



AZ-104

# Microsoft Azure Administrator



# Thomas Jäkel

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Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

[github.com/www42/az-104](https://github.com/www42/az-104)



# 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

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



# Let's get to know each other

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



# 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.

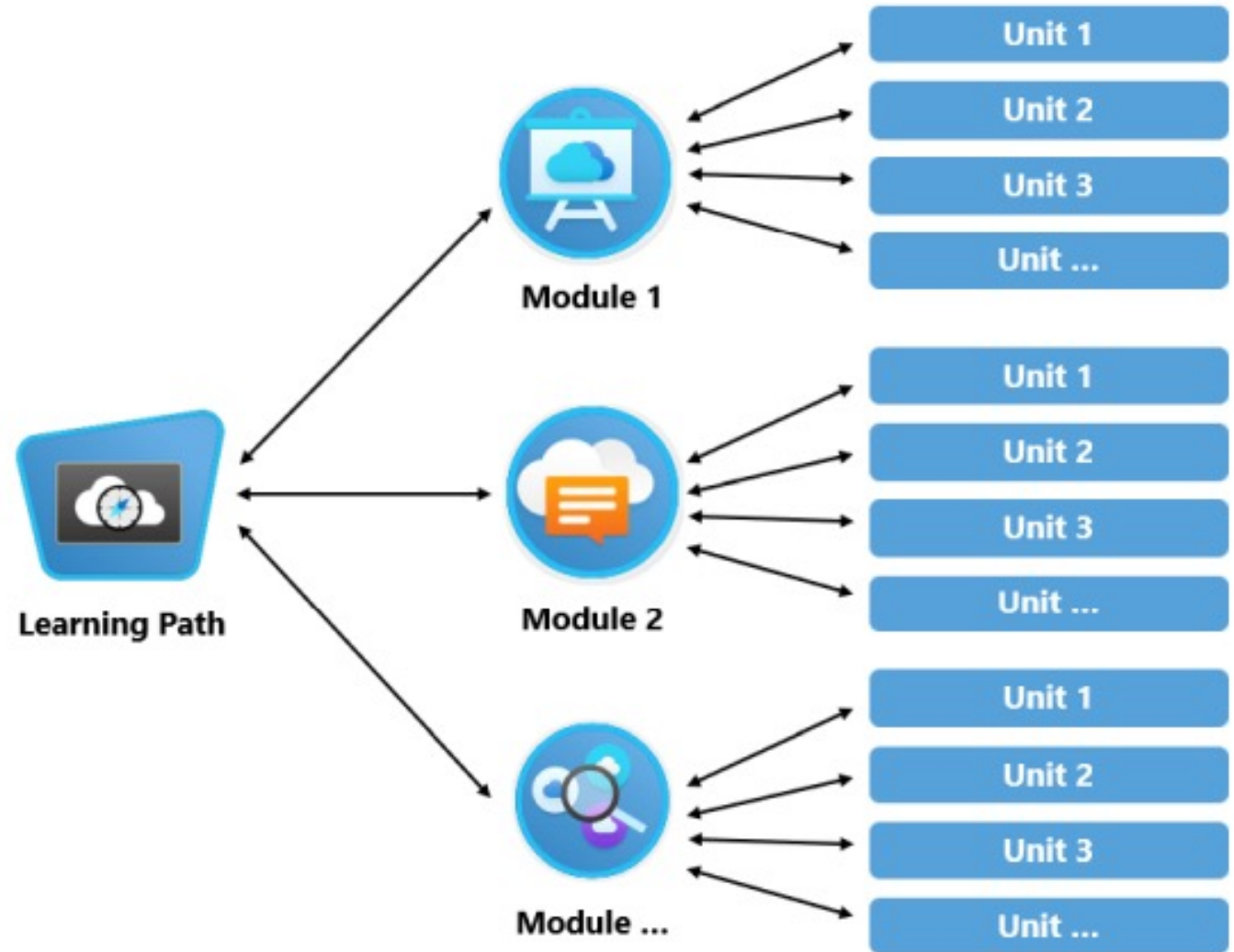
# Microsoft Learn

## 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

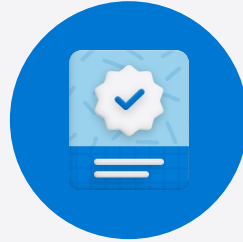


LEARNING PATH

AZ-204: Implement user authentication and authorization



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in their abilities after earning certifications<sup>1</sup>

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Microsoft role-based and specialty certifications require annual renewal.<sup>2</sup>

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[aka.ms/RenewYourCert](https://aka.ms/RenewYourCert)

<sup>1</sup> "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 <sup>2</sup> 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

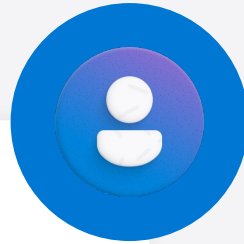


## Microsoft Certified: Azure Solutions Architect **Expert**

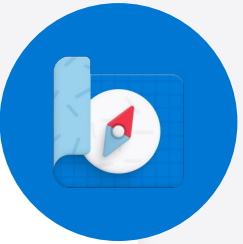
Designed for Azure Solutions Architects who create solutions for compute, network, storage, and security

# Let's have a great time together

We all contribute to a great class

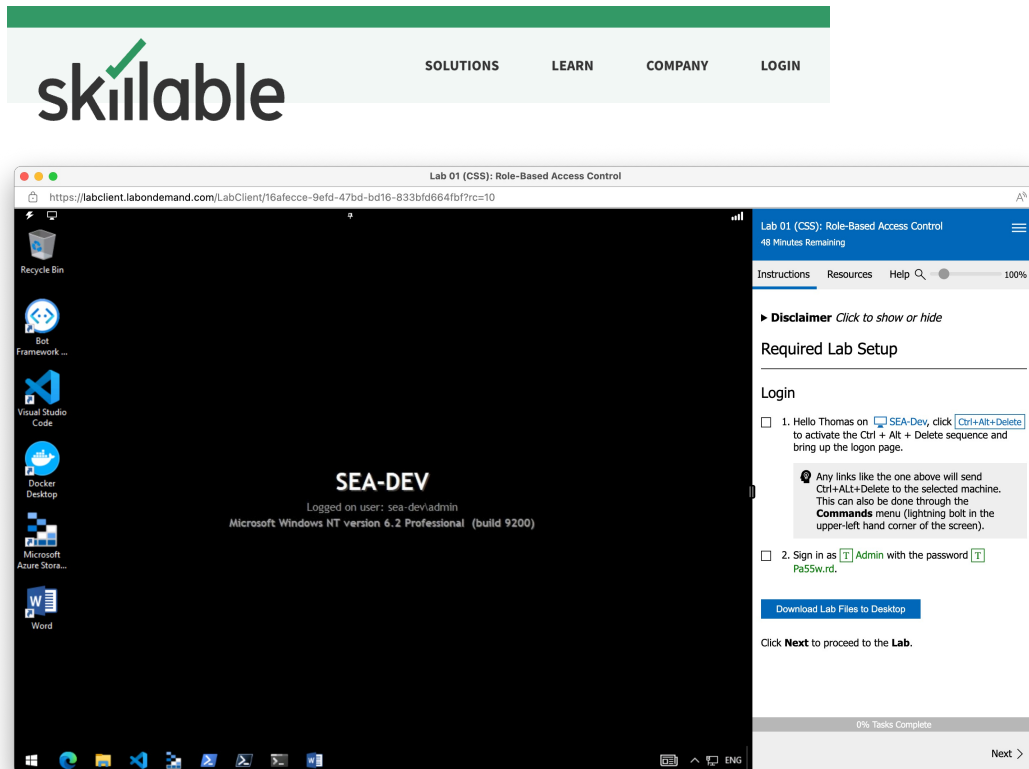


What you should know about our facilities



# AZ-104 Labs

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



End of presentation

