

# 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

### Course Target

This training covers topics relevant to the Microsoft Certified: Azure Network Engineer Associate exam.

Status 04/14/2026

### 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](http://www.experteach-training.com/go/MZ70)

### Reservation

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

### Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

### Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.	
<b>Classes in Germany</b>	<b>3 Days</b>	<b>€ 1,850</b>	
<b>Online Training</b>	<b>3 Days</b>	<b>€ 1,850</b>	
<b>Date/course venue</b>	<b>Course language German</b>		
06/07-08/07/26	Hamburg	21/10-23/10/26	Düsseldorf
06/07-08/07/26	Online	21/10-23/10/26	Online
24/08-26/08/26	München	14/12-16/12/26	Frankfurt
24/08-26/08/26	Online	14/12-16/12/26	Online

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## Our Training Offer for You:



### Classroom Training

The live training experience in our training centers or on your premises on-site.



### Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



### Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



### In-house Training

We create your customized training concepts for your project.



### Guaranteed Course Dates

ExperTeach guaranteed course dates allow for secure and reliable planning.

## Awards Won by ExperTeach



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