



Microsoft Learn Spark possibility



AZ-104

Microsoft Azure Administrator

Guten Morgen!



Thomas Jäkel

brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

github.com/www42/az-104

Physik
Heidelberg
NT 4.0
AD

ARM

Azure

AI

Powershell
Azure CLI



AZ-900

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

Entra ID

01: Administer Identity

LPN

RBAC

02: Administer Governance and Compliance

07: Administer Azure Storage

Blob
Files

08: Administer Azure Virtual Machines

03: Administer Azure Resources

Tool
Templates

09: Administer PaaS Compute Options

 Docker Container

04: Administer Virtual Networking

VNET

10: Administer Data Protection

05: Administer Intersite Connectivity

Peering
VPN

11: Administer Monitoring

LA Workspace
KQL

06: Administer Network Traffic Management

LB, AppGW

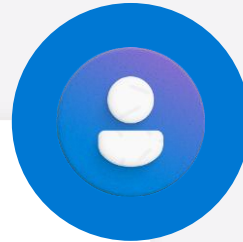
Let's get to know each other

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



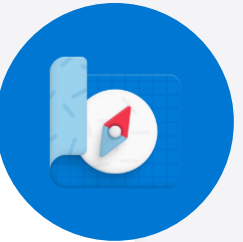
Let's have a great time together

We all contribute to a great class



9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰
15 min

What you should know about our facilities



Labs Go Deploy
MS Learn

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.

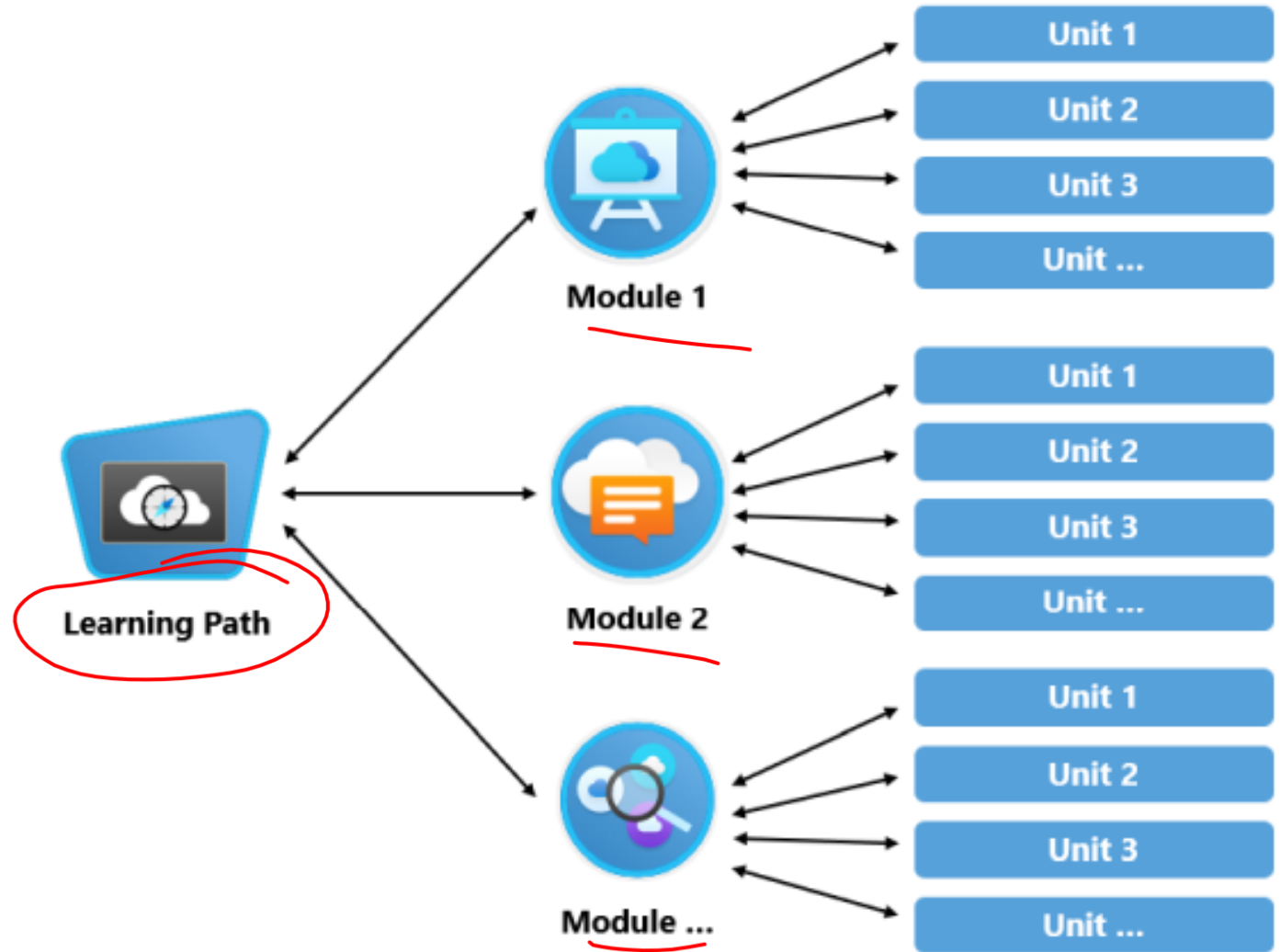
Microsoft Learn

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

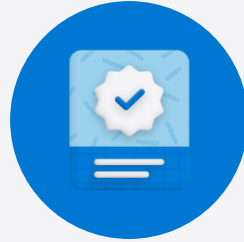
AZ-204: Integrate caching and content delivery within



LEARNING PATH

AZ-204: Implement user authentication and authorization

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in their abilities after earning certifications¹

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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



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

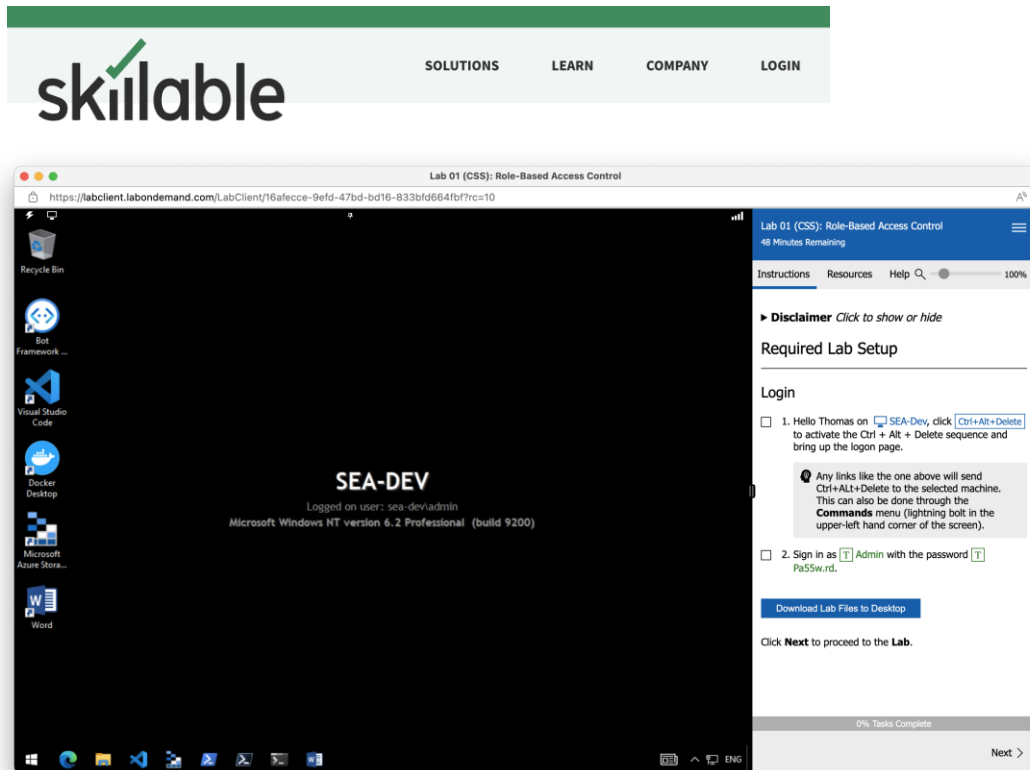


Microsoft Certified: Azure Solutions Architect **Expert**

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



Pause bis 10^{15} Uhr

https://lms.godeploy.it/

Sign in

Email

e.g. john.smith@example.com

Password

Sign in

Forgotten your password?

No account? [Register now.](#)

Sign in with Microsoft

go deploy
Online Labs

AZ-104T00 (CS) - Microsoft Azure Administrator (Cloud Share) 2024

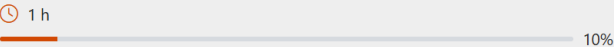
This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

Your progress

	58%
Total number of Labs:	19
Completed Labs:	10
Remaining Labs:	9
Total available time:	22 hrs 15 mins

Your current Lab

4. Manage Governance via Azure Policy



In this lab, you learn how to implement your organization's governance plans. You learn how Azure policies can ensure operational decisions are enforced across the organization. You learn how to use resource tagging to improve reporting.

- LAUNCH LAB
- VIEW NOTE
- MICROSOFT LEARN CONTENT

Labs

1. Azure Tips, Tricks, and Tools (Optional)



2. Manage Microsoft Entra ID Identities



3. Manage Subscriptions and RBAC Entra



End of presentation

