

Exam Questions AZ-720

Troubleshooting Microsoft Azure Connectivity

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NEW QUESTION 1

A company enables just-in-time (JIT) virtual machine (VM) access in Azure. An administrator observes a list of VMs on the Unsupported tab of the JIT VM access page in the Microsoft Defender for Cloud portal. You need to determine why some VMs are not supported for JIT VM access. What should you conclude?

- A. The administrator does not have the SecurityReader role.
- B. The administrator is using the Microsoft Defender for Cloud free tier.
- C. The client firewall does not allow port 22 on the VMs.
- D. A network security group is not associated with the VMs.

Answer: C

NEW QUESTION 2

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?

Troubleshooting step

View information about the Hyper-V hardware.

View specific properties of all virtual machines

View failed SCVMM activities.

PowerShell cmdlet

Get-SCVMHost
 Get-VMReplication
 Get-SCVirtualMachine
 Get-SCVirtualizationManager

Get-SCVMHost
 Get-VMReplication
 Get-SCVirtualMachine
 Get-SCVirtualizationManager

Get-SCJob
 Get-SCVMHost
 Get-SCComputer
 Get-SCVirtualizationManager

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Troubleshooting step

View information about the Hyper-V hardware.

View specific properties of all virtual machines

View failed SCVMM activities.

PowerShell cmdlet

Get-SCVMHost
 Get-VMReplication
 Get-SCVirtualMachine
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Get-SCVMHost
 Get-VMReplication
 Get-SCVirtualMachine
 Get-SCVirtualizationManager

Get-SCJob
 Get-SCVMHost
 Get-SCComputer
 Get-SCVirtualizationManager

NEW QUESTION 3

A company deploys the Azure Application Gateway Web Application Firewall (WAF) to protect their web applications. Users in a remote office location report the following issues:

- > Unable to access part of a web application.
- > Part of the web application is failing to load.
- > Parts of the web application has activities that are not performing as expected.

You need to troubleshoot the issue. Which diagnostic log should you review?

- A. Performance
- B. Firewall
- C. Access
- D. Azure Activity

Answer: D

NEW QUESTION 4

A company has an Azure Virtual Network gateway named VNetGW1. The company enables point-to-site connectivity on VNetGW1. An administrator configures VNetGW1 for the following:

- > OpenVPN for the tunnel type.
- > Azure certificate for the authentication type.

Users receive a certificate mismatch error when connecting by using a VPN client. You need to resolve the certificate mismatch error. What should you do?

- A. Reissue the client certificate with client authentication enabled.
- B. Create a profile manually, add the server FQDN and reissue the client certificate.
- C. Reissue the client certificate with server authentication enabled.
- D. Install an IKEv2 VPN client on the user's computers.

Answer: B

NEW QUESTION 5

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

Server name	Resource group	Availability set	Virtual network	Region
VM1	RG1	AVSet1	VNet1	East US
VM2	RG1	AVSet1	VNet1	East US
VM3	RG3	N/A	VNet2	East US 2

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 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 7

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 8

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: Install the VM guest agent by using administrative permissions. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 9

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 10

A customer has an Azure Virtual Network named VNet1 that contains an internal standard SKU load balancer named LB1. The backend pool for LB1 includes the following virtual machines: VM1, VM2.

The customer configures a rule named Rule1 to load balance incoming HTTPS requests for VM1 and VM2. Rule1 is associated with an HTTPS health probe. The path for the probe is set to /.

The network adapters of VM1 and VM2 are associated with a network security named NSG1 that contains the following rules:

Priority	Port	Protocol	Source	Destination	Action
300	443	TCP	Any	VirtualNetwork	Allow
500	Any	Any	Any	Any	Deny
65000	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Any	Any	AzureLoadBalancer	Any	Allow
65500	Any	Any	Any	Any	Deny

You connect to https://VM1 and https://VM2 from VNet1. Attempts to connect using the front-end IP address of LB1 are failing. You need to resolve the issue. What should you do?

- A. Change the health probe associated with Rule1 to use HTTP.
- B. Add an NSG1 rule with the source set to VirtualNetwork.
- C. Change the health probe associated with Rule1 to use TCP.
- D. Add an NSG1 rule with the source set to AzureLoadBalancer.

Answer: A

NEW QUESTION 10

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: Configure the retention range for the current VM backup policy. Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 14

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 16

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: Restart the Azure AD Connect service. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 20

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?

```

| where MetricName == "
and ResourceProvider == "

```

AzureActivity
 AzureMetrics
 UserAccessAnalytics

SuccessServerLatency
 Egress
 Availability

" and Average > 20

MICROSOFT.SQL
 MICROSOFT.EVENTHUB
 MICROSOFT.STORAGE

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```

| where MetricName == "
and ResourceProvider == "

```

AzureActivity
 AzureMetrics
 UserAccessAnalytics

SuccessServerLatency
 Egress
 Availability

" and Average > 20

MICROSOFT.SQL
 MICROSOFT.EVENTHUB
 MICROSOFT.STORAGE

NEW QUESTION 21

A company uses Azure Active Directory (Azure AD) for authentication. The company synchronizes Azure AD with an on-premises Active Directory domain. The company reports that an Azure AD object fails to sync. You need to determine which objects are not syncing. Which troubleshooting steps should you use to diagnose the failure?

Tool to use to determine issue.

Synchronization Service Manager
 Azure AD Connect
 Synchronization Rules Editor
 Synchronization Service Key Management

Review items where the status is

completed-*
 completed-*
 success

to identify errors.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Tool to use to determine issue.

Synchronization Service Manager
 Azure AD Connect
 Synchronization Rules Editor
 Synchronization Service Key Management

Review items where the status is

completed-*
 completed-*
 success

to identify errors.

NEW QUESTION 22

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 26

A customer creates an Azure resource group named RG1 in the East US region. RG1 contains the following resources:

Resource	Name	Comments
Azure SQL Database logical server	sqlsrv1	The server uses the public IP address 40.79.153.12 and hosts a database named DB1.
Azure Virtual Network	VNET1	The network has the following subnets: subnet1 and subnet2.
Azure virtual machine (VM)	VM1	The VM connects to subnet1 and uses the private IP address 192.168.1.100.

The customer performs the following tasks:

- > Create a private endpoint for sqlsrv1 in subnet2 with the private IP address of 192.168.2.100.
- > Create a private DNS zone named privatelink.database.windows.net by using a single A record named sqlsrv1 and the IP address 192.168.2.100.
- > Disable public access by using the public endpoint for sqlsrv1.

The customer reports that connections from VM1 to DB1 are failing. The solution must allow connections from VM1 to DB1 without making platform-level changes. You need to troubleshoot and resolve the issue.

Answer Area

Requirement	Action
Review effective routes for VM1's network interface card to determine if routing from VM1 to DB1 is properly configured.	Search for a next hop entry with the IP address of 192.168.2.100. Search for a next hop entry with the IP address of 40.79.153.12. Search for an entry with an IP address prefix that matches the Azure SQL Database service tag.
Ensure that connections from VM1 to DB1 can succeed.	Link the private DNS zone with VNET1. Update the routing table for VM1. Modify the default gateway setting for VM1.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Requirement	Action
Review effective routes for VM1's network interface card to determine if routing from VM1 to DB1 is properly configured.	Search for a next hop entry with the IP address of 192.168.2.100. Search for a next hop entry with the IP address of 40.79.153.12. Search for an entry with an IP address prefix that matches the Azure SQL Database service tag.
Ensure that connections from VM1 to DB1 can succeed.	Link the private DNS zone with VNET1. Update the routing table for VM1. Modify the default gateway setting for VM1.

NEW QUESTION 30

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 31

A company enables just-in-time (JIT) virtual machine (VM) access in Azure.

An administrator observes a list of VMs on the Unsupported tab of the JIT VM access page in the Microsoft Defender for Cloud portal. You need to determine why some VMs are not supported for JIT VM access. What should you conclude?

- A. The administrator is using the Microsoft Defender for Cloud free tier.
- B. The VMs were provisioned by using a classic deployment.
- C. The administrator does not have the SecurityReader role.
- D. The administrator does not have permissions to request JIT access to the VMs.

Answer: B

NEW QUESTION 34

A customer has an Azure subscription. Microsoft Defender for servers is enabled for the subscription. The customer has not configured network security groups. The customer configures a resource group named RG1 that contains the following resources:

- A virtual machine named VM1.
- A network interface named NIC1 that is attached to VM1.

The customer grants a user named Admin1 the following permission for RG1: Microsoft.Security/locations/jitNetworkAccessPolicies/write.

Admin1 reports that the JIT VM access pane in the Azure portal does not show any entries. When you view the same pane, VM1 appears on the Unsupported tab. You need to ensure that Admin1 can enable just-in-time (JIT) VM access for VM1. The solution must adhere to the principle of least privilege.

Which three actions should you recommend be performed in sequence?

To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer area
Assign Admin1 the Contributor role for RG1.	
Instruct Admin1 to associate an application security group with NIC1.	
Instruct Admin1 to associate a network security group with NIC1.	
Grant Admin1 the following permission for RG1: Microsoft.Security/locations/jitNetworkAccessPolicies/initiate/action.	
Instruct Admin1 to create an application security group.	
Instruct Admin1 to create a network security group.	
Assign Admin1 the Owner role for RG1.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer area
Assign Admin1 the Contributor role for RG1.	
Instruct Admin1 to associate an application security group with NIC1.	Instruct Admin1 to create an application security group.
Instruct Admin1 to associate a network security group with NIC1.	Instruct Admin1 to associate an application security group with NIC1.
Grant Admin1 the following permission for RG1: Microsoft.Security/locations/jitNetworkAccessPolicies/initiate/action.	
Instruct Admin1 to create an application security group.	
Instruct Admin1 to create a network security group.	Instruct Admin1 to create a network security group.
Assign Admin1 the Owner role for RG1.	

NEW QUESTION 36

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?

Answer Area

```

| where Category == "
| where remoteIP_s == "203.0.113.20"
| where status_s == "Disconnected"
| project TimeGenerated, OperationName, instance_s, Resource, ResourceGroup, _ResourceId
    
```

AzureMetrics
 AzureActivity
 AzureDiagnostics

IKEDiagnosticLog
 RouteDiagnosticLog
 TunnelDiagnosticLog
 GatewayDiagnosticLog

- A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

```

| where Category == "
| where remoteIP_s == "203.0.113.20"
| where status_s == "Disconnected"
| project TimeGenerated, OperationName, instance_s, Resource, ResourceGroup, _ResourceId
  
```

Output:

```

AzureMetrics
AzureActivity
AzureDiagnostics
IKEDiagnosticLog
RouteDiagnosticLog
TunnelDiagnosticLog
GatewayDiagnosticLog
  
```

NEW QUESTION 38

A company has an Azure Virtual Network gateway named VNetGW1. The company enables point-to-site connectivity on VNetGW1. An administrator configures VNetGW1 for the following:

- > OpenVPN for the tunnel type.
- > Azure certificate for the authentication type.

Users receive a certificate mismatch error when connecting by using a VPN client. You need to resolve the certificate mismatch error. What should you do?

- A. Configure the tunnel type for IKEv2 and OpenVPN on VNetGW1.
- B. Create a profile manually, add the server FQDN and reissue the client certificate.
- C. Install a Secure Socket Tunneling Protocol (SSTP) VPN client on the user's computers.
- D. Configure preshared key for authentication on the VPN profile.

Answer: B

NEW QUESTION 42

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 43

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 47

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 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 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 54

A company has an Azure Virtual Network gateway named VNetGW1. The company enables point-to-site connectivity on VNetGW1. An administrator configures VNetGW1 for the following:

- > OpenVPN for the tunnel type.
- > Azure certificate for the authentication type.

Users receive a certificate mismatch error when connecting by using a VPN client. You need to resolve the certificate mismatch error. What should you do?

- A. Reissue the client certificate with client authentication enabled.
- B. Configure preshared key for authentication on the VPN profile.
- C. Install an IKEv2 VPN client on the user's computers.
- D. Reissue the client certificate with server authentication enabled.

Answer: D

NEW QUESTION 59

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