AZURE NETWORKING ENGINEER ASSOCIATE

Z Zetlan Technologies

Online Course

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Course Modules

1: Introduction to Azure Virtual Networks
- Explore Azure Virtual Networks
- Configure public IP services
- Design name resolution for your Virtual Network
- Enable Cross-VNet connectivity with peering
- Implement virtual network traffic routing
- Configure internet access with Azure Virtual NAT

2: Design and Implement Hybrid Networking
- Design and implement Azure VPN Gateway
- Connect networks with Site-to-site VPN connections
- Cnct devices to networks wih Point-to-site VPN connections
- Create a network virtual appliance (NVA) in a virtual hub

3: Design and implement Azure
- Explore Azure ExpressRoute
- Design an ExpressRoute deployment
- Configure peering for an ExpressRoute deployment
- Connect an ExpressRoute circuit to a VNet
- Connect geographically dispersed networks
- Improve data path performance between networks
- Troubleshoot ExpressRoute connection issues

4: load balancing non-HTTP(S) traffic in Azure
- Explore load balancing
- Design and implement Azure load balancer
- Explore Azure Traffic Manager

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5: Load balancing HTTP(S) traffic in Azure
- Design Azure application gateway
- Configure Azure application gateway
- Design and configure Azure front door

6: Design and implement network Security
- Secure your virtual networks in the Azure portal
- Deploy Azure DDoS Protection by using the Azure portal
- Deploy Network Security Groups by using the Azure portal
- Design and implement Azure Firewall
- Working with Azure Firewall Manager
- Implement a Web Application Firewall on Azure Front Door

7: Design and implement private access to Azure Services
- Define Private Link Service and private endpoint
- Explain virtual network service endpoints
- Integrate Private Link with DNS
- Integrate your App Service with Azure virtual networks

8: Design and implement network monitoring
- Monitor your networks with Azure Monitor
- Monitor your networks with Azure Network Watcher

LEARN REMOTELY!!

The efficiency of online learning in terms of time management, flexibility, and the ability to access resources anytime, anywhere can be compelling.

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For contact:+91 8680961847
+91 9600579474

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