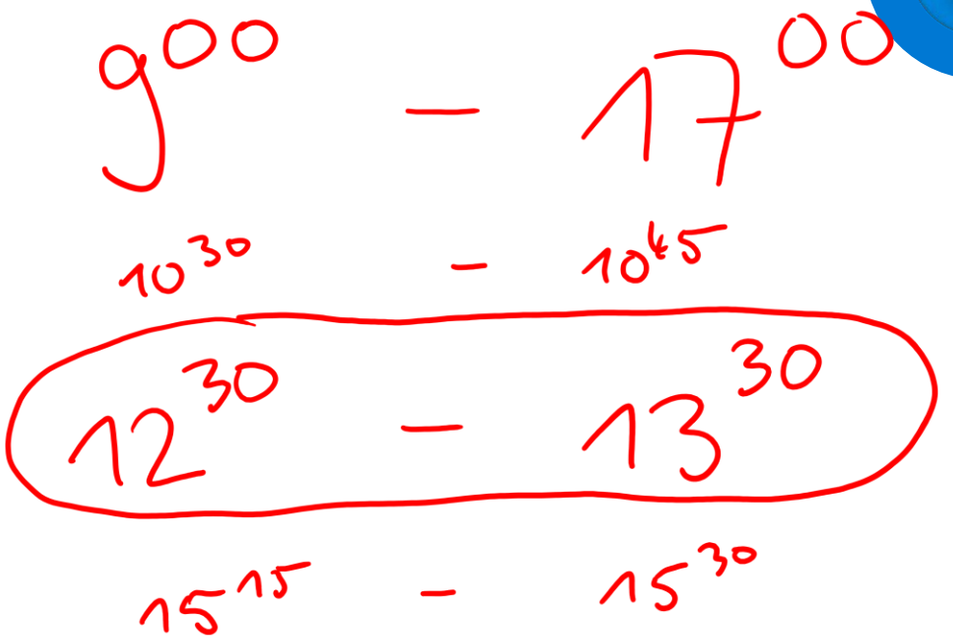
# Let’s have a great time together

## We all contribute to a great class




## What you should know about our facilities

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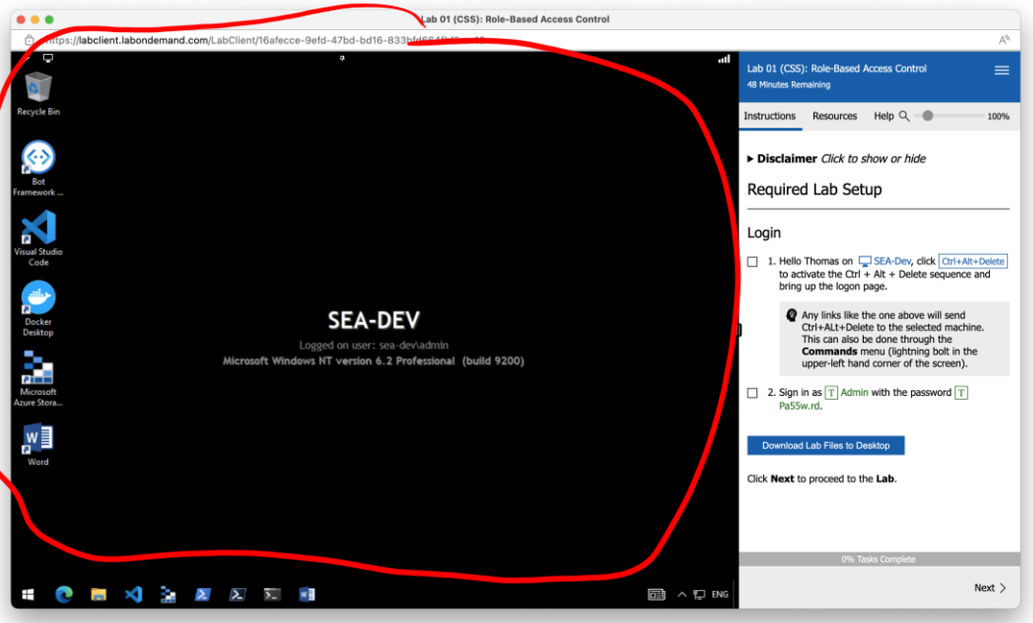
# AZ-104 Labs

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




Step-by-Step

# End of presentation