

AZ-720 Dumps

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 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?

Question

Which state will the first backup job of the server use?

If a previous backup job fails, which state will the server use for the next scheduled backup job?

State

- Unoptimized
- Optimized
- Approved
- Rejected

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Question

Which state will the first backup job of the server use?

If a previous backup job fails, which state will the server use for the next scheduled backup job?

State

- Unoptimized
- Optimized
- Approved
- Rejected

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 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 7

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 execution quota is full.
- B. The company did not configure a timer trigger.
- C. The storage account application settings were deleted.
- D. The function key was deleted.
- E. The storage account for the function was deleted.

Answer: BC

NEW QUESTION 8

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

Answer: A

NEW QUESTION 9

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?

Operating system

Tool

Windows

ping
latte
tracert

Linux

SockPerf
nttcp

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Operating system

Tool

Windows

ping
latte
tracert

Linux

SockPerf
nttcp

NEW QUESTION 10

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?

DNS issue

Cause

The company cannot create a DNS zone.

The company has reached the maximum number of DNS zones.
A CNAME has a conflict with an existing record set.
The company has not configured domain name delegation.

The company cannot create a DNS record

A CNAME has a conflict with an existing record set.
The company has not configured domain name delegation.
A duplicate zone name exists.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DNS issue

Cause

The company cannot create a DNS zone.

The company has reached the maximum number of DNS zones.
A CNAME has a conflict with an existing record set.
The company has not configured domain name delegation.

The company cannot create a DNS record

A CNAME has a conflict with an existing record set.
The company has not configured domain name delegation.
A duplicate zone name exists.

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 13

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 has an Azure Active Directory (Azure AD) tenant. The company deploys Azure AD Connect to synchronize users from an Active Directory Domain Services (AD DS). The synchronization of a user object is failing.

You need to troubleshoot the failing synchronization by using a built-in Azure AD Connect troubleshooting task.

Which two pieces of information should you collect before you start troubleshooting?

- A. Object common name
- B. AD connector name
- C. Object globally unique identifier
- D. Azure AD connector name
- E. Object distinguished name

Answer: CD

NEW QUESTION 20

A company has an Azure tenant. The company deploys an Azure firewall named FW1 to control access from an on-premises datacenter to an Azure virtual machine named VM1.

The company troubleshoots ICMP connectivity from the on-premises datacenter to VM1. You are unable to ping VM1 from an on-premises server.

You need to determine if ICMP connectivity to VM1 is allow on FW1. What should you do?

- A. Use the ping command targeting the IP address of VM1 and review the Infrastructure rules log of FW1.
- B. Use the ping command targeting the IP address of VM1 and review the command's response.
- C. Use the ping command targeting the IP address of VM1 and review the Network rules log of FW1.

D. Use the ping command targeting the fully qualified domain name of VM1 and review the command's response.

Answer: B

NEW QUESTION 25

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 VMs were recently provisioned by using an Azure Resource Manager deployment.
- D. The administrator does not have the SecurityReader role.

Answer: B

NEW QUESTION 28

A company deploys Azure Traffic Manager load balancing for an Azure App Service solution. Load balancing performance is showing a degraded status after deployment, and new HTTPS probes are failing to reach the Traffic Manager endpoints. You need to troubleshoot the probe failure. How should you complete the PowerShell script?

Answer Area

```

add-type @"
using System.Net;
using System.Security.Cryptography.X509Certificates;
public class TrustAllCertsPolicy :
    public bool CheckValidationResult(
        ServicePoint srvPoint, X509Certificate certificate,
        WebRequest request, int certificateProblem) {
        return
    }
"@
[System.Net.ServicePointManager]::New-Object TrustAllCertsPolicy
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

add-type @"
using System.Net;
using System.Security.Cryptography.X509Certificates;
public class TrustAllCertsPolicy :
    public bool CheckValidationResult(
        ServicePoint srvPoint, X509Certificate certificate,
        WebRequest request, int certificateProblem) {
        return
    }
"@
[System.Net.ServicePointManager]::New-Object TrustAllCertsPolicy
    
```

NEW QUESTION 31

A company has an Azure Active Directory (Azure AD) tenant. The company provisions an Azure Active Directory Domain Services (Azure AD DS) instance. Users report that they are unable to sign into Azure AD DS after being provisioned from Azure AD. You verify the user accounts exist in Azure AD DS. You need to resolve the issue. What should you do?

- A. Delete the Azure application named AzureActiveDirectoryDomainControllerServices and then enable Azure AD DS again.
- B. Deploy Azure AD Connect.
- C. Delete the Azure application named Azure AD Domain Services Sync and then enable Azure AD DS again.
- D. Instruct the users to change their password in Azure AD.

Answer: D

NEW QUESTION 33

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 35

A company has an Azure point-to-site virtual private network (VPN) that uses certificate-based authentication. A user reports that the following error message when they try to connect to the VPN by using a VPN client on a Windows 11 machine:

A certificate could not be found

You need to resolve the issue.

Which three actions should you perform?

- A. Configure an Azure Active Directory (Azure AD) tenant.
- B. Install a root certificate on the user's device.
- C. Generate a root certificate.
- D. Install a client certificate on the VPN gateway.
- E. Enable Azure AD authentication on the gateway
- F. Generate a client certificate.
- G. Install a client certificate on the user's device.

Answer: ACE

NEW QUESTION 40

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. GatewayDiagnosticLog
- C. IKEDiagnosticLog
- D. RouteDiagnosticLog

Answer: C

NEW QUESTION 41

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

Resource	Description
VM1	Virtual machine
SQLDB1	Azure SQL database
SQLDB2	Azure SQL database

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:

```
ResourceGroupName : RG1
ServerName        : sqlsvr1
StartIpAddress    : 0.0.0.0
EndIpAddress      : 0.0.0.0
FirewallRuleName  : Rule01
```

```
ResourceGroupName : RG1
ServerName        : sqlsvr1
StartIpAddress    : 72.225.0.0
EndIpAddress      : 72.225.255.255
FirewallRuleName  : Rule02
```

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?

Requirement

Tool to use to determine the reason for the connection failure.

Action

- Transact-SQL stored procedure
- Azure CLI command
- Azure PowerShell cmdlet

Resolve the issue.

- Modify the RBAC assignment for User2.
- Modify the firewall rules of sqlsvr1.
- Modify the firewall rules of SQLDB2.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Requirement

Tool to use to determine the reason for the connection failure.

Action

```
Transact-SQL stored procedure
Azure CLI command
Azure PowerShell cmdlet
```

Resolve the issue:

```
Modify the RBAC assignment for User2.
Modify the firewall rules of sqlsvr1.
Modify the firewall rules of SQLDB2.
```

NEW QUESTION 46

A company named Contoso connects to Azure PaaS services using Azure Private Link. The company has a virtual network named contoso-vn in a resource group named contoso-rg.

An engineer modifies the Private Link service by using Azure CLI. They are unable to use a source IP address from a subnet named default.

You need to resolve the issue.

How should you complete the command?

```
az network vnet tap
az network vnet peering
az network vnet subnet update \
  --name default \
  --resource-group contoso-rg \
  --vnet-name contoso-vn \
  --
  true
  disable-private-link-service-network-policies
  disable-private-endpoint-network-policies
  service-endpoint-policy
  service-endpoints
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
az network vnet tap
az network vnet peering
az network vnet subnet update \
  --name default \
  --resource-group contoso-rg \
  --vnet-name contoso-vn \
  --
  true
  disable-private-link-service-network-policies
  disable-private-endpoint-network-policies
  service-endpoint-policy
  service-endpoints
```

NEW QUESTION 48

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.

What should you do?

- A. Create a new manual backup in Backup center.
- B. Run chkdsk on the VM.
- C. Configure the retention range of the current backup policy for the VM.
- D. Install the VM guest agent with administrative permissions.
- E. Enable replication and create a recovery plan for the backup vault.

Answer: D

NEW QUESTION 53

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 with a password that is less than 256 characters to configure Azure AD Connect.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 56

A company connects an on-premises network to an Azure virtual network by using ExpressRoute. The ExpressRoute connection is experiencing higher than normal latency.

You need to confirm the traffic flow.

How should you complete the PowerShell command?

```
Get-AzExpressRouteCircuitStats
Get-AzExpressRouteCircuitRouteTable
Get-AzExpressRouteCircuit -ResourceGroupName $RG -ExpressRouteCircuitName $CircuitName
    -PeeringType *
```

```
AzurePrivatePeering
AzurePublicPeering
MicrosoftPeering
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
Get-AzExpressRouteCircuitStats
Get-AzExpressRouteCircuitRouteTable
Get-AzExpressRouteCircuit -ResourceGroupName $RG -ExpressRouteCircuitName $CircuitName
    -PeeringType *
```

```
AzurePrivatePeering
AzurePublicPeering
MicrosoftPeering
```

NEW QUESTION 61

A company uses Azure Active Directory (Azure AD) with Azure role-based access control (RBAC) for access to resources. Some users report that they are unable to grant RBAC roles to other users. You need to troubleshoot the issue.

How should you complete the Azure Monitor query?

```
AzureActivity
AzureMetrics
UserAccessAnalytics
} where Authorization contains "
    Microsoft.Resources/subscriptions/resourceGroups/write
    Microsoft.Authorization/roleAssignments/write
    Microsoft.Resources/subscriptions/write
    and ActivityStatus == "Failed"
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

AzureActivity
AzureMetrics
UserAccessAnalytics

| where Authorization contains "
Microsoft.Resources/subscriptions/resourceGroups/write
Microsoft.Authorization/roleAssignments/write
Microsoft.Resources/subscriptions/write
" and ActivityStatus == "Failed"
    
```

NEW QUESTION 63

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

```

AzureMetrics
AzureActivity
AzureDiagnostics

| where Category == "
IKEDiagnosticLog
RouteDiagnosticLog
TunnelDiagnosticLog
GatewayDiagnosticLog
"

| where remoteIP_s == "203.0.113.20"

| where status_s == "Disconnected"

| project TimeGenerated, OperationName, instance_s, Resource, ResourceGroup, _ResourceId
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

AzureMetrics
AzureActivity
AzureDiagnostics

| where Category == "
IKEDiagnosticLog
RouteDiagnosticLog
TunnelDiagnosticLog
GatewayDiagnosticLog
"

| where remoteIP_s == "203.0.113.20"

| where status_s == "Disconnected"

| project TimeGenerated, OperationName, instance_s, Resource, ResourceGroup, _ResourceId
    
```

NEW QUESTION 67

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 71

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 74

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: BE

NEW QUESTION 78

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