

Design and Implement Azure Networking Solutions (AZ-700) Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The Design and Implement Azure Networking Solutions (AZ-700) training course provided by Multisoft Systems equips participants with essential skills to master networking in the Microsoft Azure environment.

Module 1: Introduction to Azure Virtual Networks

- ✓ Implement virtual networks
- ✓ Configure public IP services
- ✓ Design and implement name resolution
- ✓ Design and implement cross-VNET connectivity
- ✓ Implement virtual network routing
- ✓ Design and implement an Azure Virtual Network NAT

Module 2: Design and implement hybrid networking

- ✓ Design and implement a site-to-site VPN connection
- ✓ Design and implement a point-to-site VPN connection
- ✓ Design and implement authentication for point-to-site VPN connections
- ✓ Design and implement Azure Virtual WAN

Module 3: Design and implement Azure ExpressRoute

- ✓ Design and implement ExpressRoute
- ✓ Design and implement ExpressRoute Global Reach
- ✓ Design and implement ExpressRoute FastPath
- ✓ Troubleshoot ExpressRoute connection issue

Module 4: load balancing non-HTTP(S) traffic in Azure

- ✓ Explore load balancing
- ✓ Design and implement Azure load balancer using the Azure portal
- ✓ Explore Azure Traffic Manager
- ✓ Design and implement Azure Load Balancers
- ✓ Design and implement Azure Traffic Manager

Module 5: Load balancing HTTP(S) traffic in Azure

- ✓ Design and implement Azure Application Gateway

- ✓ Implement Azure Front Door

Module 6: Design and implement network security

- ✓ Get network security recommendations with Microsoft Defender for Cloud
- ✓ Deploy Azure DDoS Protection by using the Azure portal
- ✓ Design and implement network security groups (NSGs)
- ✓ Design and implement Azure Firewall
- ✓ Design and implement a web application firewall (WAF) on Azure Front Door

Module 7: Design and implement private access to Azure Services

- ✓ Explain virtual network service endpoints
- ✓ Define Private Link Service and private endpoints
- ✓ Integrate private endpoints with DNS
- ✓ Design and configure private endpoints
- ✓ Design and configure access to service endpoints
- ✓ Integrate your App Service with Azure virtual networks

Module 8: Design and implement network monitoring

- ✓ Configure network health alerts and logging by using Azure Monitor
- ✓ Create and configure a Connection Monitor instance
- ✓ Configure and use Traffic Analytics
- ✓ Configure NSG flow logs
- ✓ Enable and configure diagnostic logging
- ✓ Configure Azure Network Watcher