

AZ-700

Guten Morgen!

Designing and Implementing Azure Networking Solutions

Seminar startet um 9⁰⁰ Uhr.



Berlin
Physik → Heidelberg
IT

1998 NT 4.0

2011 Windows Azure

2013 Azure ARM

Thomas Jäkel

brainymotion

Lead Trainer Cloud Infrastructure

Microsoft Certified Trainer since 1999

PowerShell

github.com/www42/az-700



About this course

AZ-700

Prerequisites

- Successful Azure network engineers should have experience creating and managing compute, storage, and networking resources in Azure.

Azure Network Engineer Role

- Network engineers have subject matter expertise in planning, implementing, and managing Azure networking solutions. This includes core network infrastructure, hybrid connectivity, application delivery services, private access to Azure services, and network security.
- As an Azure network engineer, your responsibilities include optimizing performance, resiliency, scale, and security of Azure networking solutions. You deploy the solutions by using the Azure portal, the command line, and templates. You proactively monitor network environments to identify issues and minimize risk.

ARM ← Bicep
json

AZ-700 Agenda

- Module 01: Introduction to Azure Virtual Networks *VNet, Pip, Peering*
- Module 02: Designing and Implementing Hybrid Networking *VPN, VWAN*
- Module 03: Designing and Implementing Azure ExpressRoute
- Module 04: Load balance non-HTTP(S) traffic in Azure *LB*
- Module 05: Load balance HTTP(S) traffic in Azure *App GW, Front Door*
- Module 06: Design and Implement Network Security *NSG, ASG, FW*
- Module 07: Design and Implement private access to Azure Services *Service EP, Private EP*
- Module 08: Design and Implement Network Monitoring *LA, Network Watcher*

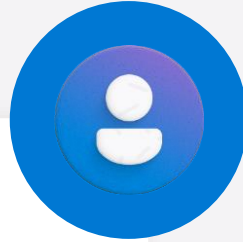
Let's get to know each other

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

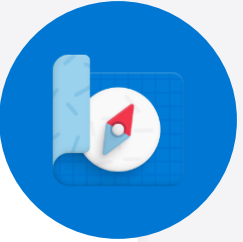


Let's have a great time together

We all contribute to a great class



What you should know about our facilities



9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰
15 min
No - Mi

aka.ms/Learn



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Some items for you since your last visit

CHALLENGE

[Microsoft Ignite: Generative AI with Azure OpenAI](#)

Next module: Fundamentals of Generative AI



Dismiss

Start

COLLECTION

[Getting started with generative AI using Azure OpenAI Service](#)

Next module: Fundamentals of Azure OpenAI Service



92%

Dismiss

Resume

CHALLENGE

[Machine Learning Challenge](#)

Next module: Fundamental AI Concepts



COMPLETED ✓

Dismiss

Resume

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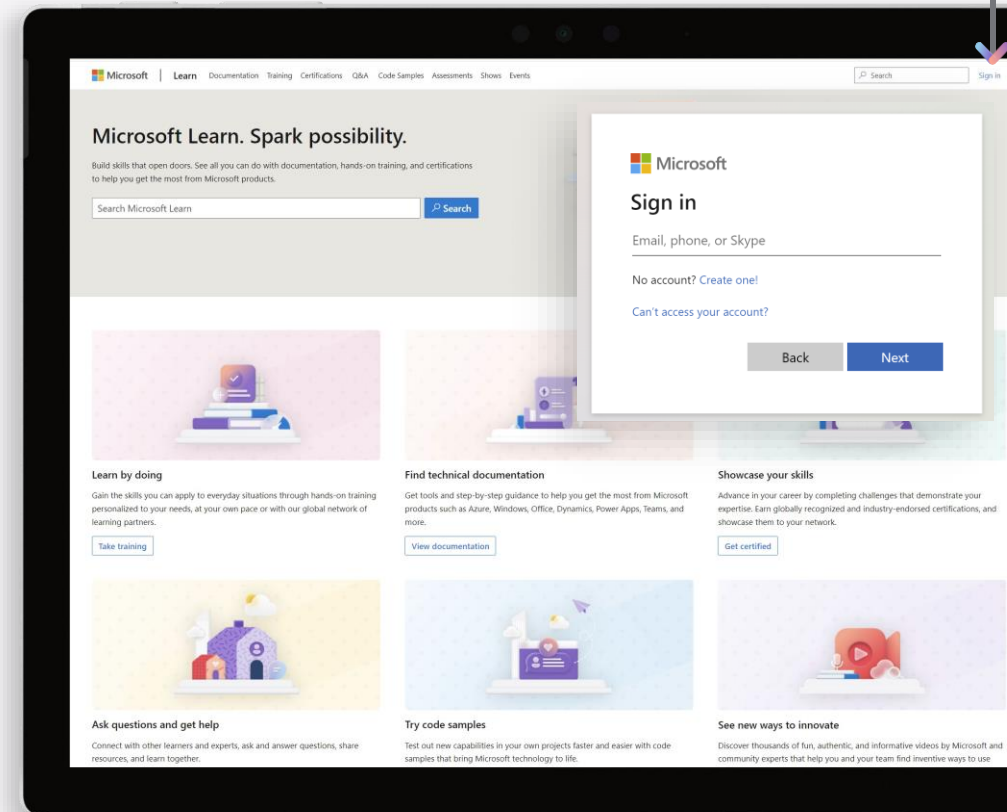
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- Detailed lab instructions are included in your lab environment.



AZ-700 Designing and Implementing Microsoft Azure Networking Solutions

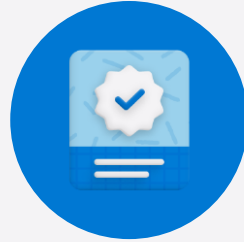
9 hr 27 min • Learning Path • 8 Modules

Intermediate Administrator Network Engineer Application Gateway DNS ExpressRoute Firewall Firewall Manager
Front Door Load Balancer Network Watcher Private Link Traffic Manager Virtual Network Virtual WAN VPN Gateway

Learn how to design and implement a secure network infrastructure in Azure and how to establish hybrid connectivity, routing, private access to Azure services, and monitoring in Azure.

9800 XP

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92%

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in their abilities after earning certifications¹

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¹ "2023 Value of IT Certification | Candidate Report," Pearson VUE, 2023 ² Microsoft fundamentals certifications don't expire

AZ-700 Exam

Take one exam



CERTIFICATION EXAM

Designing and Implementing
Microsoft Azure Networking
Solutions

Earn the certification



ASSOCIATE CERTIFICATION

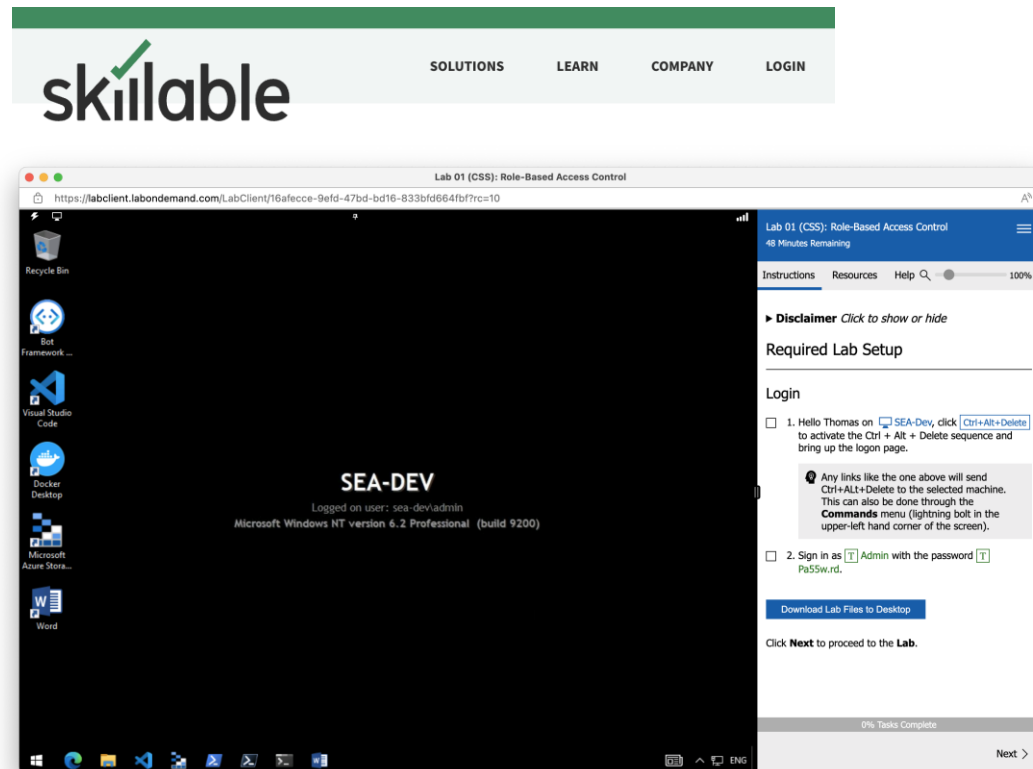
Microsoft Certified: Azure
Network Engineer
Associate

Skills measured

- Design, implement, and manage hybrid networking
- Design and implement core networking infrastructure
- Design and implement routing
- Secure and monitor networks
- Design and implement Private access to Azure Services

AZ-700 Labs

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



End of presentation

