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#1 Online Certification Guide

MICROSOFT AZ-720

Microsoft Troubleshooting Microsoft Azure Connectivity Certification Questions & Answers

Exam Summary – Syllabus –Questions

AZ-720

Microsoft Certified - Azure Support Engineer for Connectivity Specialty

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

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Know Your AZ-720 Certification Well:

The AZ-720 is best suitable for candidates who want to gain knowledge in the Microsoft Azure. Before you start your AZ-720 preparation you may struggle to get all the crucial Troubleshooting Microsoft Azure Connectivity materials like AZ-720 syllabus, sample questions, study guide.

But don't worry the AZ-720 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-720 syllabus?
- How many questions are there in the AZ-720 exam?
- Which Practice test would help me to pass the AZ-720 exam at the first attempt?

Passing the AZ-720 exam makes you Microsoft Certified - Azure Support Engineer for Connectivity Specialty. Having the Troubleshooting Microsoft Azure Connectivity 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-720 Troubleshooting Microsoft Azure Connectivity Certification Details:

Exam Name	Microsoft Certified - Azure Support Engineer for Connectivity Specialty
Exam Code	AZ-720
Exam Price	$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**Course AZ-720T00: Azure Support Engineer Troubleshooting Azure Connectivity**
Schedule Exam	**Pearson VUE**
Sample Questions	**https://www.edusum.com/microsoft/troubleshooting-microsoft-azure-connectivity-az-720-certification-sample-questions**
Practice Exam	**Microsoft AZ-720 Certification Practice Exam**

AZ-720 Syllabus:

Topic	Details
Troubleshoot business continuity issues (5-10%)	
Troubleshoot backup issues	- Review and interpret backup logs - Troubleshoot Azure virtual machines backup issues including restarting a failed backup job - Troubleshoot issues with Azure Backup agent - Troubleshoot Azure Backup Server issues - Troubleshoot scheduled backups
Troubleshoot recovery issues	- Troubleshoot Azure Site Recovery issues - Troubleshoot site recovery in hybrid scenarios that include Hyper-V, VMware ESX, or Microsoft Endpoint Manager - Troubleshoot restore issues when using Azure Backup Agent, Azure Backup, or Azure Backup Server - Troubleshoot issues recovering files from Azure VM backup
Troubleshoot hybrid and cloud connectivity issues (20-25%)	
Troubleshoot virtual network (VNet) connectivity	- Troubleshoot virtual private network (VPN) gateway transit issues - Troubleshoot hub-and-spoke VNet configuration issues - Troubleshoot global VNet peering connectivity issues - Troubleshoot peered connections
Troubleshoot name resolution issues	- Troubleshoot name resolution in scenarios that use Azure-provided name resolution - Troubleshoot name resolution in scenarios that use custom DNS servers - Review and interpret DNS audit logs - Troubleshoot name resolution for Azure private DNS zones - Troubleshoot issues with DNS records at public DNS providers - Troubleshoot domain delegation issues

Topic	Details
Troubleshoot point-to-site virtual private network (VPN) connectivity	- Troubleshoot Windows VPN client configuration issues - Troubleshoot OpenVPN VPN client configuration issues - Troubleshoot macOS VPN client configuration issues - Troubleshoot issues with certificate-based VPN connections - Troubleshoot issues with RADIUS-based VPN connections - Troubleshoot authentication issues in scenarios by using Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra
Troubleshoot site-to-site virtual private network connectivity	- Review and interpret network logs and captured network traffic from a VPN gateway - Determine the root cause for latency issues within site-to-site VPNs - Review and interpret VPN gateway configuration scripts - Reset a VPN gateway - Troubleshoot VPN gateway issues by running Log Analytics queries
Troubleshoot Azure ExpressRoute connectivity issues	- Determine whether routes are correctly configured and operational - Validate the peering configuration for an ExpressRoute circuit - Reset an ExpressRoute circuit - Troubleshoot route filtering - Troubleshoot custom defined routes - Determine the root cause of latency issues related to ExpressRoute
Troubleshoot Platform as a Service issues (5-10%)	
Troubleshoot PaaS services	- Troubleshoot PaaS connectivity issues - Troubleshoot firewalls for PaaS services - Troubleshoot PaaS configuration issues - Determine the root cause for service-level throttling
Troubleshoot PaaS integration issues	- Troubleshoot issues integrating PaaS services with virtual networks

Topic	Details
	- Troubleshoot subnet delegation issues - Troubleshoot issues with private endpoints and service endpoints - Troubleshoot issues with Azure Private Link
Troubleshoot authentication and access control issues (15-20%)	
Troubleshoot Azure AD authentication	- Determine why on-premises systems cannot access Azure resources - Troubleshoot Azure AD configuration issues - Troubleshoot self-service password reset issues - Troubleshoot issues with multifactor authentication
Troubleshoot hybrid authentication	- Troubleshoot issues with Azure AD Connect and Azure AD Connect cloud sync - Troubleshoot issues with integration between Azure AD and Azure Active Directory Domain Services (Azure AD DS) - Troubleshoot issues with integration between Azure AD and Active Directory Federation Services (AD FS) - Troubleshoot issues with pass-through authentication and password hash synchronization - Troubleshoot issues with Azure AD Application Proxy
Troubleshoot authorization issues	- Troubleshoot role-based access control (RBAC) issues - Troubleshoot issues storing encrypted passwords in Azure Key Vault - Troubleshoot authorization issues related to Azure AD Conditional Access policies
Troubleshoot networks (25-30%)	
Troubleshoot Azure network security issues	- Determine why Azure Web Application Firewall is blocking traffic - Troubleshoot encryption and certificate issues for point-to-site and site-to-site scenarios - Troubleshoot connectivity to secure endpoints

Topic	Details
Troubleshoot Azure network security groups (NSGs)	- Troubleshoot NSG configuration issues - Review and interpret NSG flow logs - Determine whether one or more Azure network interfaces (NICs) are associated with an application security group (ASG)
Troubleshoot Azure Firewall issues	- Troubleshoot application, network, and infrastructure rules - Troubleshoot network address translation (NAT) and destination network address translation (DNAT) rules - Troubleshoot Azure Firewall Manager configuration issues
Troubleshoot latency issues	- Determine the root cause for Azure VM-level throttling - Determine the root cause for latency issues when connecting to Azure VMs - Determine the root cause for throttling between source and destination resources - Troubleshoot bandwidth availability issues - Determine whether resource response times meet service-level agreements (SLAs)
Troubleshoot routing and traffic control	- Review and interpret route tables - Troubleshoot issues caused by asymmetric routing - Troubleshoot issues with user-defined routes - Troubleshoot issues related to forced tunneling - Troubleshoot Border Gateway Protocol (BGP) issues - Troubleshoot service chaining - Troubleshoot routing configuration issues in Azure
Troubleshoot load-balancing issues	- Determine whether VMs in a load-balanced backend pool are healthy - Troubleshoot issues with Azure Load Balancer - Review and interpret load balancer rules - Troubleshoot traffic distribution issues - Evaluate the configuration of Azure Traffic Manager - Troubleshoot issues with Azure Traffic Manager profiles - Troubleshoot port exhaustion issues

Topic	Details
	- Troubleshoot issues with Azure Front Door - Troubleshoot issues with Azure Application Gateway
Troubleshoot VM connectivity issues (5-10%)	
Troubleshoot Azure Bastion	- Troubleshoot issues deploying Azure Bastion - Troubleshoot connectivity issues - Troubleshoot authorization issues
Troubleshoot just-in-time (JIT) VM access	- Validate connectivity with an Azure VM - Troubleshoot JIT VM configuration issues - Troubleshoot JIT VM authorization issues

Microsoft AZ-720 Sample Questions:

Question: 1

A company deploys an Azure Virtual Network gateway. The company connects to the gateway by using a site-to-site VPN connection. The company's on-premises VPN gateway is reporting an issue with the Phase 1 proposal from the Azure Virtual Network gateway. You need to troubleshoot the issue by reviewing the logs.
Which log should you analyze?

a) P2SDiagnosticLog
b) RouteDiagnosticLog
c) IKEDiagnosticLog
d) GatewayDiagnosticLog

Answer: c

Question: 2

The virtual machines (VMs) are experiencing a low network throughput of 20 Mbps. The VMs are expected to sustain 300 Mbps. You need to ensure that the VMs are compatible with Azure.
Which change should you make?

a) Install a kernel name that ends with -azure.
b) Configure the network interfaces to 1000 Mbps/full duplex.
c) Redeploy the VM with Accelerated Networking enabled.
d) Increase the TCP buffers and window size kernel parameters.

Answer: b

Question: 3

A company plans to implement ExpressRoute by using the provider connectivity model. The company creates an ExpressRoute circuit.

You are unable to connect to resources through the circuit. You need to determine the provisioning state of the service provider. Which PowerShell cmdlet should you run?

a) Get-AzExpressRouteCircuitRouteTable
b) Get-AzExpressRouteCircuit
c) Get-AzExpressRouteCircuitPeeringConfig
d) Get-AzExpressRouteCircuitARPTable
e) Get-AzExpressRouteCircuitConnectionConfig

Answer: e

Question: 4

A company has two virtual networks (VNets) that reside in the same Azure region. An administrator reports that virtual machines (VMs) in each VNet are unable to connect to VMs in the other VNet.

You need to configure a connection between the two networks that maximizes throughput and minimizes latency. What should you do?

a) Create a site-to-site VPN connection.
b) Create a point-to-site VPN connection.
c) Configure a VPN gateway.
d) Configure virtual network peering.

Answer: a

Question: 5

A company deploys Azure Bastion to connect to their virtual machine (VM) infrastructure. An engineer attempts to connect to a Windows VM by using Remote Desktop Protocol (RDP). The connection fails.You need to troubleshoot the issue. Which two actions should you perform?

a) Monitor traffic with the following PowerShell cmdlet Test-AzNetworkWatcherConnectivity
b) Configure Azure Bastion with static assignment
c) Apply a network security group on the same subnet as Azure Bastion.
d) Run the Network Watcher Connection troubleshoot service.
e) Monitor traffic with the following PowerShell cmdlet New-AzNetworkWatcherFlowLog.

Answer: b, e

Question: 6

A company has on-premises application server that runs in System Center Virtual Machine Manager (SCVMM). The company configures Azure Site Recovery. An administrator at the company reports that they receive an error message.

The error message indicates that there are replication issues. You need to troubleshoot the issue. Which log should you review?

a) Network Security Group flow log
b) Azure Monitor log
c) SCVMM debug log
d) Network Watcher diagnostic log

Answer: a

Question: 7

A company plans to use an Azure PaaS service by using Azure Private Link service. The azure Private Link service and an endpoint have been configured. The company reports that the endpoint is unable to connect to the service.

You need to resolve the connectivity issue. What should you do?

a) Disable the service network policies.
b) Approve the connection state.
c) Validate the VPN device.
d) Disable the endpoint network policies.

Answer: a

Question: 8

A company manages a solution that uses Azure Functions. A function returns the following error: Azure Function Runtime is unreachable. You need to troubleshoot the issue. What are two possible causes of the issue?

a) The storage account application settings were deleted.
b) The function key was deleted.
c) The execution quota is full.
d) The storage account for the function was deleted.
e) The company did not configure a timer trigger.

Answer: a, e

Question: 9

A company deploys ExpressRoute. The company reports that there is an autonomous system (AS) number mismatch. You need to identify the AS number of the circuit. Which PowerShell cmdlet should you run?

a) Get-AzExpressRouteCircuitRouteTable
b) Get-AzExpressRouteCircuitStats
c) Get-AzExpressRouteCircuit
d) Get-AzExpressRouteCircuitPeeringConfig

Answer: b

Question: 10

A company deploys an ExpressRoute circuit. You need to verify accepted peering routes from the ExpressRoute circuit. Which PowerShell cmdlet should you run?

a) Get-AzExpressRouteCircuit
b) Get-AzExpressRouteCircuitStats
c) Get-AzExpressRouteCircuitPeeringConfig
d) Get-AzExpressRouteCrossConnectionPeering
e) Get-AzExpressRouteCircuitRouteTable

Answer: d

Study Guide to Crack Microsoft Troubleshooting Microsoft Azure Connectivity AZ-720 Exam:

- Getting details of the AZ-720 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-720 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-720 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-720 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-720 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for AZ-720 Certification

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