# Microsoft

## Exam Questions AZ-720

Troubleshooting Microsoft Azure Connectivity

**NEW QUESTION 1**
A company uses Azure Backup Agent to back up specific files and folders from an on-premises virtual machine (VM).
An administrator reports that the backup job is transferring files slowly. You determine that the backup job is verifying changes in directories by scanning the entire volume.
You need to determine the state of the backup job. In which state will the backups occur?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 2**
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-AzExpressRouteCircuitPeeringConfig
B. Get-AzExpressRouteCircuitRouteTable
C. Get-AzExpressRouteCircuitConnectionConfig
D. Get-AzExpressRouteCircuit
E. Get-AzExpressRouteCircuitARPTable

**Answer:** C

**NEW QUESTION 3**
A company uses Azure Site Recovery for their on-premises Hyper-V servers. The company manages servers by using System Center Virtual Machine Manager (SCVMM).
An administrator reports that replication to the secondary site has failed. You need to inspect the SCVMM logs and configuration files.
Which PowerShell cmdlets should you use?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 4**
A company has an Azure environment that uses one virtual network.
The company restructures the environment to use two different virtual networks. Virtual machines in one network cannot communicate with virtual machines in the other virtual network.
You need to re-establish a connection between virtual machines in the two networks. How should you configure the networks?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 5**

A company uses Azure virtual machines (VMs) in multiple regions. The VMs have the following configuration:

The backend pool of an internal Azure Load Balancer (ILB) named ILB1 contains VM1 and VM2. The ILB uses the Basic SKU and is in a resource group RG2.
Virtual network peering has been configured between VNet1 and VNet2.
Users report that they are unable to connect to resources on VM1 and VM2 by using ILB1 from VM3. You need to resolve the connectivity issues.
What should you do?

A. Redeploy VM1 and VM2 into availability zones.
B. Move ILB1 to RG1.
C. Redeploy the ILB using the Standard SKU.
D. Move VM1 and VM2 into RG3.

**Answer:** A

**NEW QUESTION 6**

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-AzExpressRouteCircuitPeeringConfig
B. Get-AzExpressRouteCircuitStats
C. Get-AzExpressRouteCircuitRouteTable
D. Get-AzExpressRouteCircuit

**Answer:** B

**NEW QUESTION 7**

A company uses Azure AD Connect. The company plans to implement self-service password reset (SSPR). An administrator receives an error that password writeback could not be enabled during the Azure AD Connect configuration. The administrator observes the following event log error:
Error getting auth token
You need to resolve the issue. What should you do?

A. Restart the Azure AD Connect service.
B. Configure Azure AD Connect using a global administrator account that is not federated.
C. Configure Azure AD Connect using a global administrator account with a password that is less than 256 characters.
D. Disable password writeback and then enable password writeback using the Azure AD Connect configuration.

**Answer:** C

**NEW QUESTION 8**

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 endpoint network policies.
B. Validate the VPN device.
C. Approve the connection state.

D. Disable the service network policies.

**Answer:** D


**NEW QUESTION 9**
A company has virtual machines (VMs) in the following Azure regions:

West Central US
Australia East

The company uses ExpressRoute private peering to provide connectivity to VMs hosted on each region and on-premises services.
The company implements global VNet peering between a VNet in each region. After configuring VNet peering, VM traffic attempts to use ExpressRoute private peering.
You need to ensure that traffic uses global VNet peering instead of ExpressRoute private peering. The solution must preserve existing on-premises connectivity to Azure VNets.
What should you do?

A. Add a user-defined route to the subnets route table.
B. Add a filter to the on-premises routers.
C. Add a second VNet to the virtual machines and configure VNet peering between the VNets.
D. Disable the ExpressRoute peering connections for one of the regions.

**Answer:** B


**NEW QUESTION 10**
A company uses an Azure VPN gateway to connect to their on-premises environment.
The company's on-premises VPN gateway is used by several services. One service is experiencing connectivity issues.
You need to minimize downtime for all services and resolve the connectivity issue. Which three actions should you perform?

A. Configure the hashing algorithm to be different on both gateways.
B. Rest the VPN gateway.
C. Configure the pre-shared key to be the same on the Azure VPN gateway and the on-premises VPN gateways.
D. Rest the VPN connection.
E. Configure the hashing algorithm to be the same on both gateways.
F. Configure the pre-shared key to be different on the Azure VPN gateway and the on-premises VPN gateways.

**Answer:** CEF


**NEW QUESTION 10**
A company has an Azure Active Directory (Azure AD) tenant. You are assigned the Owner role-based access control (RBAC) role of an Azure resource group named RG1.
An administrator grants a user named User1 the Contributor RBAC role for RG1. User1 receives an authorization error when attempting to create a Cosmos DB account in RG1.
The administrator verifies that they can create a Cosmos DB account in RG1. You need to troubleshoot the issue.
What should you do?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 12**
A company migrates existing Ubuntu Linux servers from their on-premises vSphere infrastructure to Azure. 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

**NEW QUESTION 13**
A company implements Windows and Linux VMs in an Azure Virtual Network. The company plans to apply routing changes to the virtual network.
You need to determine the impact of these changes on network latency affecting applications that use TCP and UDP traffic. The solution must provide the highest level of accuracy.
Which tools should you use?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 15**
A company uses public Azure DNS zones.
The company reports DNS record creation and name resolution issues. You need to troubleshoot the issues.
What are the causes of the issues?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 20**

A company uses Azure AD Connect. The company plans to implement self-service password reset (SSPR). An administrator receives an error that password writeback cloud not be enabled during the Azure AD Connect configuration. The administrator observes the following event log error:
Error getting auth token
You need to resolve the issue.
Solution: Use a global administrator account that is not federated to configure Azure AD Connect. Does the solution meet the goal?

A. Yes
B. No

**Answer:** A


**NEW QUESTION 22**
A company attempts to implement just-in-time (JIT) access for a virtual machine (VM) named VM1. The company reports that they are unable to complete the process.
You need to implement JIT access and test the deployment. Which PowerShell cmdlets should you run?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**


**NEW QUESTION 25**
A company migrates an on-premises Windows virtual machine (VM) to Azure. An administrator enables backups for the VM by using the Azure portal.
The company reports that the Azure VM backup job is failing. You need to troubleshoot the issue.
Solution: Create a new manual backup in Backup center. Does the solution meet the goal?

A. Yes
B. No

**Answer:** A


**NEW QUESTION 27**
A company has an ExpressRoute gateway between their on-premises site and Azure. The ExpressRoute gateway is on a virtual network named VNet1. The company enables FastPath on the gateway. You associate a network security group (NSG) with all of the subnets.
Users report issues connecting to VM1 from the on-premises environment. VM1 is on a virtual network named VNet2. Virtual network peering is enabled between VNet1 and VNet2.
You create a flow log named FlowLog1 and enable it on the NSG associated with the gateway subnet. You discover that FlowLog1 is not reporting outbound flow traffic.
You need to resolve the issue with FlowLog1. What should you do?

A. Create the storage account for FlowLog1 as a premium block blob.
B. Create the storage account for FlowLog1 as a premium page blob.
C. Enable FlowLog1 in a network security group associated with the subnet of VM1.
D. Configure the FlowTimeoutInMinutes property on VNet1 to a non-null value.

**Answer:** B


**NEW QUESTION 31**

A company uses an Azure blob container.
The IT department has a service-level agreement (SLA) that requests on average cannot exceed 20 milliseconds.
You need to implement a log analytics query to generate the SLA report.
How should you complete the query?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 36**
A company uses an Azure Virtual Network (VNet) gateway named VNetGW1. VNetGW1 connects to a partner site by using a site-to-site VPN connection with dynamic routing.
The company observes that the VPN disconnects from time to time. You need to troubleshoot the cause for the disconnections.
What should you verify?

A. The partner's VPN device and VNetGW1 are configured using the same shared key.
B. VNetGW1 has exceeded the subnet Security Association pairs.
C. The partner's VPN device and VNetGW1 are configured with the same virtual network address space.
D. The public IP address of the partner's VPN device is configured in the local network gateway address space on VNetGW1.

**Answer:** A

**NEW QUESTION 40**
A company creates an Azure resource group named RG1. RG1 has an Azure SQL Database logical server named sqlsvr1 that hosts the following resources:

An administrator grants a user named User1 the Reader RBAC role in RG1. The administrator grants User2 the Contributor role in sqlsvr1.
User1 reports that they can connect to SQLDB1 from the IP address 155.127.95.212. User1 cannot connect to SQLDB2. User2 can connect to both SQLDB1 and SQLDB2 from the IP address 121.19.27.18. Both users can successfully connect to SQLDB1 and SQLDB2 from VM1.
You are helping the administrator troubleshoot the issue. You run the following PowerShell command: Get-AzSqlServerFirewallRule -ResourceGroupName 'RG1' -ServerName 'sqlsvr1'
The following output displays:

You need to identify the cause for the reported issue and resolve User1's issues. The solution must satisfy the principle of least privilege.
What should you do?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 41**
A company deploys an Azure Firewall. The company reports the following log entry:

For each of the following questions, select Yes or No.

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 42**

A company has an ExpressRoute gateway between their on-premises site and Azure. The ExpressRoute gateway is on a virtual network named VNet1. The company enables FastPath on the gateway. You associate a network security group (NSG) with all of the subnets.
Users report issues connecting to VM1 from the on-premises environment. VM1 is on a virtual network named VNet2. Virtual network peering is enabled between VNet1 and VNet2.
You create a flow log named FlowLog1 and enable it on the NSG associated with the gateway subnet. You discover that FlowLog1 is not reporting outbound flow traffic.
You need to resolve the issue with FlowLog1. What should you do?

A. Enable FlowLog1 in a network security group associated with the subnet of VM1.
B. Configure the FlowTimeoutInMinutes property on VNet2 to a non-null value.
C. Configure the FlowTimeoutInMinutes property on VNet1 to a non-null value.
D. Configure FlowLog1 for version 2.

**Answer:** B


**NEW QUESTION 44**
A company is deploying Azure Bastion to provide secure clientless access to its Azure VMs. The company configures a network security group named NSG1.
During deployment, the following error displays: Network security group NSG1 does not have necessary rules for Azure Bastion Subnet AzureBastionSubnet.
You need to fix the inbound rules for NSG1. How should you complete the configuration?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**


**NEW QUESTION 46**
A company connects their on-premises network by using Azure VPN Gateway. The on-premises environment includes three VPN devices that separately tunnel to the gateway by using Border Gateway Protocol (BGP).
A new subnet should be unreachable from the on-premises network. You need to implement a solution.
Solution: Configure a route table with route propagation disabled. Does the solution meet the goal?

A. Yes
B. No

**Answer:** B


**NEW QUESTION 49**
A company uses an Azure VPN gateway with an IP address of 203.0.113.20. Users report that the VPN connection frequently drops.
You need to determine when each connection failure occurred. How should you complete the Azure Monitor query?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 51**
A company has an Azure Active Directory (Azure AD) tenant. The company deploys Azure AD Connect to synchronize objects from their Active Directory Domain Services (AD DS) domain.
You observe that AD DS objects are not synchronizing to Azure AD. You need to verify that the staging mode is enabled.
What should you do?

A. Review the history for the Azure AD Connect sync scheduled task.
B. Run this PowerShell cmdlet: Get-ADSyncScheduler
C. Review the triggers for the Azure AD Connect sync scheduled task.
D. Run this PowerShell cmdlet: Get-ADSyncConnetorRunStatus

**Answer:** B

**NEW QUESTION 52**
A company uses an Azure Virtual Network (VNet) gateway named VNetGW1. VNetGW1 connects to a partner site by using a site-to-site VPN connection with dynamic routing.
The company observes that the VPN disconnects from time to time. You need to troubleshoot the cause for the disconnections.
What should you verify?

A. The partner's VPN device and VNetGW1 are configured using the same shared key.
B. The partner's VPN device is configured for one VPN tunnel per subnet pair.
C. The public IP address of the partner's VPN device is configured in the local network gateway address space on VNetGW1.
D. The partner's VPN device and VNetGW1 are configured with the same virtual network address space.

**Answer:** A

**NEW QUESTION 54**
A company has an Azure virtual network (VNet). An administrator creates a subet in the VNet named AzureSastionSubnet. The administrator deploys Azure Bastion to AzureBastionSubnet.
The administrator creates a default network security group named nsg-Bastion. The following error message display when the administrator attempts to assign nsg-Bastion to AzureBastionSubnet:
Network security group nsg-Bastion does not have necessary rules for Azure Bastion Subnet AzureBastionSubnet
You need to resolve the issues with the inbound security rules. Which port or set of ports should you configure?

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 58**
A company deploys a new file sharing application on four Standard_D2_v3 virtual machines (VMs) behind an Azure Load Balancer. The company implements Azure Firewall.
Users report that the application is slow during peak usage periods. An engineer reports that the peak usage for each VM is approximately 1 Gbps.
You need to implement a solution that support a minimum of 10 Gbps. What should you do to increase the throughput?

A. Request an increase in networking quotas.
B. Increase the size of the VM instance.
C. Disable the Azure Firewall and implement network security groups in its place.
D. Move two of the servers behind a separate load balancer and configure round robin routing in Traffic Manager.

**Answer:** D

**NEW QUESTION 59**
A company has an Azure tenant. The company deploys an Azure Firewall named FW1 using the Standard SKU. You configure FW1 using classic firewall rules.
The company creates an application rule collection with the following settings: Priority: 100
Action: Deny Rule type: FQDN
Source type: IP address Source: *
Protocol: http:80,https:443
Target FQDN: *.cloud.contoso.com
An engineer observes that traffic to console.cloud.conotoso.com is still allowed by FW1. You need to determine why the traffic is allowed.
What should you review?

A. Network rules
B. Web categories
C. Infrastructure rules
D. Application rules

**Answer:** C

**NEW QUESTION 62**
A company uses Azure Site Recovery (ASR) to replicate and recover Azure virtual machines (VM) between Azure regions.
An administrator receives the following warning from ASR about a VM that uses P10 disks: Data change rate beyond supported limits
You add OS Disk Write Bytes/Sec and Data Disk Write Bytes/Sec to the list of metrics for monitoring. You discover that the VM consistently has a data churn of greater than 8 MB/s but less than 10 MB/s.
You need to resolve the issue. What should you do?

A. Uninstall the Volume Shadow Copy Service (VSS) Provider service.
B. Use AzCopy to upload data to a cache storage account.
C. Create a network service endpoint in a virtual network.
D. Upgrade the target storage disk.

**Answer:** D

**NEW QUESTION 67**
A company uses an Azure Virtual Network (VNet) gateway named VNetGW1. VNetGW1 connects to a partner site by using a site-to-site VPN connection with dynamic routing.
The company observes that the VPN disconnects from time to time.
You need to troubleshoot the cause for the disconnections. What should you verify?

A. The partner's VPN device and VNetGW1 are configured using the same shared key.
B. The IP address of the local network gateway matches the partner's VPN device.
C. The partner's VPN device is enabled for Perfect forward secrecy.
D. The partner's VPN device and VNetGW1 are configured with the same virtual network address space.

**Answer:** D


**NEW QUESTION 68**
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