AZ-700T00

Designing and Implementing Microsoft Azure Networking Solutions

This course teaches network engineers how to design, implement and maintain Azure networking solutions. This course covers the process of designing, implementing, and managing Azure core network infrastructure, hybrid networking connections, traffic load balancing, network routing, private access to Azure services, network security, and monitoring. Learn how to design and implement a secure, reliable network infrastructure in Azure and how to establish hybrid connectivity, routing, private access to Azure services and monitoring in Azure.

Course Contents
• Introduction to Azure Virtual Networks
• Design and Implement Hybrid Networking
• Design and implement Azure ExpressRoute
• Load balancing non-HTTP(S) traffic in Azure
• Load balancing HTTP(S) traffic in Azure
• Design and implement network security
• Design and implement private access to Azure Services
• Design and implement network monitoring

E-Book The original Microsoft courseware is made available to you online.

Target Group
This course is aimed at network engineers who wish to specialize in Azure networking solutions. An Azure network engineer designs and implements Azure core network infrastructure, hybrid network connections, traffic load balancing, network routing, private access to Azure services, network security and monitoring. The Azure Network Engineer manages network solutions for optimal performance, resiliency, scale and security.

Prerequisites
Successful Azure Network Engineers start this role with experience in enterprise networks, on-premises or cloud infrastructure and network security.

• Understand on-premises virtualization technologies, including: VMs, virtual networking, and virtual disks.
• Understand network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls and encryption technologies.
• Understand software-defined networking
• Understand hybrid network connection methods, such as VPN.
• Understand resilience and disaster recovery, including high availability and recovery operations.

Prerequisite courses (or equivalent knowledge and practical experience):

This free online training will give you the experience you need to be successful in this course.

• Azure Fundamentals Part 1: Describing core Azure concepts - Learn | Microsoft Docs
• Azure Fundamentals Part 2: Describing Azure services - Learn | Microsoft Docs
• Azure Fundamentals Part 3: Describe core solutions and management tools on Azure - Learn | Microsoft Docs
• Azure Fundamentals Part 4: Describe common security and network security features - Learn | Microsoft Docs
• AZ-104: Configure and Manage Virtual Networks for Azure Administrators - Learn | Microsoft Docs

Status 06/24/2025

This Course in the Web
You can find the up-to-date information and options for ordering under the following link:
www.experteach-training.com/go/**MZ70**

Reservation
On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

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Classes in Germany	**3 Days**	**€ 1,795**
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Date/course venue		Course language German
07/07-09/07/25 ᴼᴺOnline		29/10-31/10/25 ᴼᴺOnline

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