

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Azure Network Engineer Associate

AZ-700

As a candidate for this certification, you should have subject matter expertise in planning, implementing, and managing Azure networking solutions, including: Core network infrastructure Hybrid connectivity Application delivery services Private access to Azure services Network security As an Azure network engineer your responsibilities include optimizing performance, resiliency, scale, and security of Azure networking solutions.

Cloud

Intermediate

Azure

DURATION

3 days

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Certified: Azure Network Engineer Associate

AUDIENCE PROFILE

Built for these roles

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. Successful Azure Network Engineers start this role with experience in enterprise networking, on-premises or cloud infrastructure and network security. - Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks. - Understanding of network configurations, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies. - Understanding of software defined networking. - Understanding hybrid network connectivity methods, such as VPN. - Understanding resilience and disaster recovery, including high availability and restore operations.

OVERVIEW

Executive overview

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.

TRAINING PROVIDER


VNode ITeS


MICROSOFT CERTIFIED TRAINER

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PROGRAM OUTCOMES

Capabilities your teams will gain

- Design and implement core networking infrastructure
- Design, implement, and manage connectivity services
- Design and implement application delivery services
- Design and implement private access to Azure services

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Azure Network Engineer Associate using the official Microsoft Learn skill outline.

Customization options

- Align labs to your Microsoft tenant and workload scenarios
- Add readiness checks and exam preparation reviews
- Extend delivery with role-specific implementation workshops

CURRICULUM

Curriculum roadmap

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MODULE 1

AZ-700 Design and Implement Microsoft Azure Network Solutions

AZ-700 Design and Implement Microsoft Azure Network Solutions

- Introduction to Azure Virtual Networks
- Design and implement hybrid networking
- Design and implement Azure ExpressRoute
- Load balance non-HTTP(S) traffic in Azure
- Load balance HTTP(S) traffic in Azure
- Design and implement network security
- Design and implement private access to Azure Services
- Design and implement network monitoring

PRIVATE DELIVERY

Plan a private cohort for your team





Scope delivery format, role mix, and rollout timeline with our solutions team.

[Plan Private Delivery](#)

[Book advisory call](#)

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