



Microsoft Azure Certification BootCamp for AZ-700 (Designing and Implementing Microsoft Azure Networking Solutions)

Duration: 3 Days

| DESCRIPTION

This course teaches Network Engineers how to design, implement, and maintain Azure networking solutions. This course covers the process of designing, implementing, and managing core Azure networking infrastructure, Hybrid Networking connections, load balancing traffic, 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.



| PRE-REQUISITES

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

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☁ Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.

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☁ Understanding of network configurations, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.

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☁ Understanding of software defined networking.

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☁ Understanding hybrid network connectivity methods, such as VPN.

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☁ Understanding resilience and disaster recovery, including high availability and restore operations.

| Prerequisite courses (or equivalent knowledge and hands-on experience):

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

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☁ Azure Fundamentals part 1: Describe core Azure concepts - Learn | Microsoft Docs

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☁ Azure Fundamentals part 2: Describe core Azure services - Learn | Microsoft Docs

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☁ Azure Fundamentals part 3: Describe core solutions and management tools on Azure - Learn | Microsoft Docs

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☁ Azure Fundamentals part 4: Describe general security and network security features - Learn | Microsoft Docs

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☁ AZ-104: Configure and manage virtual networks for Azure administrators - Learn | Microsoft Docs

| OBJECTIVES

Design, implement and manage hybrid network connections

Design and implement core Azure networking infrastructure

Design and implement routing and load balancing in Azure

Secure and monitor networks

Design and implement private access to Azure Services

COURSE OUTLINE

Module 01

Introduction to Azure Virtual Networks

Module 02

Design and Implement Hybrid Networking

Module 03

Design and implement Azure ExpressRoute

Module 04

Load balancing non-HTTP(S) traffic in Azure

Module 05

Load balancing HTTP(S) traffic in Azure

Module 06

Design and implement network security

Module 07

Design and implement private access to Azure Services

Module 08

Design and implement network monitoring

| Who Should Attend

This course is for Network Engineers looking to specialize in Azure networking solutions. An Azure Network engineer designs and implements core Azure networking infrastructure, hybrid networking connections, load balance traffic, network routing, private access to Azure services, network security and monitoring. The azure network engineer will manage networking solutions for optimal performance, resiliency, scale, and security.



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Best training center to learn Azure Cloud Computing services! Training was excellent and trainer has good knowledge about the real world use-cases to explain the course content.

Natalie, NOC Lead, CA Technologies

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CloudThat's Azure course was extremely detailed with good lab work and excellent group discussion on practical solutions. The Trainer was helpful and encouraged the students to solve practical problems using the Azure course material. It was an excellent experience to learn.

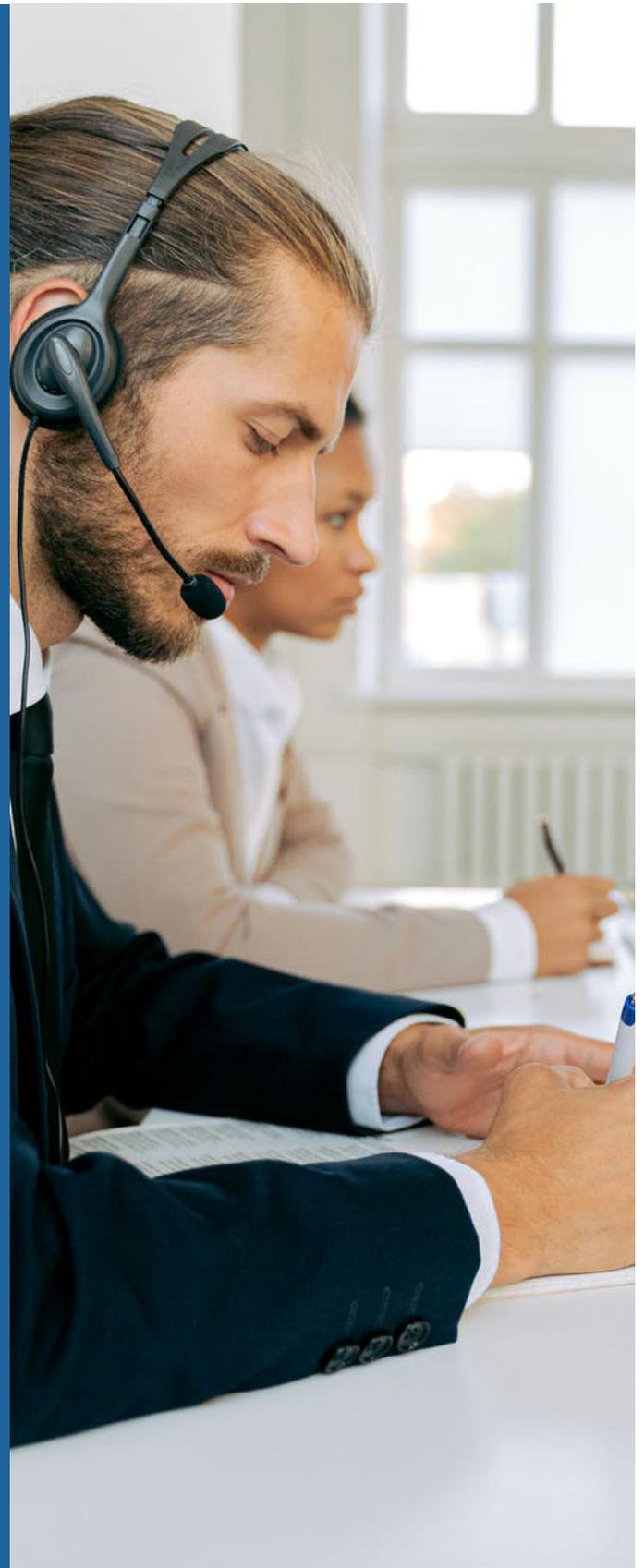
Kevin, Technical Integration Architect

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Training started on time, something I haven't experienced with other programs. Training with CloudThat was amazing. The Trainer explained the topics very well & covered more than what I expected. He was able to answer all my questions & explained about the career path, which was extremely helpful. You Rock!

Robert, Senior Software Analyst, Ellucion



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