Vendor: Microsoft

Exam Code:AZ-720

Exam Name: Troubleshooting Microsoft Azure Connectivity

Version: Demo

QUESTION 1

HOTSPOT

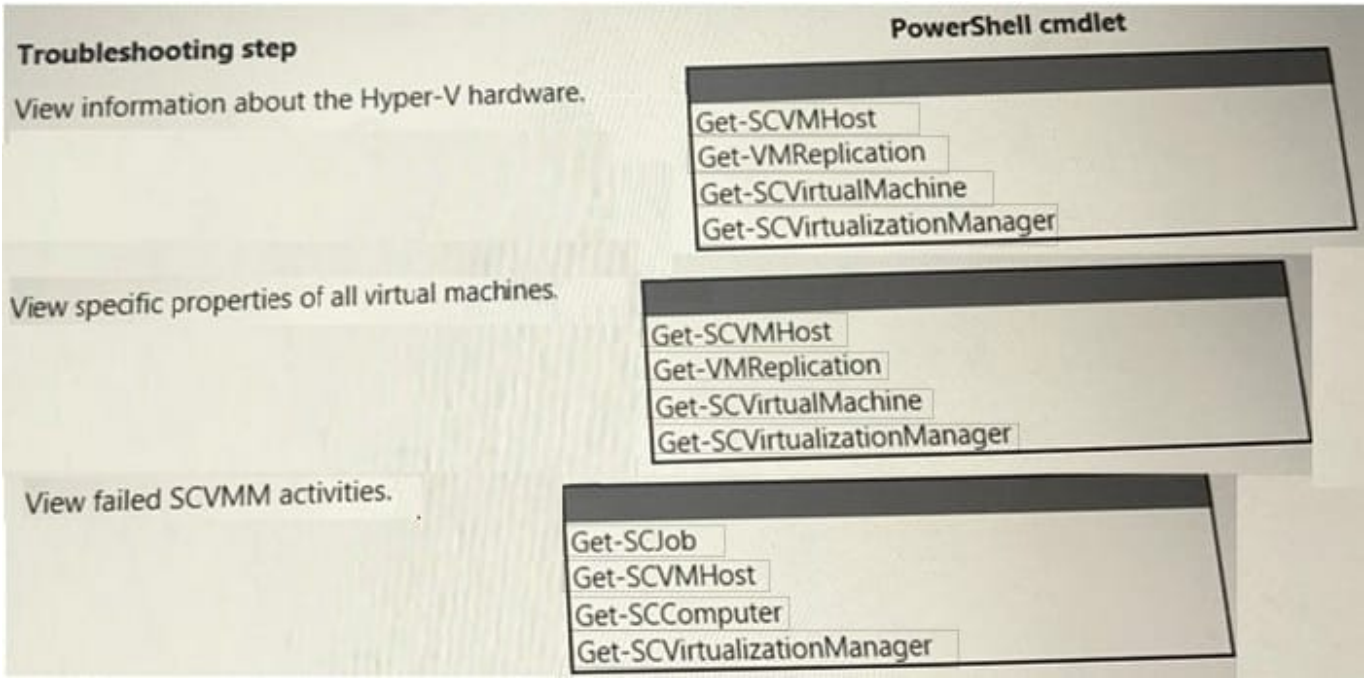
A company uses Azure Site Recovery for their on-premises Hyper-V servers. The company manages servers by using System Center Virtual Machine Manager (SCVMM).

An administrator reports that replication to the secondary site has failed.

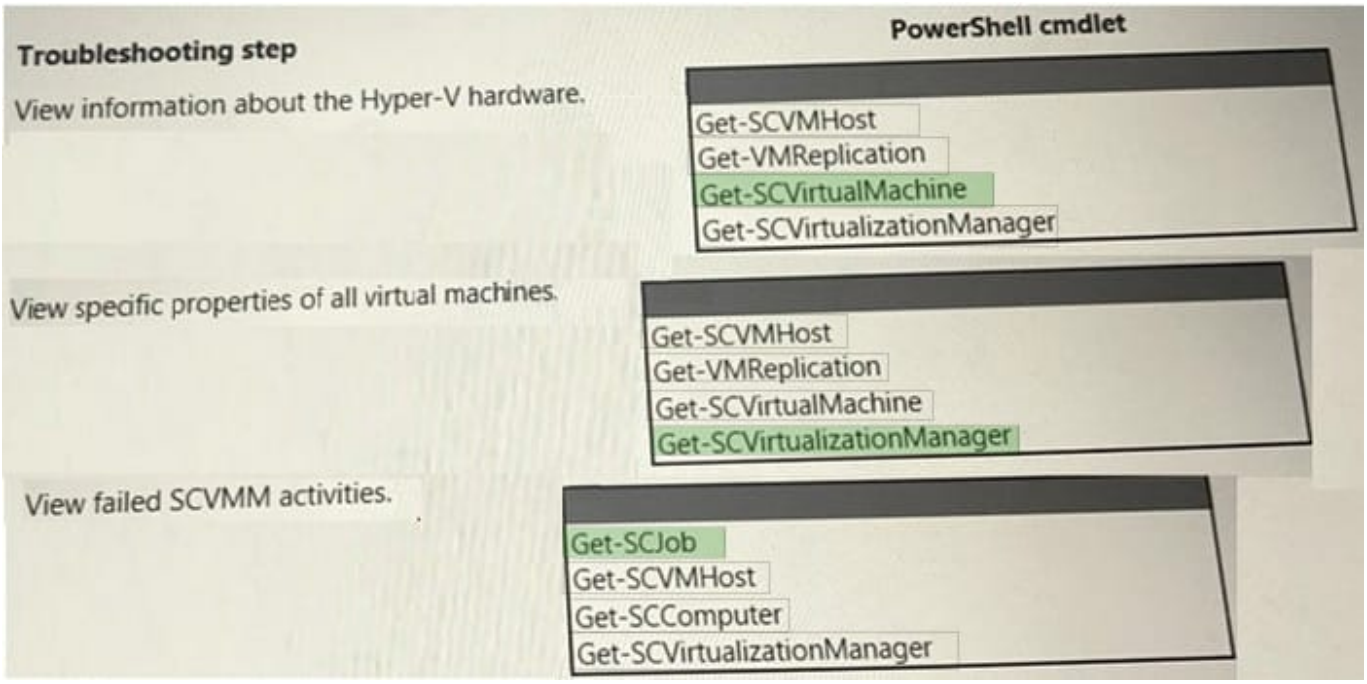
You need to inspect the SCVMM logs and configuration files.

Which PowerShell cmdlets should you use?

Hot Area:



Correct Answer:



QUESTION 2

A company hosts a highly available application using Azure Load Balancer.

A virtual machine (VM) on the backend pool stops responding to health probes. The health probes are configured to use HTTP.

You are troubleshooting the incoming traffic issue. You run a Netsh trace on port 80. No incoming packets are detected on the VM. Outgoing packets are detected.

What is the cause of the issue?

A. A network security group is preventing incoming traffic to the port.

B. A proxy is configured.

C. Session persistence is configured.

D. An application on the VM is blocking the port.

Correct Answer: A

QUESTION 3

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.

Correct Answer: C

when FastPath is enabled on an ExpressRoute gateway, network traffic between your on-premises network and your virtual network bypasses the gateway and goes directly to virtual machines in the virtual network. Therefore, if you want to capture outbound flow traffic from VM1, you need to enable flow logging on an NSG associated with the subnet of VM1.

QUESTION 4

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.

Correct Answer: D

According to Microsoft Azure\\'s troubleshooting documentation, one of the steps to troubleshoot backup failures on Azure virtual machines is to check the Azure VM Guest Agent service health. You should ensure that the Azure VM

Guest Agent service is started and up-to-date 1. On a Windows VM, you can navigate to services.msc and ensure that the Windows Azure VM Guest Agent service is up and running. Also, ensure that the latest version is installed 2

QUESTION 5

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. microsoftonline.com

D. *.svc.ms

E. *.adl.windows.com

Correct Answer: BC

https://techcommunity.microsoft.com/t5/azure/self-service-password-reset-urls-and-ip-address-ranges/m-p/443239

QUESTION 6

DRAG DROP

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:

1.

A virtual machine named VM1.

2.

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.

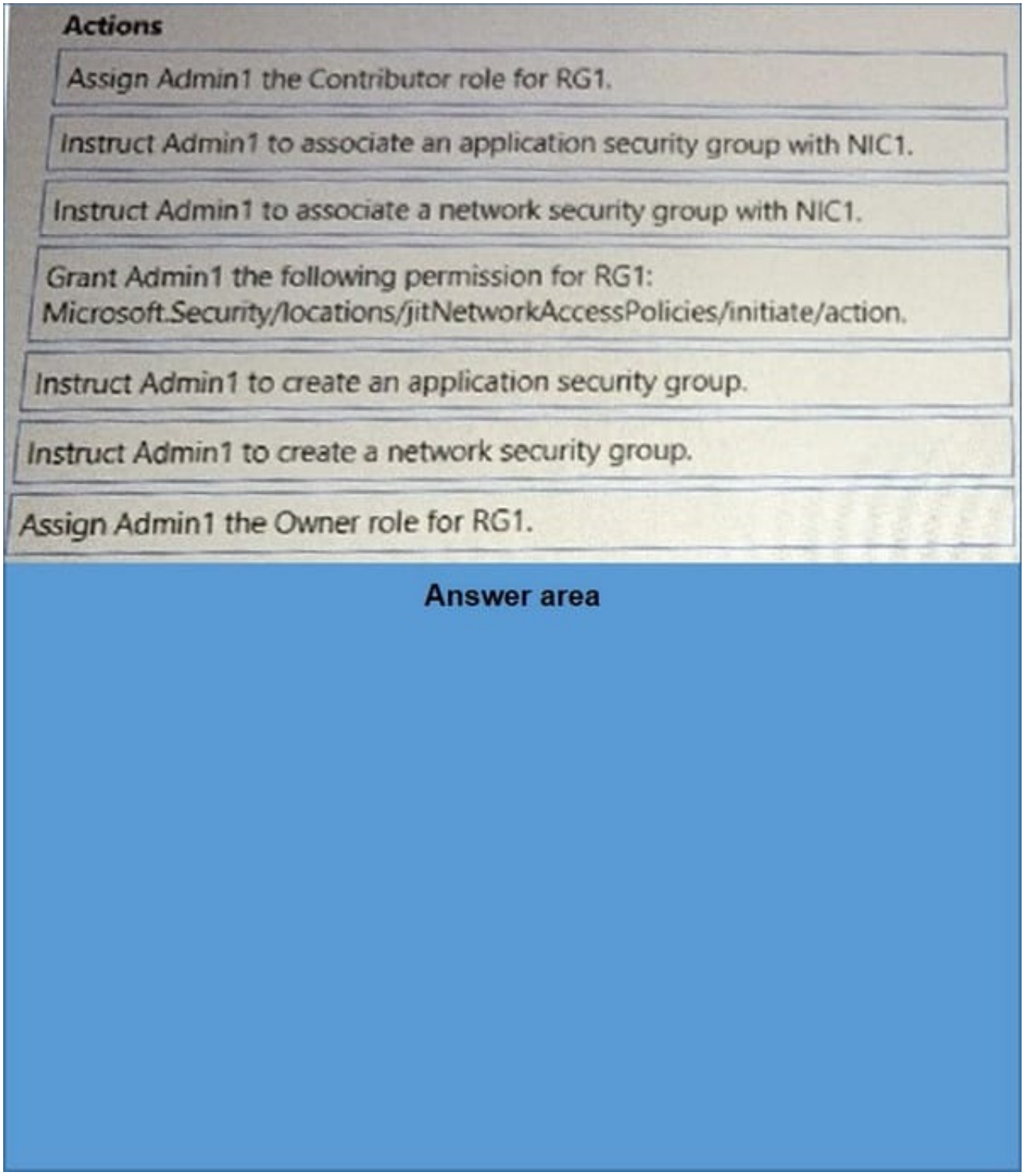
Admin1 reports that the JIT VM access pane in the Azure portal does not show any entries. When you view the same pane, VM1 appears on the Unsupported tab.

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.

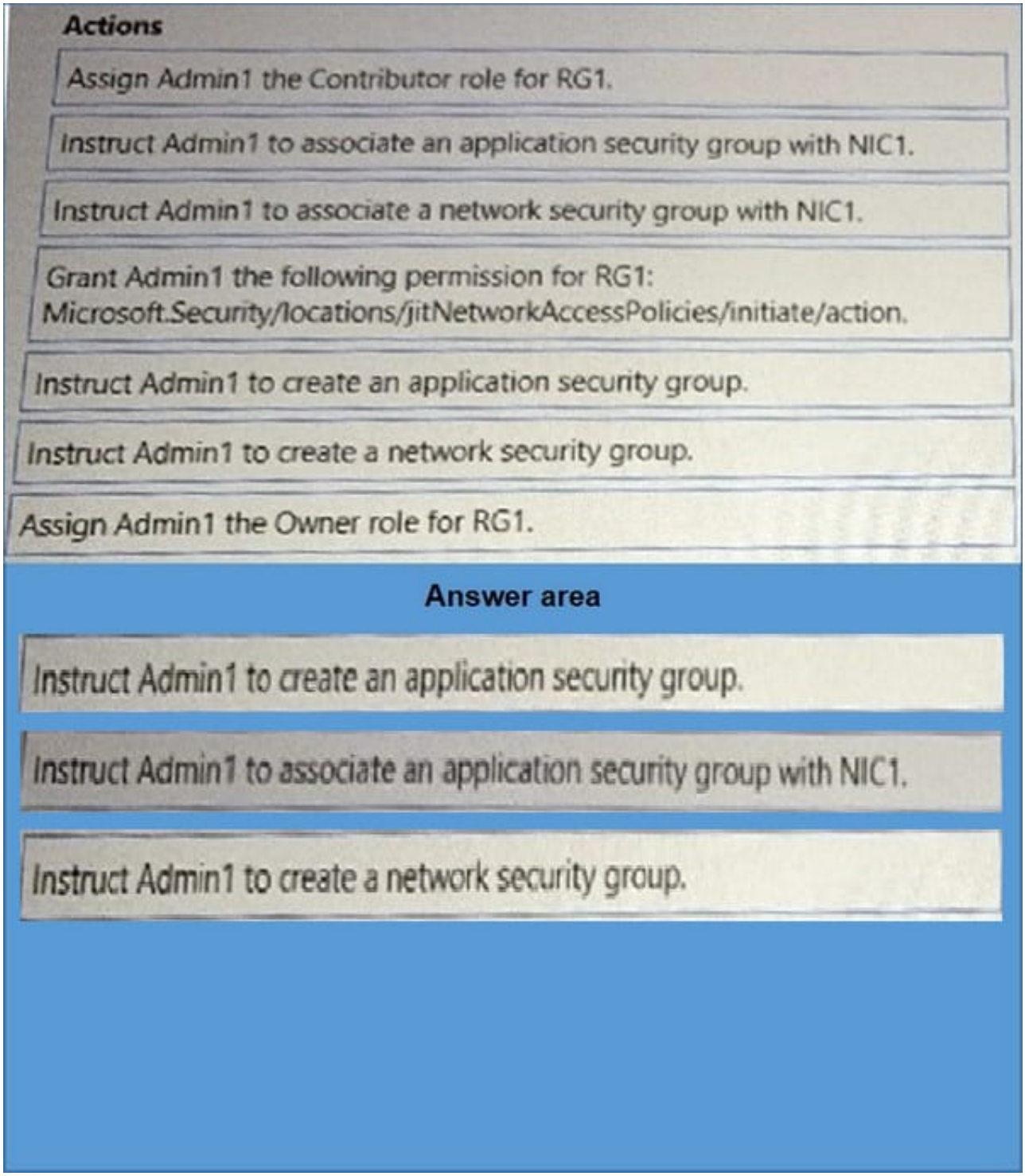
Which three actions should you recommend be performed in sequence?

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

Select and Place:



Correct Answer:



QUESTION 7

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.

Correct Answer: A

QUESTION 8

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:

1.

A certificate could not be found

2.

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.

Correct Answer: BFG

QUESTION 9

A company has virtual machines (VMs) in the following Azure regions:

1.

West Central US

2.

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.

Correct Answer: A

To ensure that traffic uses global VNet peering instead of ExpressRoute private peering, you should add a user-defined route to the subnets route table. According to 2, global VNet peering allows virtual networks across regions to communicate using private IP addresses as if they were in the same region. However, if there is an existing ExpressRoute private peering between two regions that also have global VNet peering enabled, traffic will prefer ExpressRoute over global VNet peering by default. To override this behavior and force traffic to use global VNet peering instead of ExpressRoute private peering for a specific subnet or virtual network gateway connection, you need to add a user-defined route with a next hop type of Virtual Network Peering.

QUESTION 10

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

Correct Answer: B

The proposed solution to use a global administrator account that is not federated to configure Azure AD Connect does

not directly address the error message "Error getting auth token" described in the scenario , so it is unlikely to solve the issue.

To resolve this issue, you should verify that the Azure AD Connect server can authenticate to the Azure AD tenant using valid credentials. If authentication is successful, then you can investigate other possible causes such as network connectivity problems, misconfigured firewall rules, expired certificates, etc.

Therefore, the correct answer remains option B, "No".

Reference:

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/tshoot-connect-authentication

https://docs.microsoft.com/en-us/azure/active-directory/hybrid/tshoot-connect-password-writeback

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QUESTION 11

You need to resolve the issue with internet traffic from VM1 being routed directly to the internet. What should you do?

A. Modify IP address prefix of RT12

B. Associate RT12 with Subnet1a.

C. Associate RT12 with Subnet2a.

D. Modify the next hop type of RT12.

Correct Answer: B

This will ensure that the route table RT12, which has a route to direct internet traffic to the virtual network gateway VNG1, is applied to the subnet where VM1 is located. This will override the default route that sends internet traffic to the internet gateway.

QUESTION 12

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.

Correct Answer: B

To troubleshoot the cause for the VPN disconnections between VNetGW1 and the partner site, you should verify that the partner\\'s VPN device is configured for one VPN tunnel per subnet pair.