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#1 Online Certification Guide

MICROSOFT AZ-700

Microsoft Designing and Implementing Microsoft Azure Networking Solutions Certification Questions & Answers

Exam Summary – Syllabus –Questions

AZ-700

Microsoft Certified - Azure Network Engineer Associate

40-60 Questions Exam – 700/1000 Cut Score – Duration of 120 minutes

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Know Your AZ-700 Certification Well:

The AZ-700 is best suitable for candidates who want to gain knowledge in the Microsoft Azure. Before you start your AZ-700 preparation you may struggle to get all the crucial Designing and Implementing Microsoft Azure Networking Solutions materials like AZ-700 syllabus, sample questions, study guide.

But don't worry the AZ-700 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the AZ-700 syllabus?
- How many questions are there in the AZ-700 exam?
- Which Practice test would help me to pass the AZ-700 exam at the first attempt?

Passing the AZ-700 exam makes you Microsoft Certified - Azure Network Engineer Associate. Having the Designing and Implementing Microsoft Azure Networking Solutions certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Microsoft AZ-700 Designing and Implementing Microsoft Azure Networking Solutions Certification Details:

Exam Name	Microsoft Certified - Azure Network Engineer Associate
Exam Code	AZ-700
Exam Price	$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**Course AZ-700T00: Designing and Implementing Microsoft Azure Networking Solutions**
Schedule Exam	**Pearson VUE**
Sample Questions	**Designing and Implementing Microsoft Azure Networking Solutions Sample Questions**
Practice Exam	**Microsoft AZ-700 Certification Practice Exam**

AZ-700 Syllabus:

Topic	Details
Design, Implement, and Manage Hybrid Networking (10-15%)	
Design, implement, and manage a site-to-site VPN connection	- design a site-to-site VPN connection for high availability - select an appropriate virtual network (VNet) gateway SKU - identify when to use policy-based VPN versus route-based VPN - create and configure a local network gateway - create and configure an IPsec/IKE policy - create and configure a virtual network gateway - diagnose and resolve virtual network gateway connectivity issues
Design, implement, and manage a point-to-site VPN connection	- select an appropriate virtual network gateway SKU - plan and configure RADIUS authentication - plan and configure certificate-based authentication - plan and configure OpenVPN authentication - plan and configure Azure Active Directory (Azure AD) authentication - implement a VPN client configuration file - diagnose and resolve client-side and authentication issues
Design, implement, and manage Azure ExpressRoute	- choose between provider and direct model (ExpressRoute Direct) - design and implement Azure cross-region connectivity between multiple ExpressRoute locations - select an appropriate ExpressRoute SKU and tier - design and implement ExpressRoute Global Reach - design and implement ExpressRoute FastPath - choose between private peering only, Microsoft peering only, or both - configure private peering - configure Microsoft peering - create and configure an ExpressRoute gateway - connect a virtual network to an ExpressRoute circuit - recommend a route advertisement configuration - configure encryption over ExpressRoute - implement Bidirectional Forwarding Detection - diagnose and resolve ExpressRoute connection issues

Topic	Details
Design and Implement Core Networking Infrastructure (20-25%)	
Design and implement private IP addressing for VNets	- create a VNet - plan and configure subnetting for services, including VNet gateways, private endpoints, firewalls, application gateways, and VNet-integrated platform services - plan and configure subnet delegation - plan and configure subnetting for Azure Route Server
Design and implement name resolution	- design public DNS zones - design private DNS zones - design name resolution inside a VNet - configure a public or private DNS zone - link a private DNS zone to a VNet
Design and implement cross-VNet connectivity	- design service chaining, including gateway transit - design VPN connectivity between VNets - implement VNet peering
Design and implement an Azure Virtual WAN architecture	- design an Azure Virtual WAN architecture, including selecting types and services - connect a VNet gateway to Azure Virtual WAN - create a hub in Virtual WAN - create a network virtual appliance (NVA) in a virtual hub - configure virtual hub routing - create a connection unit
Design and Implement Routing (25-30%)	
Design, implement, and manage VNet routing	- design and implement user-defined routes (UDRs) - associate a route table with a subnet - configure forced tunneling - diagnose and resolve routing issues - design and implement Azure Route Server
Design and implement an Azure Load Balancer	- choose an Azure Load Balancer SKU (Basic versus Standard) - choose between public and internal - create and configure an Azure Load Balancer (including cross-region) - implement a load balancing rule - create and configure inbound NAT rules - create explicit outbound rules for a load balancer
Design and implement Azure Application Gateway	- recommend Azure Application Gateway deployment options - choose between manual and autoscale - create a back-end pool

Topic	Details
	- configure health probes - configure listeners - configure routing rules - configure HTTP settings - configure Transport Layer Security (TLS) - configure rewrite sets
Implement Azure Front Door	- choose an Azure Front Door SKU - configure health probes, including customization of HTTP response codes - configure SSL termination and end-to-end SSL encryption - configure multisite listeners - configure back-end targets - configure routing rules, including redirection rules
Implement an Azure Traffic Manager profile	- configure a routing method (mode) - configure endpoints - create HTTP settings
Design and implement an Azure Virtual Network NAT	- choose when to use a Virtual Network NAT - allocate public IP or public IP prefixes for a NAT gateway - associate a Virtual Network NAT with a subnet
Secure and Monitor Networks (15-20%)	
Design, implement, and manage an Azure Firewall deployment	- design an Azure Firewall deployment - create and implement an Azure Firewall deployment - configure Azure Firewall rules - create and implement Azure Firewall Manager policies - create a secure hub by deploying Azure Firewall inside an Azure Virtual WAN hub - integrate an Azure Virtual WAN hub with a third-party NVA
Implement and manage network security groups (NSGs)	- create an NSG - associate an NSG to a resource - create an application security group (ASG) - associate an ASG to a NIC - create and configure NSG rules - interpret NSG flow logs - validate NSG flow rules - verify IP flow
Implement a Web Application Firewall (WAF) deployment	- configure detection or prevention mode - configure rule sets for Azure Front Door, including Microsoft managed and user defined - configure rule sets for Application Gateway, including Microsoft

Topic	Details
	managed and user defined - implement a WAF policy - associate a WAF policy
Monitor networks	- 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
Design and Implement Private Access to Azure Services (10-15%)	
Design and implement Azure Private Link service and Azure Private Endpoint	- create a Private Link service - plan private endpoints - create private endpoints - configure access to private endpoints - integrate Private Link with DNS - integrate a Private Link service with on-premises clients
Design and implement service endpoints	- create service endpoints - configure service endpoint policies - configure service tags - configure access to service endpoints
Configure VNet integration for dedicated platform as a service (PaaS) services	- configure App Service for regional VNet integration - configure Azure Kubernetes Service (AKS) for regional VNet integration - configure clients to access App Service Environment

Microsoft AZ-700 Sample Questions:

Question: 1

You have an Azure application gateway named AppGW1 that balances requests to a web app named App1.
You need to modify the server variables in the response header of App1. What should you configure on AppGW1?

a) rules
b) HTTP settings
c) rewrites
d) listeners

Answer: c

Question: 2

Reference Scenario: click here

You need to configure the default route in Vnet2 and Vnet3. The solution must meet the virtual networking requirements. What should you use to configure the default route?

a) a user-defined route assigned to GatewaySubnet in Vnet2 and Vnet3
b) a user-defined route assigned to GatewaySubnet in Vnet1
c) BGP route exchange
d) route filters

Answer: b

Question: 3

You have 10 Azure App Service instances. Each instance hosts the same web app. Each instance is in a different Azure region. You need to configure Azure Traffic Manager to direct users to the instance that has the lowest latency.

Which routing method should you use?

a) performance
b) geographic
c) weighted
d) priority

Answer: d

Question: 4

You need to provide connectivity to storage1. The solution must meet the PaaS networking requirements and the business requirements. What should you include in the solution?

a) a service endpoint
b) Azure Front Door
c) a private endpoint
d) Azure Traffic Manager

Answer: d

Question: 5

You have five virtual machines that run Windows Server. Each virtual machine hosts a different web app. You plan to use an Azure application gateway to provide access to each web app by using a hostname of www.contoso.com and a different URL path for each web app, for example: https://www.contoso.com/app1.

You need to control the flow of traffic based on the URL path. What should you configure?

a) HTTP settings
b) listeners
c) rules
d) rewrites

Answer: c

Question: 6

You are configuring two network virtual appliances (NVAs) in an Azure virtual network. The NVAs will be used to inspect all the traffic within the virtual network. You need to provide high availability for the NVAs.

The solution must minimize administrative effort. What should you include in the solution?

a) Azure Standard Load Balancer
b) Azure Traffic Manager
c) Azure Application Gateway
d) Azure Front Door

Answer: a

Question: 7

You fail to establish a Site-to-Site VPN connection between your company's main office and an Azure virtual network. You need to troubleshoot what prevents you from establishing the IPsec tunnel.

Which diagnostic log should you review?

a) IKEDiagnosticLog
b) RouteDiagnosticLog
c) GatewayDiagnosticLog
d) TunnelDiagnosticLog

Answer: a

Question: 8

You have an Azure application gateway for a web app named App1. The application gateway allows end-to-end encryption. You configure the listener for HTTPS by uploading an enterprise-signed certificate.

You need to ensure that the application gateway can provide end-to-end encryption for App1. What should you do?

a) Increase the Unhealthy threshold setting in the custom probe.
b) Enable the SSL profile to the listener.
c) Set Listener type to Multi site.
d) Upload the public key certificate to the HTTP settings.

Answer: d

Question: 9

Reference Scenario: click here
What should you implement to meet the virtual network requirements for the virtual machines that connect to Vnet4 and Vnet5?

a) a private endpoint
b) a virtual network peering
c) a private link service
d) a routing table
e) a service endpoint

Answer: b

Question: 10

You are planning an Azure Point-to-Site (P2S) VPN that will use OpenVPN. Users will authenticate by an on-premises Active Directory domain.

Which additional service should you deploy to support the VPN authentication?

a) an Azure key vault
b) a RADIUS server
c) a certification authority
d) Azure Active Directory (Azure AD) Application Proxy

Answer: b

Study Guide to Crack Microsoft Designing and Implementing Microsoft Azure Networking Solutions AZ-700 Exam:

- Getting details of the AZ-700 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the AZ-700 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for AZ-700 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the AZ-700 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on AZ-700 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for AZ-700 Certification

Make EduSum.com your best friend during your Designing and Implementing Microsoft Azure Networking Solutions exam preparation. We provide authentic practice tests for the AZ-700 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual AZ-700 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the AZ-700 exam.

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