

Microsoft

Exam Questions AZ-720

Troubleshooting Microsoft Azure Connectivity



NEW QUESTION 1

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 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.

```
PowerShell cmdlet
Get-SCVMHost
Get-VMReplication
Get-SCVirtualMachine
Get-SCVirtualizationManager
```

View specific properties of all virtual machines

```
PowerShell cmdlet
Get-SCVMHost
Get-VMReplication
Get-SCVirtualMachine
Get-SCVirtualizationManager
```

View failed SCVMM activities.

```
PowerShell cmdlet
Get-SCJob
Get-SCVMHost
Get-SCComputer
Get-SCVirtualizationManager
```

Solution:

Troubleshooting step

View information about the Hyper-V hardware.

```
PowerShell cmdlet
Get-SCVMHost
Get-VMReplication
Get-SCVirtualMachine
Get-SCVirtualizationManager
```

View specific properties of all virtual machines

```
PowerShell cmdlet
Get-SCVMHost
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Get-SCVirtualMachine
Get-SCVirtualizationManager
```

View failed SCVMM activities.

```
PowerShell cmdlet
Get-SCJob
Get-SCVMHost
Get-SCComputer
Get-SCVirtualizationManager
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 3

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 4

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 5

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.	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> A CNAME has a conflict with an existing record set. The company has not configured domain name delegation. A duplicate zone name exists.

Solution:

DNS issue	Cause
The company cannot create a DNS zone.	<ul style="list-style-type: none"> The company has reached the maximum number of DNS zones. <u>A CNAME has a conflict with an existing record set.</u> The company has not configured domain name delegation.
The company cannot create a DNS record	<ul style="list-style-type: none"> <u>A CNAME has a conflict with an existing record set.</u> The company has not configured domain name delegation. A duplicate zone name exists.

Does this meet the goal?

- A. Yes
- B. No

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

- A. Yes
- B. No

Answer: A

NEW QUESTION 7

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 8

A company named Contoso connects its on-premises resources to Azure by using ExpressRoute. An administrator reports that the circuit is in a failed state. You need to resolve the issue. How should you complete the PowerShell commands?

```

Answer Area
$var1 = Get-AzExpressRouteCircuit
        Get-AzExpressRouteCircuitPeeringConfig
        Get-AzExpressRouteCircuitConnectionConfig -Name "Contoso-Circuit" -ResourceGroupName "Contoso-Group"
Set-AzExpressRouteCircuit -ExpressRouteCircuit $var1
        Set-AzExpressRouteCircuitPeeringConfig
        Set-AzExpressRouteCircuitConnectionConfig
    
```

Solution:

```

Answer Area
$var1 = Get-AzExpressRouteCircuit
        Get-AzExpressRouteCircuitPeeringConfig
        Get-AzExpressRouteCircuitConnectionConfig -Name "Contoso-Circuit" -ResourceGroupName "Contoso-Group"
Set-AzExpressRouteCircuit -ExpressRouteCircuit $var1
        Set-AzExpressRouteCircuitPeeringConfig
        Set-AzExpressRouteCircuitConnectionConfig
    
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 9

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 10

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

Action

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

```
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.
```

Solution:

Requirement

Action

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

```
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.
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 11

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
```

Solution:

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

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 12

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

Solution:

Answer Area

```
AzureMetrics
AzureActivity
AzureDiagnostics
IKEDiagnosticLog
RouteDiagnosticLog
TunnelDiagnosticLog
GatewayDiagnosticLog
| where Category == "
| where remoteIP_s == "203.0.113.20"
| where status_s == "Disconnected"
| project TimeGenerated, OperationName, instance_s, Resource, ResourceGroup, _ResourceId
```

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 13

A company uses Azure Site Recovery (ASR) for a VMware environment that includes the following virtual machines (VMs):

VM name	VM role
VM1	Configuration server
VM2	Scale-out process server
VM3	Master target server
VM4	Domain controller

The company reports that they are unable to configure all of the servers for replication.

You need to evaluate the servers and server roles to determine which servers can be protected. Which server can you protect by using ASR?

- A. VM1
- B. VM2
- C. VM3
- D. VM4

Answer: C

NEW QUESTION 14

A company implements self-service password reset (SSPR). After a firewall upgrade at the company's datacenter, SSPR stops working. You need to resolve the issue. Which two URLs must be present on the firewalls to allow SSPR to connect?

- A. *.update.microsoft.com
- B. *.servicebus.windows.net
- C. *.passwordreset.onmicrosoft.com
- D. *.svc.ms
- E. *.adl.windows.com

Answer: AE

NEW QUESTION 15

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: Disable peering on the virtual network. Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 16

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 17

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