

Key Distrib. Center

AZ-700

Guten Morgen!

Designing and Implementing Azure Networking Solutions

Seminar startet um 9⁰⁰ Uhr.



Berlin Physik → Heidelberg
NT 4.0

Thomas Jäkel

brainymotion

ETC

2011 Windows Azure

2013 ARM ✓

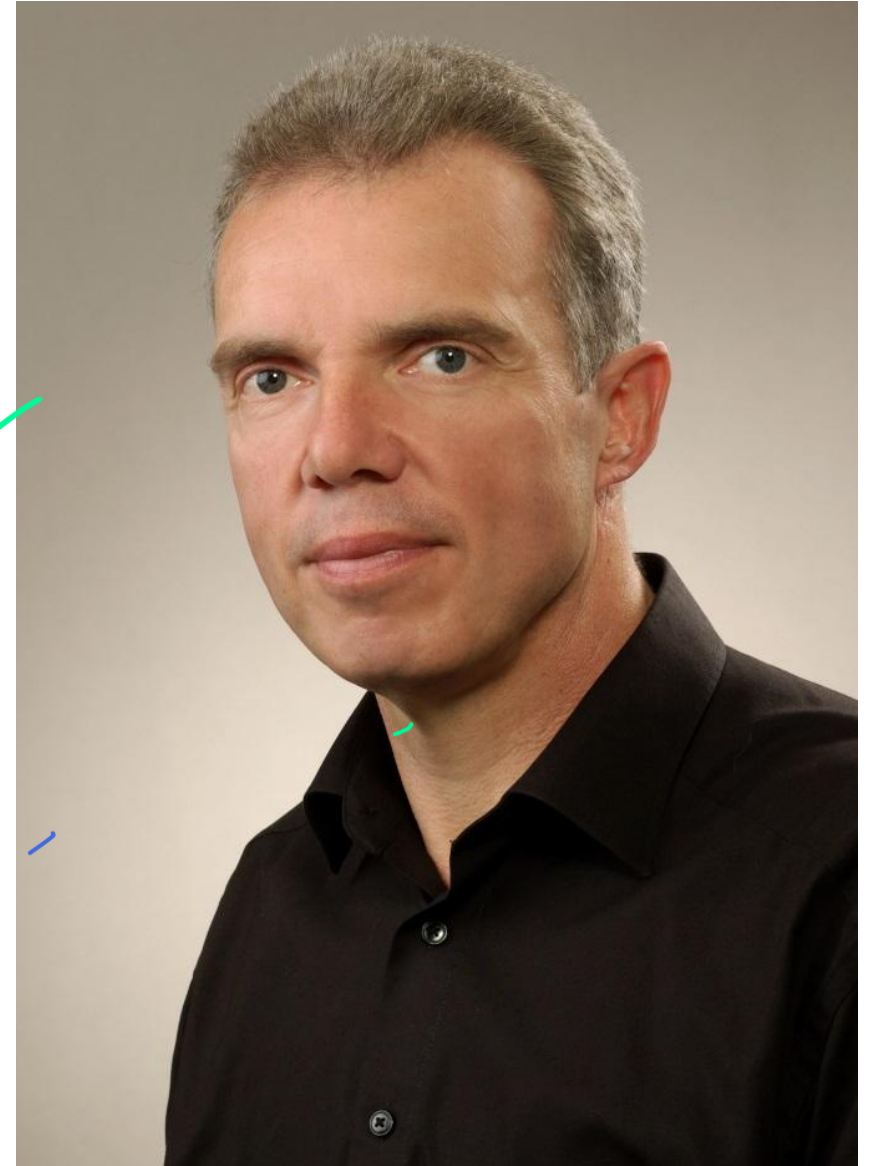
2016

Lead Trainer Cloud Infrastructure

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AI

github.com/www42/az-700



About this course

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.

AZ-700 Agenda

Module 01: Introduction to Azure Virtual Networks

VNet IP IPv6

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

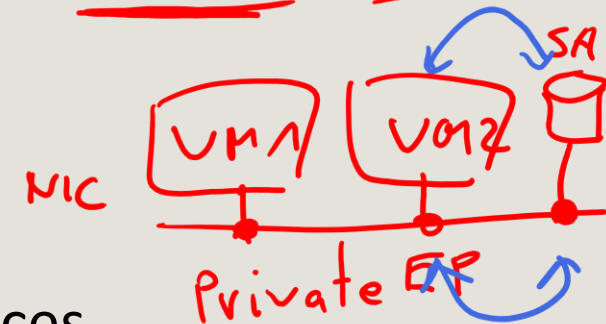
LB

WAF
AppGW FrontDoor

Module 05: Load balance HTTP(S) traffic in Azure

Module 06: Design and Implement Network Security

FW



Module 07: Design and Implement private access to Azure Services

Module 08: Design and Implement Network Monitoring

Network Watcher

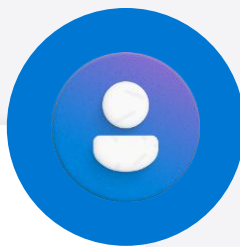
Let's get to know each other

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



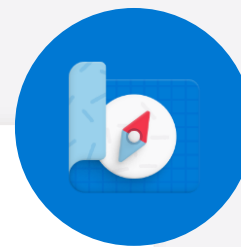
Let's have a great time together

We all contribute to a great class



9⁰⁰ - 17⁰⁰
12³⁰ - 13³⁰

What you should know about our facilities



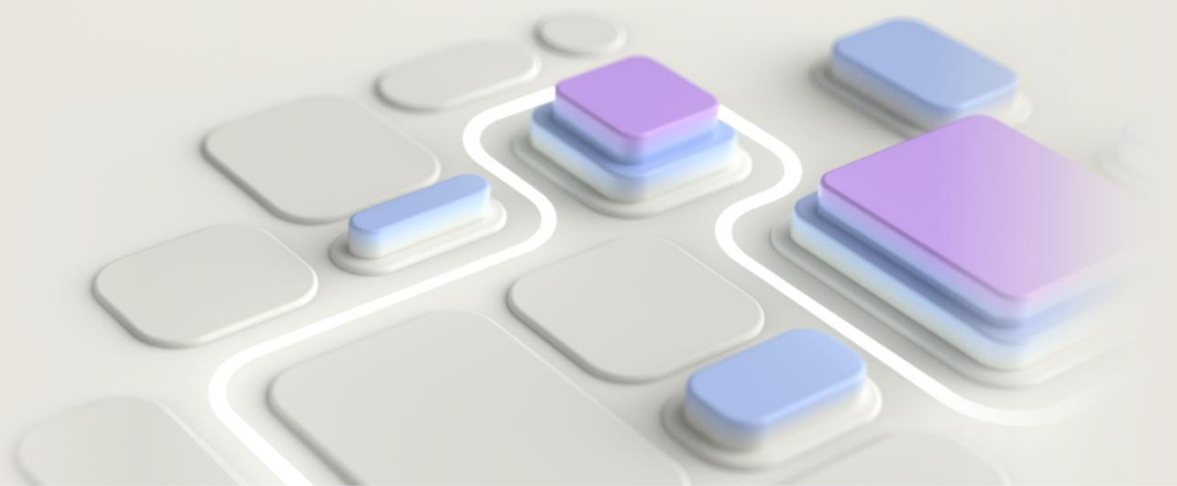
Lab key
→ Skillable
Ⓜ

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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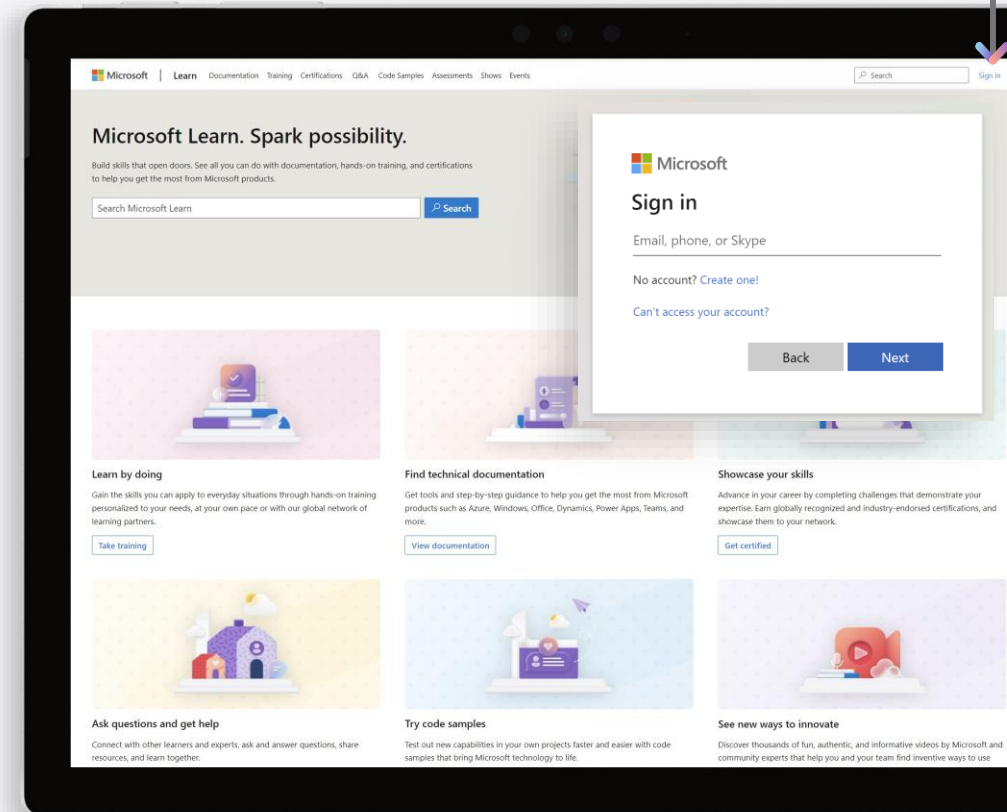
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- We'll go through this content together and as the course progresses, I will advise you on which modules to review.
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- Detailed lab instructions are included in your lab environment.



AZ-700 Designing and Implementing Microsoft Azure Networking Solutions

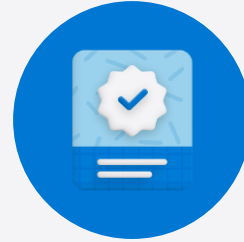
9 hr 27 min • Learning Path • 8 Modules

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

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AZ-700 Exam

theoretisch

einmalig
überwacht

126,- €

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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

Recertification

1 x Jahr
nicht

überwacht

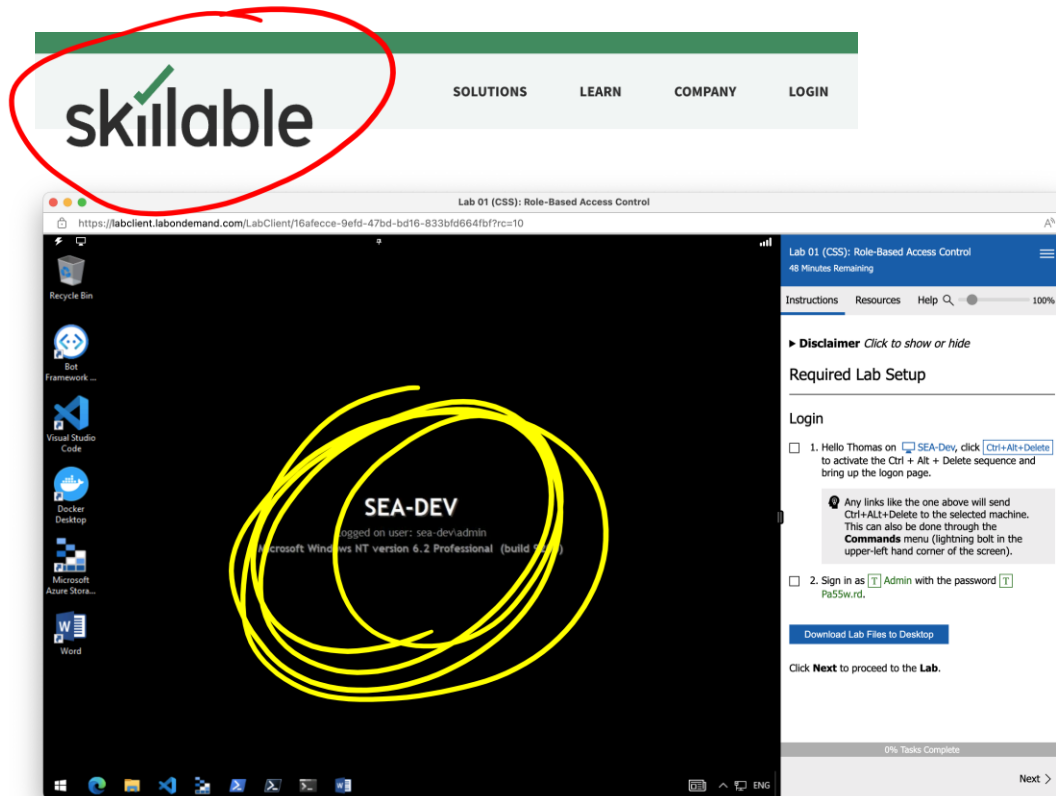
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AZ-700 Labs

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



Policies

End of presentation

