**AZ-103**

Complete the Case Study

Solution Evaluation

Instructions

This case study contains a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

Note: You cannot go back or review questions of this type on the actual certification exam.

Q1. You manage a Windows Server 2016 virtual machine (VM) named VM1.

You need to configure an additional public IPv4 address for VM1.

Solution: From the VM's Networking blade, you click Attach network interface.

Does this solution meet the goal?

1. Yes
2. No

Q2.You manage a Windows Server 2016 virtual machine (VM) named VM1.

You need to configure an additional public IPv4 address for VM1.

Solution: From the network interface's IP configurations blade, you click Add.

Does this solution meet the goal?

1. Yes
2. No

Q3.You manage a Windows Server 2016 virtual machine (VM) named VM1.

You need to configure an additional public IPv4 address for VM1.

Solution: From the virtual machine's Extensions blade, you click Add.

Does this solution meet the goal?

1. Yes
2. No

Q4.You have an Azure resource group named RG1. RG1 contains a Linux virtual machine (VM) named VM1.

You need to automate the deployment of 20 additional Linux VMs. The new VMs should be based upon VM1's configuration.

Solution: From the virtual machine's Automation script blade, you click Deploy.

Does this solution meet the goal?

1. Yes
2. No

Q5.You have an Azure resource group named RG1. RG1 contains a Linux virtual machine (VM) named VM1.

You need to automate the deployment of 20 additional Linux VMs. The new VMs should be based upon VM1's configuration.

Solution: You store the Linux VM properties in a template and deploy the additional VMs by editing the template parameter values for each additional VM.

Does this solution meet the goal?

1. Yes
2. No

Q6.You have an Azure resource group named RG1. RG1 contains a Linux virtual machine (VM) named VM1.

You need to automate the deployment of 20 additional Linux VMs. The new VMs should be based upon VM1's configuration.

Solution: From the resource group's Policies blade, you click Assign policy.

Does this solution meet the goal?

1. Yes
2. No

**Practice Test**

Q1. You have a Microsoft Azure subscription named Sub1. The subscription is associated with an Azure Active Directory (Azure AD) tenant named company1.onmicrosoft.com.

You need to associate the Azure AD tenant with your corporate Domain Name System (DNS) domain, company1.com.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| Possible actions | **Actions in order** |
| Register your custom domain with Azure DNS. | Associate your custom domain name with your Azure AD tenant. |
| Associate your custom domain name with your Azure AD tenant. | Add DNS information to your domain registrar |
| Create a new Azure DNS zone. | Verify ownership of your custom domain. |
| Add DNS information to your domain registrar |  |
| Purchase an App Service Certificate. |  |
| Verify ownership of your custom domain. |  |

Q2.You deploy a virtual network (VNet) named VNETO1. You deploy several virtual machines (VMS) connected to VNETO1.

You configure a new service on VM01, which is one of the VMs connected to VNETO1.

You need to allow inbound traffic to TCP port 992 on VM01. You decide to create a network security group named NSG01 and attach it to the primary NIC of VM01.

Which PowerShell cmdlet should you use?

**Choose the correct answer**

1. Set-AzureRmNetworkinterface
2. Set-AzureRmVirtualNetworkSubnetConfig
3. Set-AzureRmNetworkSecurityRuleConfig
4. Set AzureRim
5. Set-AzureRmNetworkSecurity Group

Q3.You have several Windows Server 2012 R2 file servers deployed in your on-premises infrastructure. You want to deploy a file server hybrid solution. You decide to use Azure File Sync with some of your file servers.

You configure two Azure File Storage accounts for this purpose. You are configuring the Azure File Sync.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | Yes | No |
| You can use more than one Azure file share in the same sync group. |  |  |
| A server can only sync with a single sync group. |  |  |
| Changes made directly on the file share can take up to 24 to be synced. |  |  |
| Pre-seeding is the best approach for doing the first synchronization. |  |  |

Answer: No | No | Yes | No  
  
Q4.Your company has an Azure subscription with an Azure Active Directory (Azure AD) tenant. Your company uses this Azure AD tenant to manage access to the resources deployed in Azure.

Your company has a security policy that states that all users must have only the required privileges to do their job. This policy also requires that all privileges be reviewed every month and any incorrect permission assignments must be corrected.

You decide to use Azure AD access review. Access review has not been used before.

You need to configure Azure AD access review. Your solution must require the least administrative effort.

What two actions should you perform? Each correct answer represents part of the solution.

Choose the correct answers

1. Configure a quarterly frequency with 30 days for the duration setting.
2. Use the Default Program.
3. Create a new program.
4. Configure a monthly frequency with 14 days for the duration setting.
5. Configure a yearly frequency with 30 days for the duration setting.

Q5.A client asks you to assist in moving a public website and Domain Name System (DNS) domain from the current host into Azure.

You help the client migrate the website to an Azure App Service web application. You also create a zone in Azure DNS for the client's company.com domain.

You now need to configure DNS so that user requests to company.com resolve to the Azure App Service app.

What should you do next?

Choose the correct answer

1. Configure Azure DNS as a secondary name server.
2. Create an A record for company.com in Azure DNS.
3. Delegate the company.com zone to Azure DNS.
4. Create a CNAME record for company.com in Azure DNS.

Q6.Due to a recent corporate reorganization, team members in the Accounting department are now part of the Finance department.

You need to change the Department property for 36 Azure AD user accounts. Your solution must minimize administrative effort and make future bulk updates easier to perform.

What should you do?

Choose the correct answer

1. Write a Desired State Configuration (DSC) script and deploy it using Azure Automation
2. Write a PowerShell script using the Azure AD module.
3. Write a PowerShell Azure Function using the AzureRM.Profile module.
4. Write a PowerShell workflow using the MSOnline module and a comma-separated value (CSV) file containing the relevant usernames.

Q7.You are tasked with managing the corporate Microsoft Azure subscription. Presently, a site-to-site virtual private network (VPN) connects the company's on-premises network infrastructure to a virtual network (VNet) named prod-vnet.

You need to implement a backup strategy for nine virtual machines (VMs) located on prod-vnet.

What should you do first?

Choose the correct answer

1. Create a Recovery Services vault.
2. Deploy Azure Backup Server in your on-premises environment.
3. Define an Azure Site Recovery (ASR) recovery plan.
4. Install the VM Backup extension on the Azure-based VMs.

Q8.You need to assign a static private IPv4 address for a Windows Server virtual machine (VM) named corpvm1 running in a virtual network (VNet) named corp-vnet.

What should you do?

Choose the correct answer

1. Connect to corp-vm1 by using WinRM and run the Set-NetIPAddress PowerShell cmdlet.
2. Connect to corp-vm 1 by using Remote Desktop Protocol (RDP) and edit the VM's virtual network connection properties.
3. Edit the address range of corp-vnet.
4. Modify the IP configuration of the virtual network interface associated with corp-vm1.

Q9.You configure federated authentication on your Azure subscription for multiple applications. As a part of that work, you enable Home Realm Discovery and set the policy as shown in the exhibit.

The majority of your users can successfully access the application, but several users report that they are unable to sign in.

You need to resolve the problem.

What are two ways to resolve the problem? Each correct answer presents a complete solution.

**Choose the correct answers**

1. Disable Home Realm Discovery.
2. Add the users who cannot log in to the federated.example.edu domain.
3. Change the AllowCloudPasswordValidation value to False.
4. Change the PreferredDomain value to the domain of the users who cannot log in.

Q10.You have an Azure subscription that contains a Windows Server 2016 virtual machine (VM) named VM1.

You need to enable guest operating system (OS) diagnostics for VM1 by using Azure Cloud Shell

How should you complete the Azure PowerShell command? To answer, select the appropriate options from the drop-down menus.

Choose the correct options

$vmRg = 'prod'

Svm="vm1"

Spath = "config.xml"

Choose an item. -ResourceGroupName SvmRg

-VMName $vm Choose an item. -$path

Answer: Set Azure RIVM DiagnosticsExtension

Answer: DiagnosticsConfigurationPath

Q11.Your company plans to release a new web application. This application is deployed using several resources in Azure and will be available to users of the companycom domain. You check that company.com is available for purchase

You decide to configure a DNS zone in Azure. You need to ensure that the DNS domain can be resolved on the Internet

Which three actions should you perform? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in any order.

Create a list in any order

|  |  |
| --- | --- |
| Possible actions | Actions to perform |
| Configure a forward DNS zone in Azure. | Configure a reverse DNS zone in Azure |
| Configure a reverse DNS zone in Azure | Create an NS record in your registrar that points to azure-dns servers. |
| Purchase the company.com domain by u Am DNS | Purchase the company.com domain by using a domain name registrar. |
| Create an NS record in your registrar that points to azure-dns servers. |  |
| Create a Start Of Authority (SOA) record in your registrar that points to EZUTSETES. |  |
| Purchase the company.com domain by using a domain name registrar. |  |
| Create an NS record in your Azure DNS zone that points to e ns servers |  |
| Create a Start Of Authority (SOA) record in your Azure DNS zone that Doints to azure-dns servers. |  |

Q12.You have an Azure subscription that contains 24 virtual machines (VMs). All VMs and their associated resources send their diagnostics data to an Azure Log Analytics workspace named WS1.

You need to generate a report that lists the top 10 VMs with the most error events over the past day.

How should you write the Kusto Query Language (KOL) query? To answer, select the appropriate options from the drop-down menus

Choose the correct options

Choose an item.

where(EventLevelName == "Error")

Choose an item. (TimeGenerated > ago(1days)

Choose an item. ErrorCount = count() by Computer

top 10 by ErrorCount desc

Answer: Event  
Answer: Summarize  
Answer: Where

Q13.You are asked to connect your new Office 365 subscription with your on-premises Active Directory Domain Services (AD DS) domain. You configure Azure AD Connect and enable Seamless Single Sign-On (SSO).

You need to configure Group Policy Object (GPO) support for SSO.

Which two policies or settings should you configure? Each correct answer presents part of the solution.

Choose the correct answers

1. Intranet Zone Template
2. Internet Zone Template
3. Allow updates to status bar via script for Internet Zone
4. Allow updates to status bar via script for Intranet Zone
5. Turn on Notification bar notification for intranet content
6. Site to Zone Assignment List

Q14.You are deploying a group of new virtual machines (VMs) in your Azure Subscription. These new VMs are part of the frontend layer of a new application that your company i

You plan to configure an Azure Load Balancer for these new VMs. You decide to configure a Standard Load Balancer.

You need to configure the public IP address that you will assign to the load balancer.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | No |
| You can only use a standard SKU public IP addresses with Standard Load Balancers. |  |  |
| Standard SKU public IP addresses allow inbound communication by default. |  |  |
| You can only use the static allocation method with standard SKU public IP addresses. |  |  |
| You can specify the IP address of a public IP resource. |  |  |

Answers: Yes | No | Yes | No

Q15.You have storage accounts in your Azure subscription for different purposes. The storage accounts have blob containers and file shares configured.

Some users access these storage accounts by using the Microsoft Azure Storage Explorer desktop application. They are reporting that they get the error message shown in the exhibit when they try to browse the contents of the storage account.

You need to resolve the issue.

What are two possible reasons why users are users getting this error message? Each correct answer presents a complete solution.

Choose the correct answers

1. Your users have the Storage Blob Data Contributor role assigned in the storage accounts.
2. There is a CanNotDelete resource lock configured.
3. There is a ReadOnly resource lock configured.
4. Your users have the Read role assigned in the storage accounts.

Q16.You deploy a Storage Account named store01 in your Azure subscription

You grant the contributor role to some users in store01. The users work on an application that will use the storage account for storing some information.

The users report that they are not able to list the storage account keys for connecting their application to the storage account.

You need to identify the root cause of the issue.

What is the most probable cause?

Choose the correct answer

1. You need to grant the users the owner role.
2. You configured a CanNotDelete lock.
3. You need to grant the users the Storage Account Key Operator Service role.
4. You configured a ReadOnly lock.

Q17.You deploy multi factor authentication (MFA) in your Azure AD tenant. You do not want your users to be required to enter any additional password or code when using MFA to log in the applications.

You need to configure the verification methods that will be available for your users.

Which two methods should you make available? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Verification code from mobile app or hardware token
2. Notification through mobile app
3. Call to phone
4. Text message to phone

Q18.You back up all Azure-based virtual machines (VMs) to a Recovery Services vault. One of these VMs is a Windows Server 2016 domain member server named app1 that hosts an internally developed line of business (LOB) web application.

A developer informs you that she needs to review three-month-old log files stored on app1. You need to retrieve these files as efficiently as possible.

What should you do?

**Choose the correct answer**

1. Make a Remote Desktop Protocol (RDP) connection to app1 and use the Previous versions feature to restore the requested log files.
2. Retrieve the files from the appropriate backed-up virtual hard disks (VHDs) by using Azure Storage Explorer.
3. Download the appropriate virtual hard disk (VHD) files from the Recovery Services vault to your administrative workstation.
4. Mount the virtual hard disks (VHDs) from the relevant VM backup as drives on your administrative workstation.

Q19.Your company has a line-of-business (LOB) application that uses Azure SQL Database for storing transactional information. Your company also has System Center Service Manager deployed.

You need to configure an alert when the database reaches the 70% of CPU usage. When this alert rises, you need to notify several users by email and by SMS. You also need to automatically create a ticket in the ITSM system. Your solution should require the minimum administrative effort.

Which two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Configure two Action Groups: one Action Group for email and SMS notification and one for ITSM ticket creation.
2. Configure System Center Service Manager with Azure Automation.
3. Configure one Action Group with three actions: one for email notification, one for SMS notification, and one for ITSM ticket creation.
4. Configure an IT Service Management Connector (ITSMC).

Q20.Your company's local environment consists of a single Active Directory Domain Services (AD DS) domain. The company purchases a Microsoft Office 365 E5 subscription, and you plan to configure directory synchronization between AD DS and Azure Active Directory (Azure AD) to support single sign-on (SSO) for your users.

You need to ensure that improperly formatted domain user names will not cause synchronization errors.

What should you do?

**Choose the correct answer**

1. Run the IdFix tool.
2. Run the Synchronization Service Manager.
3. Run the Synchronization Rules Editor.
4. Run Azure AD Connect in custom mode.

Q21.Your company has two Azure subscriptions, subsA and subsB, for different lines of business. Each subscription has its own Azure Active Directory (Azure AD) tenant assigned.

You have a virtual machine (VM) deployed in the subsA subscription, in a resource group named RG-A1. You attempt to move the VM to another resource group named RG-B2 that is configured in the subsB subscription.

While you are trying to move the VM, you get an error.

You need to identify the cause of the error so you can move the VM.

What is the most likely cause?

**Choose the correct answer**

1. The VM is a classic VM.
2. The VM has managed disks configured.
3. The subscriptions are in different Azure AD tenants.
4. The destination resource group is in a different subscription.

Q22.Your company deploys an Azure File Sync service. This service syncs with an on-premises file server located in your office. The server stores the information synced with Azure in a volume different from the system volume. The file server has an antivirus solution installed.

You notice that some infrequently accessed files are downloaded to the file server. After monitoring file system access, you determine that no user is accessing the affected files.

You need to troubleshoot what is happening with those files.

What are two ways of meeting your goal? Each correct answer presents a complete solution.

**Choose the correct answers**

1. Review the Application event log.
2. Review the Services\Microsoft\FileSync Agent event log.
3. Run the Set-AzureRmStorage SyncServerEndpoint-Id serverendpointid -CloudTiering true - VolumeFreeSpacePercent 60 PowerShell cmdlet.
4. Run the fltmc command at an elevated command prompt.
5. Run the Test-NetConnection - ComputerName storage-account-name.file.core.windows.net -Port 443 PowerShell cmdlet.

Q23.You deploy a new virtual machine (VM) named newVM to your Azure subscription. Your company's security policy requires that all VMs deployed in Azure must be protected by a Backup.

You have a Recovery Services vault configured in Azure for protecting other VMs in your subscription. You configure a backup policy named Company Policy.

You need to include this new VM in the backup. You also need to perform the first backup as soon as possible.

How should you complete the PowerShell script? To answer, select the appropriate options from the dropdown menus.

Choose the correct options

$p = Choose an item. -Name "Company Policy"

Choose an item. **-ResourceGroupName "RG01"**

-Name “newVM” –Policy $p

$C = Choose an item. - ContainerType"AzureVM" -FriendlyName "newVM"

$i = Choose an item.

Container $c-WorkloadType "AzureVM"

Choose an item. -Item Si

Answer:

Get AzuremRecovery ServicesBackupProtection Policy

Enable Azurom Recovery Services Backup Protection

Get AzuremRecovery Services Backup Container

Get AzuremRecovery Services Backupitem

Backup AzuremRecovery ServicesBackupItem

Q24.You need to configure public IP addressing for four infrastructure virtual machines (VMs) that reside on an Azure virtual network (VNet).

Your solution must meet the following technical and business requirements:

\*Minimize the VMs' attack surface

\* Minimize administrative/maintenance complexity

\* Minimize cost

What should you do?

**Choose the correct answer**

1. Assign a public IP address to each VM virtual network interface card (VNIC) and use Just-in-Time (JIT) VM Access to reach the VMs.
2. Assign a public IP address to a public load balancer and use Network Address Translation (NAT) to reach the VMs.
3. Assign a public IP address to each VM and use network security groups (NSGS) to reach the VMs.
4. Assign a public IP address to an Azure Virtual Private Network (VPN) Gateway and use a public load balancer to reach the VMs.

Q25.You deploy three Windows virtual machines named VM01, VMO2 and VM03 that host the front-end layer of a web application. You configure a Standard Load Balancer named LB01. VM01, VMO2, and VM03 are configured as part of the backend pool for LB01. You configure a load balancing rule for TCP traffic only.

You also configure three public static IP addresses named IPO1, IPO2, and IP03 assigned as follows:

\* IPO1 is assigned to VM01.

\* IPO2 and IPO3 are assigned to LB01.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| Statement | Yes | No |
| Outbound flow on VM01 will always use IP02. |  |  |
| Outbound flow on LB01 uses IPO2 and IP03 at the same time. |  |  |
| You can have up to 2048 TCP outbound connections on LB02. |  |  |
| Outbound flow on VM03 will use IPO2 or IP03 for UDP traffic |  |  |

Answers: No | Yes | Yes | No

Q26.Your company recently purchased an Office 365 subscription. Your company has an on-premises Active Directory Domain Services (AD DS) domain. You configure smartcard authentication support for some specific users.

You want to ensure that users can access all Office 365 applications without typing their password. You also want to ensure that they use the same password for the AD DS company domain and Office 365

You need to deploy a solution that meets all the company's requirements.

Which solution should you deploy?

Choose the correct answer

1. Active Directory Federation Services (AD FS) and Seamless Single Sign-On (SSO)
2. Active Directory Federation Services (AD FS).
3. Azure AD Connect with password hash synchronization
4. Azure AD Connect with password hash synchronization and Seamless Single Sign-On (SSO)
5. Azure AD Connect with pass-through authentication
6. Azure AD Connect with pass-through authentication and Seamless Single Sign-On (SSO)

Q27.Your company deploys multi factor authentication (MFA) in its Azure AD tenant. You also deploy Office 365. Some users still use Office 2010.

When the MFA is enabled for users using Office 2010, they cannot access their mailbox when using the Outlook.

You decide to configure app passwords for these clients to bypass the MFA only for these users.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | Yes | No |
| Users need to enter their app password each time they use the application. |  |  |
| Each user can have no more than 20 app passwords. |  |  |
| The app password is automatically generated for the user. |  |  |
| Users can perform administrative actions using app passwords. |  |  |
| Caching app passwords affects on-premises scenarios. |  |  |

Answers: No | No | Yes | No | Yes

Q28.You are the lead architect for your company's Microsoft Azure infrastructure.

To maintain corporate compliance certifications, you need to ensure that any virtual machines (VMs) are created only in approved Azure regions.

What should you do?

Choose the correct answer

1. Enforce conditional access policy in Azure Active Directory (Azure AD).
2. Define and deploy an Azure Automation Desired State Configuration (DSC) configuration.
3. Define and deploy a custom Azure Policy template.
4. Create an Azure management group.

Q29.You have an Azure subscription that contains a Windows Server virtual machine (VM) named VM1.

You write a Desired State Configuration (DSC) configuration script that configures a target node to run a lineof-business (LOB) web application.

You need to configure VM1 to process your DSC configuration script. Your solution must minimize costs.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

Create a list in the correct order

|  |  |
| --- | --- |
| Possible actions | Actions in order |
| Import necessary modules. | Define an Azure DSC extension resource on VM1. |
| Define an Azure DSC extension resource on VM1. | Upload the DSC configuration script. |
| Compile the configuration. | Deploy the extension |
| Upload the DSC configuration script. |  |
| Assign the configuration. |  |
| Deploy the extension |  |
| Create an Azure Automation account. |  |

Q30.Your company is evaluating a hybrid identity management strategy for authenticating users accessing applications hosted in Azure.

You have the following requirements:

\* Users must be able to login to the Azure hosted applications using the same username and password as they use on-premises.

\* Minimum additional infrastructure is needed to support the sign on mechanism.

\* User accounts revoked on-premises must be instantly revoked in Azure.

\* A cloud based solution should be in place in the event of disaster recovery being invoked. This cloud based solution will not have the same restriction on instant user revocation

You need to implement the identity management strategy.

Which two identity management solutions should you choose? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Azure AD Pass-through Authentication
2. Azure AD Connect with Password Synchronization
3. Cloud authentication
4. Active Directory Federation Services (ADFS)

Q31.You are configuring a Network Security Group (NSG). The default NSG rules are already in place.

You need to configure the NSG to support only the following types of traffic into the subnet from the Internet.

\* Remote Desktop Management

\* Secured HTTPS traffic

\* Unsecured HTTP traffic

Which three ports should you configure in the NSG configuration? Each correct answer presents part of the solution.

**Choose the correct answers**

1. 80
2. 53
3. 21
4. 3389
5. 443

Q32.The development team asks you to provision an Azure storage account for their use.

To remain in compliance with IT security policy, you need to ensure that the new Azure storage account meets the following requirements:

\* Data must be encrypted at rest.

\* Access keys must facilitate automatic rotation.

\* The company must manage the access keys.

What should you do?

Choose the correct answer

1. Create a service endpoint between the storage account and a virtual network (VNet).
2. Enable Storage Service Encryption (SSE) on the storage account.
3. Configure the storage account to store its keys in Azure Key Vault
4. Require secure transfer for the storage account.

Q33.You have an Azure network, as shown in the exhibit. Your network consists of two virtual networks (VNets) and several servers. Server 2 has the Network Watcher Agent installed.

You have peered both VNets together, but Server 1 cannot communicate with Server 2 over HTTPS.

You need to find the fault that is preventing the servers from communicating.

What should you do first?

Choose the correct answer

1. Install the Network Watcher Agent on Server 1.
2. Use the Azure Network Watcher service to test the TCP connection between Server 1 and Server
3. Use Network Performance Monitor to discover any networking issues.
4. Use the Test-Connection PowerShell command on each server.

Q34.You are asked to configure Azure virtual machine (VM) connectivity between two virtual networks (VNets) in the same Azure Resource Group.

The solution must support an application that requires connectivity using IPv6 and may not fall back to IPv4 for compliance reasons. The application must also support IPv6 clients on the public Internet.

You need to implement these requirements.

What three actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Add a Network Security Group (NSG) to the subnets hosting the VMs to block IPv4 connectivity
2. Add a public IPv6 IP address to the Internet facing Azure Load Balancer.
3. Add an IPv6 endpoint to each VM supporting the application.
4. Add one Azure Load Balancer in the resource group.
5. Add an Azure Load Balancer for each VNet in the resource group.

Q35.You have an Azure resource group named RG1. RG1 contains two virtual networks (VNets) with the following attributes:

\* VNet 1: East US region; 4 Windows Server virtual machines (VMs)

\* VNet2: West US region; 8 Linux VMs

You need to configure host name resolution for all VMs within RG1. Your solution must meet the following technical requirements:

\* VMs within each VNet should be able to resolve each other's fully qualified domain names (FQDNs).

\* VMs in VNet1 should be able to resolve the host names of VMs in VNet2.

\* VMs in VNet2 should be able to resolve the host names of VMs in VNet1.

What should you do?

Choose the correct answer

1. Deploy a VNet-to-VNet virtual private network (VPN) connection.
2. Define a peering between VNet1 and VNet2.
3. Enable Azure-provided name resolution.
4. Create a private zone in Azure DNS.

Q36.Your Azure Subscription has several virtual machines (VMs) deployed. You need to configure backups for these VMs.

You need to ensure that the backups have the following characteristics:

\* Backups are made daily.

\* There is a daily backup for the last 90 days.

\* There is a backup of the first Sunday of each month for the last 30 months.

\* There is a backup of June 15 of each year for the last 10 years.

\* The backup process should have no impact on any production timeframe.

\* The backup should happen between 01:00 pm and 02:00 am UTC.

You need to configure the backup policy to meet the requirements.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

Create a list in the correct order

|  |  |
| --- | --- |
| Possible actions | Actions in order |
| Configure a yearly backup point with week-based retention | Select daily as the backup frequency |
| Select weekly as the backup frequency | Enable a daily backup point and set it for 90 days |
| Enable a daily backup point and set it for 90 days. | Configure a monthly backup point with week-based retention. |
| Enable a weekly backup point and set it for 12 weeks | Configure a yearly backup point with day-based retention. |
| Configure a monthly backup point with week-based retention. |  |
| Configure a monthly backup point with day-based retention. |  |
| Configure a yearly backup point with day-based retention. |  |

Q37.You design a virtual network (VNet) topology with the following characteristics:

\* web subnet: 3 web front-end virtual machines (VMS)

\* app subnet: 3 application server VMs

\* data subnet: 3 database server VMs

The client requires that inter-subnet network traffic be strictly controlled with network security groups (NSGs).

You need to design a solution that minimizes NSG rule creation and maintenance.

What should you do?

Choose the correct answer

1. Employ the VirtualNetwork NSG service tag in each NSG.
2. Bind a route table to each subnet.
3. Enable the built-in rules in each NSG.
4. Define application security groups (ASGs) that align to each application tier.

Q38.You have several Windows Server and Ubuntu Linux virtual machines (VMs) distributed across two virtual networks (VNets):

\* prod-vnet-west (West US region)

\*prod-vnet-east (East US region)

You need to allow VMs in either VNet to connect and to share resources by using only the Azure backbone network. Your solution must minimize cost, complexity, and deployment time.

What should you do?

Choose the correct answer

1. Configure peering between prod-vnet-west and prod-vnet-east.
2. Create a private zone in Azure DNS.
3. Deploy a VNet-to-VNet virtual private network (VPN).
4. Add a service endpoint to each VNet.

Q39.Last month you deployed an Ubuntu Linux server virtual machine (VM) named linux1 to a virtual network (VNet) in Azure.

Today, you need to perform emergency remote management of linux1 from your Windows 10 Enterprise Edition workstation. Your solution must minimize both setup time and administrative effort

What should you do?

Choose the correct answer

1. Connect to the VM by using Remote Desktop Protocol (RDP) and PowerShell Core 6.0.
2. Connect to the VM by using Secure Shell (SSH) and Windows Subsystem for Linux.
3. Connect to the VM by using Secure Shell (SSH) and Azure Cloud Shell.
4. Connect to the VM by using Remote Desktop Protocol (RDP) and Remote Desktop Connection.

Q40.You use the Azure Command-line Interface (CLI) to manage the company's subscription.

You need to assign taxonomic tags to a new resource group named prod-rg.

How should you complete the Azure CLI command? To answer, select the appropriate options from the drop-down menus.

**Choose the correct options**

Choose an item. Choose an item. -set tags. Dept=IT

Answer: az group update

Answer: name prod-rg

Q41.You have an Azure resource group named RG1. RG1 contains six virtual machines (VMs) that run Windows Server or Linux.

You plan to use Azure Cloud Shell to add a new tag with the name of Status and value of Approved to all VMs contained in RG1. You need to ensure that all existing tags are preserved.

How should you complete the Azure PowerShell command? To answer, select the appropriate options from the drop-down menus.

**Choose the correct options**

Stags = (Get-AzureRmResource Group -Name RG1). Tags

                  Choose an item.            ("Status", "Approved")

                   Choose an item.            -Tag $tags -Name C Choose an item.

Answer: $tags.Add

Answer: Set-AzureRmResourceGroup

Answer: RG1

Q42.You have an Azure resource group named RG1. RG1 contains 14 Windows Server virtual machines (VMs). All VMs are connected to an Azure Log Analytics workspace named WS1.

You plan to write a log search query that collects all security events with the following properties:

\* All security event levels other than 8

\* Event ID 4672

How should you form your log search query? To answer, select the appropriate options from the dropdown menus.

**Choose the correct options**

Security Event

where Level       Choose an item.  8

 Choose an item.     EventID== 4672

Answer: <>

Answer: where

Q43.Your company has a custom line-of-business (LOB) application that uses several Azure resources. All resources assigned to the LOB application are in the same resource group. After the first deployment of the LOB application, the company adds more features to the application. You also add more resources to the resource group in different additional deployments.

You need to create a template to redeploy the resources needed for the LOB application.

What should you do?

**Choose the correct answer**

1. Use the Get-AzureRmResourceGroupDeployment cmdlet.
2. Use the Export-AzureRmResource Group cmdlet.
3. Use the Get-AzureRmResourceGroupDeploymentOperation cmdlet.
4. Use the Save-AzureRmResource GroupDeployment Template cmdlet.

Q44.You have an Azure subscription with the following types of the resources deployed:

\* Azure Files

\* Azure Virtual Machines

\* Azure Backup server

You make backups of all your resources by using Azure Backup in several Recovery Services vaults.

You need to review the status of all backups. You decide to configure Azure Backup reports.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

Create a list in the correct order

|  |  |
| --- | --- |
| Possible actions | **Actions in order** |
| Connect to Azure Backup in PowerBI using the storage account URL. | Turn on diagnostics in the Recovery Services vault. |
| Turn on diagnostics in the Recovery Services vault. | Select Archive to a storage account. |
| Select Archive to a storage account. | Select AzureBackupReport in the log section |
| Turn on diagnostics on each Azure Backup server | Connect to Azure Backup in PowerBI using a service content pack |
| Select AzureSiteRecovery Events in the log section |  |
| Select AzureBackupReport in the log section |  |
| Select Send to Log Analytics. |  |
| Connect to Azure Backup in PowerBI using a service content pack |  |

Q45.You have a website hosted in Azure App Services that is used globally within your company. The website contains a mixture of dynamic and static content.

You are asked to put a Content Delivery Network (CDN) in place to optimize the experience for the end users.

You need to configure the CDN and web app to optimize both dynamic and static content where possible.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Implement general web delivery on the CDN.
2. Implement cross origin sharing (CORS) on the website.
3. Implement custom caching rules on the CDN.
4. Implement dynamic site acceleration (DSA) on the CDN.

Q46.You have an Azure resource group named RG1 located in the West US region. RG1 contains a Windows Server 2016 virtual machine (VM) named VM1 located in the East US region.

You need to configure Azure to back up VM1 every day

How should you configure the backup? To answer, drag the appropriate configuration property to each configuration task. A configuration property may be used once, more than once, or not at all.

**Drag and drop the answers**

|  |
| --- |
| Recovery Services vault |

Create a:

|  |
| --- |
| East US |

Region:

|  |
| --- |
| Backup policy |

Associate a:

Backup policy | Recovery plan |West US |East US |Recovery Services vault | Storage account

Q47.Your company is developing a web application. This web application will be deployed in Azure using virtual machines (VMs).

To ensure the high availability of the application, you plan to configure a load balancer for the web application. The web application has the following requirements:

\* Users of the application need to upload files to it. This upload process uses TCP and UDP ports.

\* The application uses a TCP keep-alive of 10 minutes.

You are configuring the load balancing rules for the public load balancer of the application.

Which two configuration changes should you make? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Configure session persistence to the client IP address and protocol.
2. Configure the idle timeout to 10 minutes.
3. Configure session persistence to the client IP address,
4. Configure the idle timeout to 15 minutes.
5. Configure session persistence to None.
6. Configure the idle timeout to 5 minutes.

Q48.Your media production company recently moved all its infrastructure into Azure.

Every 14 days you run a batch to render several thousand video clips into various media formats for customers. At the moment the batch job is run on a single H-series virtual machine (VM).

You need to design a scalable compute solution. The solution must meet the following technical and business requirements:

\* Must use VM instance sizes smaller than H series

\* Must support automatic scale out and scale in based on CPU metrics

\* Must minimize deployment time

\* Must minimize administrative overhead

What should you do?

Choose the correct answer

1. Configure an auto-scaling rule on the existing VM.
2. Author an Azure Resource Manager (ARM) template that creates additional VMs.
3. Create an Azure Data Factory pipeline.
4. Deploy a virtual machine scale set (VMSS).

Q49.You configure an availability set with several virtual machines (VMs). These VMs host a website on TCP port 443. You are using a public Basic Load Balancer named LB01 to distribute the load between the different VMs in the availability set. This website is published to the internet using a public IP address named PIPO1.

You need to host an additional website on these VMs. This website needs to be accessed using a public IP address different from PIPO1. You need to provide a cost-effective solution.

What three actions should you perform? Each correct answer presents part of the solution.

Choose the correct answers

1. Configure an additional network interface on the VMs.
2. Create a new Basic Load Balancer.
3. Configure an additional load balancing rule on LB01.
4. Configure two loopback interfaces on the VMs.
5. Use the same source and destination ports in the load balancing rule.
6. Use different source and destination ports in the load balancing rule.
7. Change the SKU of the load balancer.

Q50.You deploy several resources in Azure that host a corporate application. You configure a site-to-site (525) policy-based VPN connection between your company's main office and the virtual network (VNet) in which you have deployed the application.

You are informed that some users are experiencing connectivity issues with the corporate application. You review the VPN connection and confirm that there are intermittent connectivity issues.

You need to troubleshoot the problem. You verify that the on-premises VPN device is working properly.

Which four actions should you perform? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in any order.

Create a list in the correct order

|  |  |
| --- | --- |
| **Possible actions** | **Actions to perform** |
| Enable Network Performance Monitor | Enable Network Watcher. |
| Enable Network Watcher. | Start VPN logging |
| Check the shared key. | Check the security associations |
| Start VPN logging | Check the on-premises VPN device external interfaces addresses |
| Check the security associations. |  |
| Check the on-premises VPN device external interfaces addresses |  |

Q51.You plan to deploy multi factor authentication (MFA) in your company. Your company deploys Azure Active Directory (Azure AD) and federates it with an on-premises Active Directory Domain Services (AD DS) domain using Active Directory Federation Services (AD FS) 2016.

You need to configure MFA so that trusted devices can remember MFA credentials for 14 days. You also need to exclude certain groups of users from using MFA. These groups of users can change from time to time

Your solution should require the least administrative effort.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

Create a list in the correct order

|  |  |
| --- | --- |
| Possible actions | Actions in order |
| Configure the Azure MFA authentication method AD ES 2018 | Open the multi-factor authentication portal. |
| Open the multi-factor authentication portal. | Enable at least one verification method. |
| Install MFA Server | Allow trusted devices to remember |
| Enable at least one verification method. | Create a conditional access policy |
| Configure trusted IP addresses for federated users |  |
| Allow trusted devices to remember |  |
| Enable MFA for all users in the Multifactor authentication portal. |  |
| Create a conditional access policy |  |
| Configure automated synchronization with AD DS in MFA Server |  |

Q52.Company has a Line-Of-Business LOB) application hosted in an Azure subscription. This LOB application has a three-layer architecture with a scale set and several virtual machines (VMS) in each layer

The VMs use a load balancer to distribute the traffic across all VMs. The LOB application is deployed in the West US 2 Azure region.

Company acquires another company named Company B. This company has another Azure Subscription with a different Azure Active Directory Azure AD) tenant and several resources deployed in it. Company users access these resources using a site-to-site VPN deployed in the East US Azure region. You want to ensure that users in Company can access the Company A LOB application. You decide to configure a VNet peering

Users from Company B report that they are not able to access the Company A LOB application

You need to troubleshoot these connectivity issues.

What are the two most likely causes of this issue? Each correct answer presents a complete solution

Choose the correct answers

1. You cannot create a VNet peering between different regions.
2. The VPN gateway has a missing configuration
3. The LOs application uses Basic Load Balancers.
4. Subscriptions need to be in the same Azure AD tenant
5. The LOB application uses Standard Load Balancers

Q53.You have several virtual networks (VNets) deployed in different regions. The following list shows the region, services, and IP address space for each VNet:

\* VNETO1: West US 2. VPN Gateway. 10.1.0.0/16

\* VNETO2: West Europe. Internal Load Balancer. 10.2.0.0/16

\* VNET03: Australia Central. Internal Load Balancer. 10.3.0.0/16

\* VNET04: West Europe. 10.4.0.0/16

You decide to use peering to connect resources using following schema:

\* VNETO1 connected with VNETO2

\* VNETO2 connected with VNETO3

\* VNETO3 connected with VNETO4

\* VNET04 connected with VNET01

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| VMs in VNET01 can communicate with the frontend IP address of the internal load balancer on VNET02. |  |  |
| You can configure peering between all VNets. |  |  |
| You can add new subnets to VNET03. |  |  |
| VMs in VNET01 can communicate with VMs in VNET03. |  |  |

Answers: No | Yes | No | No

Q54.Your Azure subscription has resource groups for production and testing environments.

A user member of the RegularUsers group deletes the testing resource groups named TSTO1-RG and TSTO2RG by accident. TST01-RG had a storage account named STA01 configured. TSTO2-RG had an App Service named APP01 configured.

You recover the affected resource from the backups. You then decide to implement resource locks so this will not happen again.

You need to ensure that no other resource is deleted by accident again. You need to ensure that all resource types work correctly after implementing the resource locks. You need to ensure that any new resource that is added to the subscription is also protected against accidental deletion. Your solution should require the least administrative effort.

What should you do?

Choose the correct answer

1. Configure a Delete lock on TST01-RG and TSTO2-RG.
2. Configure a ReadOnly lock on your subscription.
3. Configure a ReadOnly lock on TSTO1-RG and TSTO2-RG.
4. Configure a Delete lock on your subscription.

Q55.You have an Azure virtual network (VNet) named VNet1. VNet1 contains a subnet named Sub1 that hosts three Windows Server 2012 R2 virtual machines (VMs).

You need to design a network Security group (NSG) that blocks inbound Remote Desktop Protocol (RDP) traffic from the Internet into Sub1.

How should you configure the NSG? To answer, drag the appropriate NSG configuration value to each NSG configuration property. A configuration value may be used once, more than once, or not at all.

|  |
| --- |
| Service Tag |

Drag and drop the answers

Source:

|  |
| --- |
| Internet |

Source Data:

|  |
| --- |
| Any |

Destination:

|  |
| --- |
| 3389 |

Destination

port ranges:

AzureCloud |Service Tag |Internet |App Security Group |5985 |3389 |Any

Q56.Your company has a web application deployed in Azure. This web application is distributed in three different layers with three virtual machines (VMs) in each layer. The web application also has a public IP address to allow customers to access the application.

You are implementing a business continuity and disaster recovery (BCDR) plan for this web application using Azure Site Recovery. You configure replication of the VMs in the Azure region that hosts your web application.

You need to minimize the recovery time objective (RTO).

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

Create a list in the correct order

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Configure an ExpressRoute public peering | Configure Network Security Groups (NSGs) in the target region. |
| Configure Network Security Groups (NSGs) in the target region. | Create a recovery plan. |
| Create a recovery plan. | Customize the plan and add a step for attaching the public IP address. |
| Configure an ExpressRoute private peering | Create a Traffic Manager profile. |
| Customize the plan and add a step for attaching the public IP address. |  |
| Configure Network Security Groups (NSGs) in the source region. |  |
| Create a Traffic Manager profile. |  |

Q57.You deployed two virtual networks (VNets) that have the following properties:

\* dev-vnet-west (West US region)

\* prod-vnet-east (East US region)

You configure global VNet peering to link to dev-vnet-west and prod-vnet-east VNets.

You need to ensure that virtual machines (VMs) in either VNet can resolve fully qualified domain names (FQDNS) of any other VM in Azure.

What should you do?

Choose the correct answer

1. Add service endpoints to each VNet.
2. Deploy DNS servers in each VNet and add their private IP addresses to the DNS servers list.
3. Use Azure-provided DNS in each VNet.
4. Create a private zone in Azure DNS.

Q58.Your company plans to release a new web application. This application is deployed by using an App Service in Azure and will be available to users of the company1.com domain. You have already purchased the company1.com domain name

You configure the company1.com Azure DNS zone and delegate it to Azure DNS.

You need to ensure that web application can be accessed by using the company1.com domain name.

You decide to use PowerShell to accomplish this task.

How should you complete the command? To answer, select the appropriate options from the drop-down

menus.

Choose the correct options

New-AzureRMDnsRecordSet –NameChoose an item. –RecordType Choose an item.

-ZoneName "company1.com” –ResourceGroupName “APP-RG" -Ttl 600

--DnsRecords (New-AzureRmDnsRecord Config

-IPv4Address "<IP address>")

New-Azure RMDns Record Set-ZoneName company1.com -ResourceGroupName APP-RG

-Name Choose an item. –RecordType Choose an item. - Ttl 600

-DnsRecords (New-Azure RmDns RecordConfig -Value "company1.azurewebsites.net")

Answer: “@”  
Answer: “A”

Answer: “@”  
Answer: “TXT”

Q59.Your company purchases a new application and is planning to deploy it in Azure. The application requires Windows Server 2016. It also requires high-availability, so it will be deployed using a scalability set.

You are asked to prepare the virtual machine (VM) to automatically deploy all needed requirements for the application to run. You decide to use a custom script extension.

Before deploying the custom script, you test it and ensure that the script runs with no errors in the local environment. You store the script and some dependencies needed for the application in a blob storage account.

While you are testing automatic deployment, you realize that the custom script is not running,

What is the most likely reason for the custom script not running?

Choose the correct answer

1. You need to sign the script.
2. The operation is taking more than 90 minutes.
3. You need to configure a proxy server for the custom script.
4. You need to add an entry in the Network Security Group (NSG).

Q60.You have an Azure resource group named RG1. RG1 contains 12 virtual machines (VMs) that run Windows Server or Linux

You need to use Azure Cloud Shell to lift any resource locks that were applied to the VMs.

How should you complete the Azure PowerShell command? To answer, select the appropriate options from the drop-down menus.

Choose the correct options

$rg = "rg1"

Choose an item.

Choose an item. –ResourceGroupName -eq "$rg-name"

Choose an item. –Force

Q61.You create a binary large object (blob) storage account named reportstorage99 that contains archival reports from past corporate board meetings.

A board member requests access to a specific report. The member does not have an Azure Active Directory (Azure AD) user account. Moreover, he has access only to a web browser on his Google Chromebook device.

You need to provide the board member with least-privilege access to the requested report while maintaining security compliance and minimizing administrative overhead.

What should you do?

Choose the correct answer

1. Copy the report to an Azure File Service share and provide the board member with a PowerShell connection script.
2. Create an Azure AD account for the board member and grant him role-based access control (RBAC) access to the storage account.
3. Generate a shared access signature (SAS) token for the report and share the Uniform Resource Locator (URL) with the board member.
4. Deploy a point-to-site virtual private network (VPN)connection on the board member's Chromebook and grant the board member role-based access control (RBAC) access to the report.

Q62.You are asked to deploy a virtual machine (VM) in your Azure subscription. This VM must be configured with a static IP address for connectivity to some legacy applications.

You need to configure the VM to support a static IP address,

What are two ways to achieve your goal? Each correct answer presents a complete solution

**Choose the correct answers**

1. Use the Set-AzureRmNetworkinterface PowerShell cmdlet.
2. Use the Add-AzureRmVMNetworkinterface PowerShell cmdlet.
3. Use the New-Azure RmNetworkinterface PowerShell cmdlet when creating the VM.
4. Use the Azure Portal to set the static ip address after the VM has been created.

Q63.You have a Linux virtual machine (VM) named VM 1 that runs in Azure. VM1 has the following properties:

\* Size: Standard\_D4s\_v3

\* Number of virtual CPUs: 2

\* Storage type: Premium

\* Number of data disks: 6

\* Public IP address: Standard SKU

You attempt to resize the VM to the Standard\_D2s\_v3 size, but the resize operation fails.

Which VM property is the most likely cause of the failure?

Choose the correct answer

1. Storage type
2. Number of data disks
3. Number of virtual CPUs
4. Public IP address

Q64.You are configuring the Azure File Sync service to synchronize data from your Windows Server failover cluster to Azure Files. Your Windows Server failover cluster is currently configured to support the Scale-Out file server for application data operational mode. The Failover Cluster is set up with data deduplication. The server endpoint is located on the system drive.

The Azure Files Sync service fails to operate on the failover cluster.

You need to rectify the situation.

What two actions should you perform? Each correct answer presents part of the solution.

Choose the correct answers

1. Configure the cluster to support File Server for General Use.
2. Disable the deduplication feature of the Windows clustered file server.
3. Configure the cluster to support clustered shared volumes.
4. Move the server endpoint off the system volume.

Q65.You have a single Active Directory Domain Services (AD DS) domain operating at the Windows Server 2016 domain functional level. Account synchronization is configured between AD DS and your corporate Azure Active Directory (Azure AD) tenant. All user workstations run Windows 10 Enterprise Edition.

The support desk informs you that they regularly receive support requests from users who changed their Azure AD password and are no longer able to log onto the local AD DS domain.

You need to configure the environment to allow users to change their password either locally or in the cloud, and have the passwords remain in sync.

What should you do?

Choose the correct answer

1. Upgrade Azure AD to a premium pricing tier.
2. Configure Azure AD Join for all Windows 10 workstations.
3. Deploy Active Directory Federation Services (AD FS) in the local AD DS domain.
4. Enable Azure AD conditional access.

Q66.You are asked to configure Azure DNS records for the root domain company1.com and add two records to that zone for independently hosted websites on different servers but using the same alias of "www". These servers will round robin the DNS requests for high availability of the service. The time to live for the records must also be set to 1 hour.

You need to configure Azure DNS to support the requirements.

How should you complete the Azure PowerShell script? To answer, select the appropriate options from the drop-down menus.

Choose the correct options

Choose an item. -Name "@" Record Type A ZoneName "company1.com"

ResourceGroupName “MyResourceGroup”-Ttl Choose an item. -DnsRecords

New AzureRiDrsZone

( Choose an item. -IPv4Address "1.2.3.4")

SaRecords = @()

SaRecords += Choose an item. -IPv4Address "2.3.4.5"

SaRecords += Choose an item. -IPv4Address "3.4.5.6"

Choose an item. -Name "www" -ZoneName "company.com"

ResourceGroupName MyResource Group – Ttl Choose an item. RecordType A-Dns Records

$aRecords

Answer: New-AzureRmDnsRecordSet

Answer: 3600

Answer: New-AzureRmDnsRecordConfig

Answer: New-AzureRmDnsRecordConfig

Answer: New-AzureRmDnsRecordConfig

Answer: New-AzureRmDnsRecordSet

Answer: 3600

Q67.You are configuring a Network Security Group (NSG) to allow only Remote Desktop Connections and HTTP traffic from the internet. This NSG will be created for reuse on multiple virtual network (Net) subnets within the same Azure subscription.

You need to complete the PowerShell cmdlets.

How should you complete the cmdlets? To answer, select the appropriate options from the drop-down menus.

Choose the correct options

$rule1 = Choose an item. -Name rdp-Description "Allow RDP" -Access Allow

-Protocol Top-Direction Inbound -Priority 100 -Source AddressPrefix Internet – SourcePortRange\*

-Destination AddressPrefix\* -Destination PortRange 3389

$rule2 = Choose an item. -Name web-Description "Allow HTTP" Access Allow

-Protocol Top-Direction Inbound -Priority 101 SourceAddressPrefix Internet SourcePortRange"

-Destination Address Prefix\* -Destination PortRange 80

$nsg= Choose an item. -ResourceGroupName TestRG - Location eastus

-Name "NSG-FrontEnd" -SecurityRules $rule 1,$rule2

Answer: New-AzureNetworkSecurityRuleConfig

Answer: New-Azure RMNetwork SecurityRuleConfig

Answer: New-AzureRMNetworkSecurityGroup

Q68.Your on-premises datacenter has a mixture of servers running Windows Server 2012 R2 Datacenter edition and Windows Server 2016 Datacenter edition.

You need to configure Azure Sync Service between the Azure Files service and the servers in the datacenter.

Which two activities must you complete to ensure that the service will operate successfully on your servers? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Ensure that the Windows Identity Framework is deployed to all servers.
2. Disable Internet Explorer Enhanced Security for Admins and Users.
3. Ensure that the PowerShell version deployed to the servers is at minimum version 5.1.
4. Disable Internet Explorer Enhanced Security for Admins only.
5. Ensure that for fileserver clusters, Azure Active Directory Connect is deployed to at least one server in the cluster.

Q69.Your company has a line-of-business (LOB) application that uses Azure SQL Database to store transactional information. The LOB application also uses Windows and Linux virtual machines for the business and presentation application layers.

Some users are reporting errors in the application.

You need to be alerted every time that an exception arises in any part of the application. Your solution should require minimal administrative effort.

Which two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Create an alert using a search query that looks for exceptions in application layer servers.
2. Create an alert using a search query that looks for exceptions in Windows servers.
3. Create an alert using a search query that looks for exceptions in Linux servers.
4. Create an alert using a search query that looks for exceptions in business and presentation layer virtual machines
5. Create an alert using a search query that looks for exceptions in business layer servers.

Q70.You deploy a line of business (LOB) application. All resources that are part of the LOB application are deployed in a resource group named APP-RG.

The resources that are part of the LOB application were added in different phases.

You need to export the current configuration of the resources in APP-RG to an ARM template. You will later use this template for deploying the LOB application infrastructure in different environments for testing or development purposes.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | Yes | No |
| You need to export the ARM template from the latest deployment. |  |  |
| Each deployment contains only the resources that have been added in that deployment. |  |  |
| The parameters file contains the values used during the deployment |  |  |
| The template contains needed scripts for deploying the template |  |  |

Answers: No | Yes | Yes | Yes

Q71.You have a resource group named APP-RG that consists of several resources.

You are asked to add a storage account to the resource group. You decide to deploy the new storage account by using an ARM template and the New-Azure Rm ResourceGroup Deployment cmdlet. This template does not contain any linked or nested templates.

After the deployment finishes successfully, you realize that all the resources in the resource group have been replaced by the new storage account.

Why did this happen?

Choose the correct answer

1. You did not use the-mode parameter with the New-AzureRmResourceGroupDeployment cmdlet.
2. The template contains the mode parameter with the value of incremental.
3. You used the-mode complete parameter with the New-AzureRmResourceGroupDeployment cmdlet.
4. The template contains the mode parameter with the value of complete.

Q72.You determine that business units have Azure resources spread across different Azure resource groups.

You need to make sure that resources are assigned to their proper cost centers.

What should you do?

Choose the correct answer

1. Create taxonomic tags and assign them at the resource level.
2. Deploy the Enforce tag and its value on resource groups Azure Policy
3. Deploy the Enforce tag and its value Azure Policy.
4. Create taxonomic tags and assign them at the resource group level.

Q73.You have an ARM template for creating a Windows virtual machine. You got this template from an existing resource group with a single virtual machine, using the automation script option.

You want to reuse this template for other deployments. You need all the resources in the resource group to be in the same location.

What should you do?

Choose the correct answer

1. Use the Azure portal and create a resource group in the desired location. Then use the NewAzureRmResource Group Deployment cmdlet using the newly created resource group.
2. Edit the parameters file and add a new parameter named location of type string with the default value of (resourceGroup().location).
3. Use the New-AzureRmResource Group cmdlet with the location parameter to create a resource group in the desired location. Then use the New-AzureRmResource GroupDeployment cmdlet using the newly created resource group.
4. Edit the template file and update each location parameter with the value [resource Group().location].

Q74.Your company requires all resources deployed in Azure to be assigned to a cost center,

You use a tag named CostCenter to assign each resource to the correct cost center. This tag has a set of valid values assigned.

Some of the resources deployed in your subscription already have a value assigned to the CostCenter tag.

You decide to deploy a subscription policy to verify that all resources in the subscription have a valid value assigned.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| Statement | Yes | No |
| The Deny effect is evaluated first. |  |  |
| The Append effect modifies the value of an existing field in a resource. |  |  |
| The Audit effect will create a warning event in the activity log for noncompliant resources. |  |  |
| The DeploylfNotExists effect is only evaluated if the request executed by the Resource Provider returns a success status code. |  |  |

Answers: No | No | Yes | Yes

Q75.You are the cloud operations lead for your company's Microsoft Azure subscription. Your team consists of eight administrators who co-manage all Azure-deployed resources.

The corporate governance team mandates that all future Azure resources be deployed only within certain regions.

You need to meet the compliance requirement.

Which Azure feature should you use?

Choose the correct answer

1. Role-Based Access Control (RBAC)
2. Azure Policy
3. Activity Log Analytics
4. Taxonomic tags

Q76.You have an Azure Active Directory (Azure AD) tenant named company.com

You need to create a new Azure AD user account for a new contract employee. The user has the email address jsmith@outlook.com, and she will retain this address throughout her employment.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| The jsmith user is an Azure AD Business to Business (B2B) collaboration user. |  |  |
| You can associate the jsmith user with the.company.com Azure AD domain suffix. |  |  |
| The user jsmith can consume Azure AD licenses. |  |  |

Answers: Yes | No | No

Q77.Your company has an Azure subscription with an Azure Active Directory (Azure AD) tenant. Your company wants to deploy a system that allows users to have a unified experience across all their Windows devices. The security policies of your company require that all user and application data must be encrypted before moving to the cloud and also be encrypted at rest when stored in the cloud.

All computers in your company runs different versions of Windows 7, Windows 8.1, and Windows 10. Your company has an Active Directory Domain Service (AD DS) domain on the local infrastructure. All the computers in the company are joined to the AD DS domain.

You need to deploy Enterprise State Roaming. Your solution needs to require the lowest possible costs.

Which two prerequisites do you need to meet before configuring Enterprise State Roaming? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Update all Windows 7 and Windows 8.1 computers to Windows 10,
2. Deploy Azure AD Connect.
3. Purchase Azure AD Premium P1 licenses.
4. Deploy Active Directory Federation Services (AD FS).
5. Purchase Azure AD Basic licenses.

Q78.You use an Azure Resource Manager (ARM) template to deploy a virtual network (VNet) that contains two Windows Server virtual machines (VMs).

You need to verify connectivity between the newly deployed VMs. Your tests include the following requirements:

\* Determine whether line-of-business (LOB) traffic is allowed between the VMs.

\* Isolate any network security group(s) that may block valid inter-VM network traffic.

\* Minimize cost, time, and troubleshooting complexity.

What should you do first?

**Choose the correct answer**

1. Run the Test-NetConnection PowerShell cmdlet from your administrative workstation.
2. Deploy the Network Performance Monitor (NPM) management solution.
3. Configure an Azure Automation runbook to perform a packet capture on the target VNet.
4. Enable Network Watcher in the target Azure region.

Q79.You configure Azure AD Connect to synchronize your on-premises Active Directory Domain Services (AD DS) domain with your Office 365 subscription. You enable the password hash synchronization feature. Then, you sync all user accounts that are assigned to an employee. You also configure group-based filtering.

A user indicates that she cannot log in to Office 365 applications. However, she is able to log in to Windows on company computers.

You need to troubleshoot the password synchronization process,

After some investigation, you realize that this user has been moved to another job position in the company.

What is the most likely cause of the login problem?

Choose the correct answer

1. The user object has been moved to another security group
2. You have configured the cloudFiltered attribute.
3. The user object has selected the User must change password at next logon setting.
4. The user object has been disabled.

Q80.Your Azure subscription has several virtual networks configured in several regions. Your on-premises infrastructure is based in Dublin, Ireland, and has four subnets configured.

You are experiencing some network performance issues in your on-premises infrastructure. You decide to use Network Performance Monitor for troubleshooting.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| Statement | Yes | No |
| You need to install the Log Analytics agent on all onpremises servers. |  |  |
| You can delete or modify the default network |  |  |
| You should keep the default monitoring rule enabled for large networks. |  |  |
| TCP is more accurate than ICMP for synthetic transactions. |  |  |

Answers: No | No | No | Yes

Q81.Your company plans to migrate several on-premises server platforms including Microsoft SharePoint Server and Microsoft Exchange Server to Microsoft Office 365. Some SharePoint Server sites will be retained in regular SharePoint Server farms but the user identities will be managed from Azure Active Directory (Azure AD).

You need to integrate your existing Active Directory Domain Services (AD DS) infrastructure with Azure AD and ensure that users can log in by using their existing AD DS accounts and passwords. AD DS administrators must be able to manage Azure AD using their traditional Windows Server AD Domain management tools like AD Users and Computers. Your company also wants to place custom company notifications and helpdesk information on the user login page for users connecting to Office 365.

Which three actions should you perform? Each correct answer presents part of the solution.

Choose the correct answers

1. Deploy Azure AD Connect on a stand-alone non-domain joined server
2. Deploy Azure AD Connect on a domain member server.
3. Deploy Active Directory Federation Services (ADFS).
4. Enable Azure AD Domain Services in the Azure Portal.
5. Configure Password sync on Azure AD Connect.

Q82.You need to deploy several virtual machines (VMs) in your Azure Subscription. All VMs will be deployed in the resource group RG01 based on an ARM template that is stored in GitHub.

You need to automate this operation.

Which two commands can you use? Each correct answer presents a complete solution

Choose the correct answers

1. az vm create
2. New-AzureRmResource Group Deployment
3. New-AzureRmVM
4. az group deployment create

Q83.You have a Microsoft Azure subscription with six virtual networks (VNets). The VNets have the following properties:

\* VNett: East US region

\* VNet2: East US region

\* VNet3: East US region

\* VNet4: West US region

\* VNet5: West US region

\* VNeto: West US region

You need to configure the VNets to support the following technical requirements:

\* Requirement 1: VNet1 must serve as a hub for VNet2 and VNet3. No data can flow between V Net2 and VNET3. Cost must be minimized.

\* Requirement 2: VNet3 and VNet 4 must support bi-directional name resolution

\* Requirement 3: VNet1 and VNeto must support bi-directional file transfer using IP addresses.

How should you meet the requirements? To answer, select the appropriate connectivity type for each technical requirement from the drop-down menus.

Choose the correct options

Requirement 1: Choose an item.

Requirement 2: Choose an item.

Requirement 3: Choose an item.

Answer: VNet peering

Answer: VNet-to-VNet VPN

Answer: VNet peering

Q84.Your company plans to migrate its on-premises SharePoint and Exchange solutions to Office 365. Your company has an Active Directory Domain Services (AD DS) domain configured as a single forest domain with more than 140,000 objects that need to be synced with Azure Active Directory (Azure AD).

You want to configure a solution that allow users to log into Office 365 applications without their password. Your company wants to deploy cloud-based two-factor authentication for some user profiles.

You configure an Office 365 tenant and verify the company's domain name. You need to deploy Azure AD Connect for the production environment.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

Create a list in the correct order

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Install SQL Server 2016 Express Edition on a separate server. | Install Windows Server 2012 R2 for installing Azure AD Connect. |
| Install Windows Server 2012 R2 for installing Azure AD Connect. | Install SQL Server 2016 Standard Edition on a separate server. |
| Run an express installation. | Run a custom installation. |
| Install SQL Server 2016 Standard Edition on a separate server. | Enable pass-through authentication |
| Enable password hash synchronization. |  |
| Run a custom installation. |  |
| Install Windows Server 2008 R2 for installing Azure AD Connect. |  |
| Enable pass-through authentication |  |

Q85.You are configuring a Network Security Group (NSG) to allow only Remote Desktop Connections and HTTP traffic from the internet. This NSG will be created for reuse on multiple virtual network (VNet) subnets within the same Azure subscription.

You need to complete the PowerShell cmdlets.

How should you complete the cmdlets? To answer, select the appropriate options from the drop-down menus.

Choose the correct options

$rule 1 = Choose an item. -Name rdp-Description "Allow RDP" -Access Allow

-Protocol Top-Direction Inbound -Priority 100 -SourceAddressPrefix Internet - SourcePortRange"

-DestinationAddressPrefix\* -DestinationPortRange 3389

$rule2 = Choose an item. -Name web-Description "Allow HTTP" Access Allow Protocol Top-Direction Inbound Priority 101 SourceAddressPrefix Internet - SourcePortRange -Destination AddressPrefix\* -DestinationPortRange 80

$nsg - Choose an item. -ResourceGroupName TestRG - Location eastus

-Name "NSG-FrontEnd"-SecurityRules $rule 1, $rule2

Answer: New-Azure RMNetwork SecurityRuleConfig

Answer: New-Azure RMNetwork SecurityRuleConfig

Answer: New-Azure Network Security Group

Q86.Your company's Azure environment consists of the following resources:

\* 4 virtual networks (VNets)

\* 48 Windows Server and Linux virtual machines (VMs)

\*6 general purpose storage accounts

You need to design a universal monitoring solution that enables you to query across all diagnostic and telemetry data emitted by your resources.

What should you do first?

Choose the correct answer

1. Install the Microsoft Monitoring Agent.
2. Create a Log Analytics workspace.
3. Enable Network Watcher.
4. Activate resource diagnostic settings.

Q87.Your company has an Azure Active Directory (Azure AD) tenant federated with its on-premises Active Directory Domain Services (AD DS) domain. This domain is named companyes.com

Your company recently purchased another company named CompanyBD. CompanyBD has its own AD DS domain named companybd.net. This domain is not federated with an Azure AD tenant

You need to integrate the companybd.net domain with your Azure AD tenant. You decide to federace this new domain

You add and sync the domain with your Azure AD tenant.

You attempt to federate the companybd.net domain with Azure AD by using the following cmdlet:

Convert.MsolDomainto Federated-Domain Name companybd.net

You get the following error:

Convert MsolDomainto Federated: The federation service identifier specified in the Active Directory Federation Services 2.0 server is already in use. Please correct this value in the AD FS 2.0 Management console and run the command again

What is the most likely reason for getting this error?

Choose the correct answer

1. The value for the issuerUri parameter is adfs.companybd.net
2. The value for the issuerUri parameter is companyes.com
3. The value for the Issuer Uri parameter is adfs.companyes.com
4. The value for the issueruri parameter is companybd.net

Q88.You are the administrator for your Azure subscription. Your company hires a new cloud engineer.

You need to grant privileges to this new cloud engineer to allow him to manage access to Azure resources. You need to follow the principle of least privilege.

Which role should you assign to the new engineer?

Choose the correct answer

1. User Administrator
2. Contributor
3. Owner
4. User Access Administrator
5. Co-Administrator

Q89.Your company has an Azure subscription configured with an Azure Active Directory (Azure AD) tenant. This tenant is used for managing user information. Your company has also a line-of-business (LOB) application that uses the Azure AD tenant for getting information from users.

You are asked to update the mobile attribute of all tenant users.

You need to perform this task using the least administrative effort.

What should you do?

Choose the correct answer

1. Use the Set-Azure ADUser cmdlet.
2. Use the Set-MsolUser cmdlet.
3. Use the Invoke-RestMethod cmdlet to call the Graph API.
4. Use the Set-ADUser cmdlet.

Q90.One of your colleagues used Azure AD Connect to synchronize all Active Directory domain user and group accounts to your Azure Active Directory (Azure AD) tenant. As a result, authorized domain users have single sign-on (SSO) access to internally developed software-as-a-service (SaaS) apps that rely on Azure AD authentication.

You need to reconfigure directory synchronization to exclude domain service accounts and user identities that should not have access to the SaaS application.

What should you do?

Choose the correct answer

1. Stop the synchronization service.
2. Run the Synchronization Rules Editor.
3. Re-run Azure AD Connect.
4. Configure conditional access in Azure AD.

Q91.You have 20 Azure subscriptions. All subscriptions are linked to the same Azure Active Directory (Azure AD) tenant named company.com.

You plan to generate detailed usage and spend reports across all Azure subscriptions

You need to incorporate resource optimization suggestions into your reports.

What should you do?

Choose the correct answer

1. Use Cloudyn reports.
2. Create a Stream Analytics job in the Azure portal.
3. Run interactive queries in Azure Log Analytics.
4. Design metrics charts in Azure Monitor.

Q92.You deploy virtual machines (VMs) in your Azure subscription. The VMs are connected to different virtual networks (V Nets). You configure custom filtering rules on the VNets. Communication between the VMs is working correctly.

You deploy an additional VM named VM01 in a new VNet named VNet01. This new VM is experiencing some connectivity issues. You decide to use Network Watcher to troubleshoot the connectivity issues.

You need to determine which filtering rule is causing the issue.

Which two cmdlets should you use? Each correct answer presents part of the solution.

Choose the correct answers

1. Test-AzNetworkWatcherNextHop
2. Test-AzNetworkWatcherConnectivity
3. Get-AzNetworkSecurity Group
4. Get-AzEffectiveNetworkSecurity Group
5. Test-AzNetworkWatcherlPFlow

Q93.You deploy an application in a resource group named App-RG01 in your Azure subscription.

App-RG01 contains the following components:

\* Two App Services, each with an SSL certificate

\* A peered virtual network (VNet)

\* Redis cache deployed in the VNet

\* Standard Load Balancer

You need to move all resources in App-RG01 to a new resource group named App-RGO2.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| You need to delete the SSL certificate from each App Service before moving it to the new resource group. |  |  |
| You can move the Load Balancer only within the same subscription. |  |  |
| You need to disable the peer before moving the VNet. |  |  |
| You can move the VNet only within the same subscription. |  |  |

Answers: Yes | No | Yes | Yes

Q94.Your Azure subscription has the following resources:

\* three App Services

\* one backup vault

\* one Azure event hub

\* a virtual network named VNETO

\* a VPN Gateway

You deploy a new storage account named storage in a resource group named RG01.

You need to ensure that the App Services, the backup vault, and the event hub can access this new storage account

You decide to use PowerShell to set up the new storage account.

How should you complete the command string? To answer, select the appropriate options from the dropdown menus

Choose the correct options

Get-AzureRm Virtual Network - ResourceGroupName "RG01" -Name VNET01"

             Set-AzureRmVirtual NetworkSubnetConfig -Name ‘'VSUBNETO1"

              -Address Prefix"10.0.0.0/24"-Service Endpoint’’ Choose an item.

|Set-AzureRm VirtualNetwork

Ssubnet - Get-AzureRmVirtual Network - ResourceGroupName" "RG01 -Name "VNET01"

Get-AzureRmVirtual Network SubnetConfig -Name‘’VSUBNETO1’’

Choose an item. - ResourceGroupName"VNET01"

-Name "STORAGE01" - VirtualNetworkResourceld $subnet.id

Choose an item. - ResourceGroupName "RG01"

-Name "STORAGE01"-Bypass Choose an item.

**Que 95.**

You have an Azure resource group named RG1. RG1 contains a Windows Server virtual machine (VM) named VM1.

You plan to use Azure Monitor to configure an alert rule for VM1.

You need to configure an alert that notifies you whenever the VM is restarted.

What should you do?

**Choose the correct answer -**

1. Define a metric-based alert condition.
2. Define an action group with an ITSM action type.
3. Define an action group with a webhook action type.
4. **Define an Activity Log alert condition.**

**Que 96.**

You use Azure VM Backup to back up all Windows Server and Linux VMs in Azure to a Recovery Services vault.

One of your colleagues informs you that he accidentally deleted crop-archive-VM 1. You inspect Azure Monitor and verify that the server has been backed up every night for the past two months even though it has been powered off the entire time.

You need to restore the VM to its original location as quickly as possible.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers :**

1. **Restore Corp-archive-VM 1 by creating a new VM.**
2. Restore the Corp-archive-VM 1 disks and ARM template and redeploy the VM using Azure PowerShell
3. Select the most recent application consistent restore point.
4. **Select the most recent crash-consistent restore point**

**Que 97.**

Your company is planning to move some virtual machines (VMs) from their on-premises datacentre to an Azure subscription.

Company employees need to access these VMs from three different sites. Each site has a 200 Mbps Internet connection.

Up to 150 employees also need access to these VMs from different locations while they are traveling.

You decide to configure a VPN to allow connectivity with the VMs. You are planning to select the correct number and size of VPN gateways.

You need to ensure that all employees have enough bandwidth to connect to the VMs. Your solution needs to be cost-effective and require the least administrative effort.

How many VPN gateways of which size should you use?

**Choose the correct answer –**

1. Six Basic SKU VPN Gateways
2. **One VpnGw2 SKU VPN Gateway**
3. Two VpnGw1 SKU VPN Gateways
4. One VpnGw1 SKU VPN Gateway
5. One VpnGw3 SKU VPN Gateway

**Que 98.**

You have an Azure App Service named App1 located in the West US region. The web app includes 10 MB of static content.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible action** | **Actions in order** |
| Add a Traffic Manager endpoint. | Create an Azure CDN profile. |
| Create a Traffic Manager profile. | Define an Azure CDN endpoint. |
| Enable Traffic Analytics. | Associate a custom domain. |
| Create an Azure CDN profile. |  |
| Define an Azure CDN endpoint. |  |
| Associate a custom domain. |  |

**Que 99.**

You have a Microsoft Azure subscription named Sub1. Sub1 is associated with an Azure Active Directory (Azure AD) Basic edition tenant named company.com. The tenant contains 200 user accounts.

You need to enforce multi-factor authentication (MFA) for all Azure AD users. Your solution must meet the following requirements:

\* MFA should be required only for high-security cloud applications.

\* Cost must be minimized.

Which three action should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order :**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Deploy Azure MFA Server. | Upgrade to Azure AD Premium P1. |
| Specify a new Condition assignment | Create a conditional access policy. |
| Create a conditional access policy | Specify a new Grant access control. |
| Upgrade to Azure AD Premium P1. |  |
| Specify a new Grant access control. |  |
| Configure trusted IPs. |  |
| Upgrade to Azure AD Premium P2. |  |

**Que 100.**

You are asked to create a new set of Azure Active Directory (Azure AD) security groups that represent the entire hierarchy of a manager's team. This is to include people managed by the manager but not people managed by the manager's own team. For example, If Bob manages Tom and Tom manages Fred. The group must include Tom but not Fred. The group should also update dynamically as people change managers over time.

You need to implement the request using the least amount of administrative effort.

What should you do?

**Choose the correct answer:**

1. Construct dynamic groups in Azure AD using a ruleset that includes the Manager-ID property.
2. Create multiple Azure AD groups and add the members with the same Manager-ID attribute value to each group
3. **Create new groups using the Direct Reports rule.**
4. Create new Azure AD groups for each manager and use a custom script to detect Manager-ID attribute changes and modify the group membership accordingly.

**Que 101.**

You have a virtual machine (VM) named VM1 running in your Microsoft Azure subscription. You back up VM1 to a Recovery Services vault every morning at 1:00 A.M.

You need to recover 14 files that were accidentally deleted from the running VM the previous day.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order :**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Commit the recovery point. | Start Azure File Recovery. |
| Initiate a test failover. | Mount the VHDs as local drives. |
| Start Azure File Recovery. | Transfer the 14 files. |
| Transfer the 14 files. | Close the connection. |
| Mount the VHDs as local drives. |  |
| Start Azure Site Recovery |  |
| Close the connection. |  |

**Que 101**.

You implement Azure Active Directory (Azure AD) Connect to synchronize your on premises Active Directory objects to Azure AD. You discover that the Domain Users group is not available for assigning permissions to applications in Azure.

You need to resolve the issue using the least administrative effort.

What should you do?

**Choose the correct answer :**

1. Modify the Is Critical System Object property of the group to False.
2. Set the reps To property on the Domain Users group to the Azure AD Tenant ID.
3. Move the Domain Users group to an Organizational Unit in Active Directory that is configured for synchronization.
4. Create a new Active Directory group and add all domain users to the group. Synchronize this group with Azure AD.

**Que 102.**

You are the global administrator for the following Azure subscriptions in your company

00000000-0000-0000-000000000000

11111111-1111-1111-111111111111

The company hires a new network engineer

You need to grant this network engineer the required privileges to manage network-related resources in each subscription. You decide to create a custom role definition using a JSON template.

You need to set the Assignable Scopes property. You need to ensure that your solution requires the least administrative effort.

Which scope should you use?

**Choose the correct answer**

1. “/”
2. "/subscriptions/00000000-0000-0000-000000000000",

"/subscriptions/11111111-1111-1111-111111111111"

1. "/subscriptions/00000000-0000-0000000000000000/resourceGroups/Network providers/Microsoft. Network/virtual Networks/VNET/subnets/default", "/subscriptions/11111111-1111-1111-111111111111/resource Groups/Network providers/Microsoft. Network/Virtual Networks/VNET/subnets/default"
2. "/subscriptions/00000000-0000-0000-000000000000/resource Groups/Network". "/subscriptions/11111111-1111-1111-111111111111/resource Groups/Network

**Que 103.**

You are asked to connect a virtual network (VNet) to a private DNS zone to support new application namespaces in the new private zone. The VNet already has virtual machines (VMs) assigned to it and has existing private DNS zones assigned.

You need to complete this task.

What should you do first?

**Choose the correct answer:**

1. Set the existing VMs to support the new DNS zone via the Windows Server IP Configuration DNS settings app.
2. Remove the existing VMs from the VNet.
3. Set up a new VNet, assign the private DNS zone to this VNet, and move the existing VMs to it.
4. **Add the new private DNS zone to the existing VNet.**

**Que 104.**

Your company has several applications deployed in Azure in different types of resources. Your company's main office is connected to its Azure subscription by a single site-to-site Azure VPN

Your company requires the connection with the Azure subscription to be highly available. You need to provide the most reliable solution.

What three actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers :**

1. Add a public IP address and gateway IP address configuration to the existing gateway.
2. Purchase a new on-premises firewall.
3. Create a VPN tunnel between each on-premises firewall and each VPN public IP address.
4. Create two new VPN Gateways with one public IP address each.
5. Create a new VPN Gateway with two public IP addresses.
6. Create a VPN tunnel between each on-premises firewall and each VPN Gateway.
7. Create two VPN tunnels between one on-premises firewall and one VPN public IP address.

**Que 105.**

You are the administrator for an Azure Subscription and an on-premises infrastructure. You deploy some virtual machines and a virtual network (VNet) in Azure.

You need to connect your on-premises network with the Azure VNet. You decide to configure a site-to-site VPN.

For each of the following statements, select Yes if the statement is true.

Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| By default, site-to-site (S2S) VPNs are configured in an Active-Standby high availability configuration. |  |  |
| You can deploy two on-premises VPN devices pointing to the same Azure VPN gateway. |  |  |
| The minimum configuration required for Active-Active configuration is two Azure VPN gateways and two on-premises VPN devices. |  |  |
| You can deploy a VNet-to-VNet VPN in an Active-Active configuration |  |  |

Answers: Yes | Yes | No | Yes

**Que 106**.

You deploy several virtual machines for different purposes. You deploy Network Watcher in the East US region.

You see some odd traffic on a virtual machine named VM01. This machine is making connections to an unknown SFTP service.

You need to configure a filter for capturing those packages for the unknown SFTP service. You decide to use PowerShell for this task.

How should you complete the PowerShell script? To answer, select the appropriate options from the dropdown menus.

**Choose the correct options**

$res = Get-AzurermResource Where {$\_ Resource Type -eq Choose an item.

-and $\_.Location -eq "EastUS" }

$networkWatcher = Get-AzureRmNetworkWatcher -Name Sres.Name

-ResourceGroupName $res.ResourceGroupName

$diagnosticSA = Get-AzureRmStorageAccount - ResourceGroupName Diagnostics-RG

-Name "Diagnostics-Storage"

$filter 1 = New-AzureRmPacketCapture FilterConfig -Protocol TCP

-RemotelPAddress Choose an item.

-LocalIPAddress "10.0.0.3-LocalPort Choose an item.

-RemotePort Choose an item.

Choose an item. **Network Watcher $networkWatcher**

**-TargetVirtual Machineld $vm.Id**

**-PacketCaptureName "Capture SFTP Traffic" -StorageAccountld $diagnostic SA.id**

**-TimeLimitinSeconds 60 -Filter $filter**

**ANS:**

**“**Microsoft.Networknetwork Watchers” | “1.1.1.1-255.255.255.255” | “1-65535” |

“22” | “New AzureRmNetwork WatcherPacketCapture”

**Que 107.**

Your company has an application deployed on Azure Linux virtual machines (VMs). The application is distributed on three different layers using the following structure:

\* A VM named FRONTO1 for the frontend layer

\* A VM named BACK01 for the backend layer

\*An Azure SOL Database Instance for the data layer

All resources for this application are deployed in the resource group APPO1-RG. All VMs have unmanaged VHDs attached.

You plan to deploy a new version of the application to provide high availability on the frontend and backend layers. You will deploy this new infrastructure in the resource group APPO2-RG

You need to create a VHD template for the frontend layer using the current application Infrastructure. You can schedule a stop of the application as needed. The VMs only contain the user that was created during the initial deployment of the VM. You also need to ensure that you remove the last provisioned user on the VMs. You decide to use Azure CLI to accomplish this task.

Which four commands should you run in sequence? To answer, move the appropriate commands from the list of possible commands to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| Possible commands | Commands in order |
| sudo waagent-deprovision+user | sudo waagent-deprovisiont+user |
| image create Oure APP01-RG-name FRONT\_TEMPLATE -source FRONT01 | az vm deallocate --resource-group APP01-RG-name FRONTO1 |
| sudo waagent -deprovision | az um generalize-resource group APPORG-name FRONTO1 |
| az um generalize-resource group APPORG-name FRONTOI | az vm capture-resource-group APP01RG-name FRONT01 -vhd-name-prefix TEMPLATE |
| az vm deallocate resource-group APP01-RG-name FRONTO YOUP |  |
| az vm capture-resource-group APP01RG-name FRONT01 -vhd-nameprefix TEMPLATE |  |
| az vm update -resource-group APP01RG-name FRONT01 |  |

**Que 108.**

You perform a lift and shift migration of several Windows Servers to Azure Infrastructure as a Service (laas).

You need to configure the servers to support Azure Backup.

What are two ways of achieving your goal? Each correct answer presents a complete solution.

**Choose the correct answers**

1. Execute the Backup-AzureRmBackupltem PowerShell cmdlet.
2. Enable Backup via the Backup Blade in the Azure VM Configuration Panel.
3. Install the Azure VM Backup Agent on the migrated VMS.
4. Install the Azure VM Agent on the migrated VMS.

**Que 109.**

Your company is planning to deploy a new application in its Azure subscription. You are asked to configure the required infrastructure for the new application

The new application must be deployed in a layered Infrastructure. This Infrastructure consists of the following layers

frontend servers \* backend servers

database

The frontend and backend layers will use virtual machines (VMS). The database layer will be deployed using Azure SOL Databases

You start configuring the networking infrastructure. You need to ensure that you can apply security filtering on each layer Independently. Your solution should require the minimum administrative effort.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Create three subnets | Create a resource group. |
| Create a single virtual network (Net). | Create a single virtual network (Net). |
| Configure peering on each virtual network (Net) | Create two subnets. |
| Create a resource group. | Enable service endpoints for the virtual network (VNet). |
| Enable service endpoints for the virtual network (VNet). | Enable service endpoints for the subnets |
| Create two subnets. |  |
| Create a virtual network (VNet) for each |  |
| Enable service endpoints for the subnets |  |

**Que 110.**

Your company has an application based on a three layers architecture.

You configure Standard Load Balancer for each layer. The load balancer for the front-end layer is named Fronti.B01. You configure a backend pool with 40 virtual machines for FrontLB01. You also configure a single static public IP for FrontLB01

VMs in the backend pool of FrontL301 need to connect to an external resource using TCP connections.

After a peak of use of the application you decide to increase the FrontLB01 backend pool size from 40 to 60 VMS.

You notice that some connections from the FrontL301 backend pool to the external resource are failing. This issue is causing random application failures.

You need to solve the connection issues from the FrontLB01 backend pool VMs to the external resource.

What are two possible ways to achieve your goal? Each correct answer presents a complete solution.

**Choose the correct answers**

1. Configure an NSG rule and deny outbound UDP traffic.
2. Add an additional static public IP address
3. Configure a load balancing rule for TCP.
4. Change the outbound idle timeout
5. Configure a TCP keepalive on backend pool VMS.

**Que 111.**

Your company has an Azure subscription with some virtual machines (VMs) deployed. One of these VMs is used by the development team for testing purposes.

You receive a call from the development team stating that they are not able to access the VM. After doing some troubleshooting and resetting the Remote Desktop Protocol (RDP) configuration, you decide to redeploy the VM.

You need to use PowerShell to redeploy the VM.

Which cmdlet should you use?

**Choose the correct answer**

1. New-AzureRmVMConfig
2. Restart-AzureRmVM
3. Set-AzureRmVM
4. Update-AzureRmVM
5. Remove-AzureRmVM

**Que 112.**

You are the owner of your organization's Microsoft Azure subscription. You hire a new administrator to help you manage a virtual network that contains nine Windows Server virtual machines (VMs). The deployment is contained in a resource group named prod-rg.

You need to provide the administrator with least-privilege access only to the prod-rg resource group. The administrator should be allowed to manage all aspects of the Azure VMs. Your solution should minimize management effort.

What should you do?

**Choose the correct answer**

1. Assign the administrator to the Virtual Machine Operator role at the virtual machine scope.
2. Assign the Allowed virtual machine SKUs Azure Policy at the resource group scope.
3. **Assign the administrator to the Contributor role at the resource group scope.**
4. Assign a custom Azure Policy at the management group scope.

**Que 113.**

Your company has an Azure subscription that hosts all services that the company uses in production. The Finance department notices that the bills related to Azure are increasing. The company wants to keep the costs of this Azure subscription under control

After reviewing the cost analysis reports, you realize that there are several virtual machines that are consuming more resources than expected.

You need to inform management when the spend for these resources is unusual.

What should you do?

**Choose the correct answer**

1. Configure the PowerBl content pack for Azure Enterprise.
2. **Configure a report schedule in the Cost Management** portal
3. Configure a billing alert in the subscription page of the account portal.
4. Use the costs-by-service blade in the cost analysis section of the subscription

**Que 114.**

You have a Microsoft Azure subscription named Sub1.

You deploy a Windows Server 2016 virtual machine (VM) named VM1 to Sub1.

You need to change the availability set assignment for VM1.

What should you do?

**Choose the correct answer**

1. Migrate VM1 to another Azure region.
2. Assign VM1 to the new availability set.
3. Move VM1 to a different availability zone.
4. **Redeploy VM1 from a recovery point.**

**Que 115.**

You use taxonomic tags to logically organize resources and to make billing reporting easier.

You use Azure PowerShell to append an additional tag on a storage account named corpstorage99. The code is as follows:

$r = Get-AzureRm Resource - ResourceName "corpstorage99"-ResourceGroupName "prod-rg" Set-AzureRm Resource -Tag @{Dept="IT"} -Resourceld Sr. Resourceld-Force

The code returns unexpected results.

You need to append the additional tag as quickly as possible.

What should you do?

**Choose the correct answer**

1. **Call the Add () method on the resource to append the new tag.**
2. Refactor the code by using the Azure Command-Line Interface (CLI).
3. Assign the Enforce tag and its value Azure Policy to the resource group.
4. Deploy the tag by using an Azure Resource Manager template.

**Que 116.**

You hire another administrator who will be responsible for managing all infrastructure-as-a-service (IaaS) deployments in your Azure subscription.

You create a new Azure Active Directory (Azure AD) user account for the new hire. You need to configure the new user account to meet the following requirements:

\* Read/write access to all Azure laas deployments \* Read-only access to Azure AD \* No access to Azure subscription metadata

Your solution must also minimize your access maintenance in the future.

What should you do?

**Choose the correct answer**

1. Assign the user the Virtual Machine Operator role at the subscription level.
2. **Assign the user the Contributor role at the resource group level.**
3. Assign the user the Owner role at the resource level.
4. Assign the user the Global administrator directory role.

**Que 117.**

You are using Azure Backup to leverage policy-based backups of Azure VMs. You discover that one of the policies needs to be modified.

You need to update the retention policy to be 35 days.

How should you complete the Azure Script snippet? To answer, select the appropriate options from the drop-down menus.

**Choose the correct options**

$SchPol = Choose an item. -WorkloadType "Azure VM

$SchPol. ScheduleRunTimes RemoveAll

$DT = Get-Date

$SchPol.ScheduleRunTimes.Add(SDT. TOUniversal Time())

$RetPol = Choose an item. Choose an item. "Azurevm

$RetPol.DailySchedule. DurationCountinDays = 365

$Pol = Choose an item. Name "NewPolicy

Choose an item. Policy $Pol-Schedule Policy $SchPol-Retention Policy $RetPol

**ANSWERS:**

AzuremRecovery ServicesBackupSchedulePolicyObject | GetAzuremRecoveryServicesBackup RetentionPolicyObject | WorkloadType | GetAzuraRmRucaveryServicesBackupProtectionPalicy | SetAzureRmRecoveryServicesBackupProtectionPolicy

**Que 118.**

You are the administrator of your Azure and Office 365 subscription. Your company has 470 employees.

Your company is increasing its security requirements. You are asked to implement multi-factor authentication (MFA) for all users in the company.

You need to ensure that any non-browser-based application continues working after enabling MFA. You need to use a solution that requires the least administrative effort.

What two actions should you perform? Each correct answer presents a complete solution.

**Choose the correct answers**

1. **In the Azure Portal, use the bulk update button and set the status to Enabled for all users.**
2. In the Azure Portal, use the bulk update button and set the status to Enforced for all users.
3. **Use the Set-Msol User PowerShell cmdlet to set the Strong Authentication Requirement. Status attribute to Enabled**.
4. Use the Set-Msol User PowerShell cmdlet to set the Strong Authentication Requirement. Status attribute to Enforced.

**Que 119.**

One of your colleagues deployed a new virtual network (VNet) named Corp-VNet that has the following properties:

\* Address range: 172.16.0.0/16

\* Front-end subnet: 172.16.2.0/24

\* Mid-tier subnet: 172.16.3.0/24

\* Back-end subnet: 172.16.4.0/24

To avoid a conflict with your on-premises IPv4 address space, you need to change the Corp-VNet.

address space to 192.168.0.0/16 and redefine the subnet IDs immediately, before your colleague attempts to migrate virtual machines (VMs) to the new VNet.

What should you do?

**Choose the correct answer**

1. **Remove and redeploy Corp-VNet.**
2. Delete the three subnet resources from Corp-VNet.
3. Edit the Corp-VNet address range to 192.168.0.0/16.
4. Add the 192.168.0.0/16 address space to Corp-VNet.

**Que 120.**

You have a Microsoft Azure subscription that has four virtual machines (VMs) located in the East US region.

You configure the four VMs identically to act as web servers.

You need to ensure that traffic is distributed equally across the four web servers. You also need to protect the web servers against the most common web application security risks. Your solution must minimize expense.

What should you do?

**Choose the correct answer**

1. Deploy an Azure Content Delivery Network (CDN) profile.
2. Deploy a Traffic Manager profile.
3. **Deploy Azure Application Gateway.**
4. Deploy a virtual machine scale set.

**Que 121.**

Your company is developing a .NET application that stores part of the information in an Azure Storage Account. The application will be installed on end user computers.

You need to ensure that the information stored in the Storage Account is accessed in a secure way. You ask the developers to use a shared access signature (SAS) when accessing the information in the Storage Account. You need to make required configurations on the storage account to follow security best practices.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| You need to configure a stored access policy |  |  |
| You should set the SAS start time to now |  |  |
| You should validate data written using SAS. |  |  |
| One option for revoking a SAS is by deleting a stored access policy |  |  |

Answers: Yes | No | Yes | Yes

**Que 122.**

Your company has several Azure subscriptions assigned to different departments. You configure a management group to group the subscriptions that pertain to the same department. You also configure a management group for the organization. This management group contains all other department groups.

Your company hires two new cloud engineers. You need to delegate privileges to these new cloud engineers. You decide to create a custom role to delegate the correct permissions to the new engineers.

You need to apply this the new role at the correct level. You need to ensure that you apply this new role with the least administrative effort.

What should you do?

**Choose the correct answer**

1. **Apply the custom role in each subscription.**
2. Apply the custom role in each department management group.
3. Apply the custom role in each resource group in each subscription.
4. Apply the custom role at the organization management group level.

**Que 123**

You deploy Azure Recovery Services in your Azure Subscription. You are making a backup of all the virtual machines (VMs) in this subscription.

Some of the VMs in the subscription were deployed using custom images. You also have encrypted VMs.

Due to your company's disaster recovery plan, you need to be able to recover VMs.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| You can use the replace existing option with encrypted VMS. |  |  |
| When you restore a VM, you can customize the VM configuration using PowerShell |  |  |
| You can only restore VMs that have a single NIC. |  |  |
| Restoring VMs created using custom images using the replace existing option is unsupported. |  |  |

Answers: No | Yes | No | Yes

**Que 124**

You have an Azure Active Directory (Azure AD) tenant named company.com.

You need to disable password expiration for all service principal identities in your directory. These account names all begin with "svc." You decide to use Azure PowerShell to accomplish this task.

How should you complete the command? To answer, select the appropriate options from the drop-down menus.

**Choose the correct options**

Choose an item. Choose an item. 'svc' !

Choose an item. Password Policies Disable Password Expiration

**ANSWER**

Get AzureADUser | SearchString | Set AzureADUser

**Que 125**

You host a line-of-business (LOB) web application in a virtual network (VNet) in Azure. A site-to-site virtual private network (S25 VPN) connection links your on-premises environment with the Azure VNet.

You plan to use a network security group (NSG) to restrict inbound traffic into the VNet to the following IPv4 address ranges:

\* 192.168.2.0/24

\* 192.168.4.0/24

\* 192.168.8.0/24

Your solution must meet the following technical requirements:

\* Limit rule scope only to the three IPv4 address ranges.

\* Minimize the number of NSG rules.

\* Minimize future administrative maintenance effort.

What should you do?

**Choose the correct answer**

1. Define an NSG rule that includes the Virtual Network service tag.
2. Define an application security group (ASG) that includes the three IPv4 address ranges.
3. **Pass the three IPv4 address ranges into the NSG rule as a comma-separated list.**
4. Pass the IPv4 address range 192.168.0.0/22 into the NSG rule.

**Que 126.**

Your company has an Azure subscription that hosts virtual machines (VMs) that run the company applications. Your company also has three branch offices named BO-01, BO-02, and BO-03. The company headquarters, called HQ, are distributed between the United States and Europe.

All resources hosted in Azure are connected to the same virtual network named VNet01.

You configure a site-to-site (S25) VPN between each office and VNet01.

Some users from different offices report connectivity issues with the applications in V Net01. All users in the offices use Windows 10.

You need to troubleshoot these connectivity issues. You decide to use the Network Performance Monitor (NPM).

**For each of the following statements, select Yes if the statement is true. Otherwise, select No.**

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| You need to deploy the NPM on all the office computers. |  |  |
| You need to use the ICMP protocol |  |  |
| You need to create custom monitoring rules. |  |  |
| You need to allow communication through TCP port 8084 in the company firewalls. |  |  |
| The results from the ICMP protocol are more accurate than the results from the TCP protocol. |  |  |

Answers: No | Yes | Yes | No | No

**Que 127.**

Your company has a Windows Server 2012 R2 Standard Edition file server that stores important information. The information is stored in a separate volume from the system volume. To improve security, the volume that stores corporate information is encrypted using BitLocker.

Your company wants to centralize the storage of information and improve flexibility accessing the information. You decide to use Azure File Sync to achieve this goal.

You configure an Azure File share and the appropriate firewall rules to allow access from your company offices.

After configuring the Sync group, you receive an error about the cloud endpoint creation.

What is the most likely cause of the error?

**Choose the correct answer**

1. **You are using firewall rules in the storage account.**
2. You forgot to register the file server with Azure File Sync.
3. You are trying to sync an encrypted volume.
4. Windows Server 2012 R2 Standard Edition is not supported by the Azure File Sync service.

**Que 128.**

Your company's local environment consists of a single Active Directory Domain Services (AD DS) domain.

You plan to offer your users single sign-on (SSO) access to Azure-hosted software-as-a-service (SaaS) applications that use Azure Active Directory (Azure AD) authentication. The tenant's current domain name is companycom.onmicrosoft.com.

You need to configure Azure AD to use company.com, the organization's owned public domain name.

What should you do?

**Choose the correct answer**

1. Remove the companycom.onmicrosoft.com domain name from the Azure AD tenant.
2. Run Azure AD Connect from a domain member server and specify the custom installation

option.

1. Add a company.com user principal name (UPN) suffix to the ADDS domain.
2. **Add a DNS verification record at the domain registrar.**

**Que 129.**

Your company is planning to move a large amount of data from its on-premises storage solution to Azure Blob Storage in an Azure Storage Account.

You decide to use the Azure Import/Export service to migrate the data.

You need to prepare the disks for copying the data that will be migrated to Azure.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Create a volume and encrypt it by using dm-crypt | Purchase 2.5-inch SAS hard disk drives |
| Purchase 2.5-inch SAS hard disk drives | Connect the disks to a Windows machine. |
| Prepare the import by using the WalmportExportv1 tool. | . Create a volume and encrypt it by using BitLocker |
| Prepare the import by using the WalmportExportv2 tool. | Prepare the import by using the WalmportExportv2 tool. |
| Create a volume and encrypt it by using BitLocker. |  |
| Purchase 2.5-inch SATA hard disk drives |  |
| Connect the disks to a Windows machine. |  |
| Connect the disks to a Linux machine. |  |

**Que 130.**

Your company's Azure environment consists of two virtual networks (VNet’s) arranged in the following topology:

\* prod-VNet: 9 virtual machines (VMs) \* dev- VNet: 9 virtual machines (VMs)

The VMs in the prod- VNet should run continuously. The VMs in dev- VNet are used only between 7:00 A.M. and 7:00 P.M. local time.

You need to automate the shutdown and start-up of the dev- VNet VMs to reduce the organization's monthly Azure spend.

Which Azure feature should you use?

**Choose the correct answer**

1. Azure Auto-Shutdown
2. Azure Automation Desired State Configuration (DSC)
3. **Azure Automation runbook**
4. Azure Change Tracking

**Que 131.**

Your company has an Office 365 tenant for communications and collaboration. The company has also an Azure subscription with an Azure Active Directory (Azure AD) Premium tenant. The company also has an on-premises Active Directory Domain Services (AD DS) domain.

The security policies of your company allow access to cloud applications from employee-owned devices. The security policies require that access to any Office 365 application from a mobile device be limited to users who have enrolled and registered their devices in the corporate Azure AD tenant. The policy applies only to iOS or Android devices.

You need create a conditional access policy to implement the security policy for Microsoft Office 365 Exchange Online to meet the requirements

Which four conditions should you configure? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Require device to be marked as compliant
2. **Device platform**
3. **Cloud apps**
4. Sign-in risk
5. **Client apps**
6. Device state
7. Location
8. **Users and groups**
9. Require approved client app

**Que 132.**

You are preparing to export data from an Azure blob store that is used for archival purposes by your company. You are planning to use WAImportExport.exe with an xml input file to perform this export.

You are configuring the XML file specifying the data paths to use. This file will configure the export job to control the data exported. Your file currently looks like this:

<?xml version="1.0" encoding="utf-8"?>

<BlobList>

<BlobPath>pictures/animals/kangaroo.jpg</BlobPath>

<BlobPathPrefix>/vhds/</BlobPathPrefix >

<BlobPathPrefix>/movies/dramas</BlobPathPrefix>

</BlobList>

What will be exported based on the current XML file?

**For each of the following statements, select Yes if the statement is true. Otherwise, select No.**

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| The file kangaroo.jpg will be exported. |  |  |
| Everything in the vhds folder will be exported. |  |  |
| Everything in the dramas folder will be exported. |  |  |
| Files in the vhds folder but not the subfolders will be exported. |  |  |
| Everything in the movies folder beginning with dramas will be exported. |  |  |

Answers: Yes | Yes | No | No | Yes

**Que 133.**

You have a Microsoft Azure subscription that contains a storage account.

Your on-premises environment includes six file servers that host a total of 12 file shares. These file shares are consolidated in a Distributed File System Replication (DFS-R) configuration.

You plan to deploy Azure File Sync to centralize the distributed file shares in Azure and to enable cloud tiering. You configure Azure File Sync as follows:

\* Two Storage Sync Service instances with 6 file servers in each instance

\* Four Sync Groups \* Two cloud endpoints

**For each of the following statements, select Yes if the statement is true. Otherwise, select No.**

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| All servers in the topology can sync with each other. |  |  |
| The topology requires six registered servers. |  |  |
| You need to decommission the DFS-R environment before enabling Azure File Sync. Yes |  |  |

Answers: No | Yes | No

**Que 134.**

Your company deploys a line-of-business (LOB) application. This application is installed on three separate virtual machines (VMs).

You receive some performance alerts on one of the VMs. After some troubleshooting, you identify a deficiency in the 10 of the storage system.

You need to add an additional new empty data disk to the existing VM. You decide to use an unmanaged disk

Which PowerShell cmdlet should you use?

**Choose the correct answer**

1. Add-AzureRmVMDataDisk
2. New-AzureRmDiskConfig
3. Add-AzureRmVhd
4. New-AzureRmVMDataDisk
5. New-AzureRmDisk

**Que 135.**

You have an Azure resource group named RG1. RG1 contains a Windows Server 2012 R2 virtual machine (VM) named VM1.

You plan to use Azure Cloud Shell and Azure PowerShell to configure backup for VM1.

You need to ensure that Azure uses geo-redundant storage for the backups.

How should you complete the Azure PowerShell command? To answer, select the appropriate options from the drop-down menus.

**Choose the correct options**

$t = Choose an item. -Name "t1"

Choose an item. -Vault $t

Choose an item. GeoRedundant

**ANSWER:**

 GetAzureRmRecoveryServicesVault  **|** SetAzureRRecoveryServicesBackupProperties  **|** BackupStorageRedundancy

**Que 136.**

The core application development team in your company needs read/write access to an Azure-based storage account as a repository for a new company-wide application.

You need to create a geo-replicated storage account within an Azure resource group and provide the access control keys to the application development team.

How should you complete the PowerShell script? To answer, select the appropriate options from the dropdown menus.

**Choose the correct options**

Choose an item.

Set-Azure RmContext - SubscriptionName "MySubscriptionName"

Choose an item.  Name "ResourceGroupName" Location "EAST US 2"

New-AzuremStorage Account -Name "storageaccount"-ResourceGroupName "ResourceGroupName"

Choose an item. Choose an item. Location "EAST US 2"

Choose an item.  ResourceGroupName "ResourceGroupName" -Name "storageaccount"

**ANSWERS:**

Login AzureRm Account **|** New AzuremResourceGroup | SkuName | Standard\_GRS - | Get AzuraRmnStorageAccountry

**Que 137.**

You manage several Windows Server virtual machines (VMs) located in a virtual network (VNet) named prod-VNet. These VMs are used internally by development staff and are not accessible from the Internet.

You need to provide your development staff with secure access to object and table data to support their Azure-based applications. The storage account data must reside in Azure,but must not be exposed to the Internet.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. **Configure a service endpoint**.
2. Configure a point-to-site (P2S) virtual private network (VPN).
3. **Deploy a general-purpose storage account.**
4. Deploy an Azure File Sync group
5. Deploy a blob storage account.

**Que 138.**

You are asked to configure an Azure storage account to be accessible from only one specific Virtual Network in an Azure Virtual Network (VNet). It must not be accessible from any other network or region in use across your company's Azure subscription.

You need to implement this requirement.

What should you do?

**Choose the correct answer**

1. Deploy Azure Traffic Manager.
2. **Create a VNet service endpoint.**
3. Add a network security group.
4. Activate the Secure transfer required option.

**Que 139.**

Your company has hired a new cloud engineer. You need to delegate some privileges as global administrator to this new engineer.

You decide to create a custom role using the following PowerShell command:

New-AzureRmRoleDefinition - InputFile "C: VARM\_templates customrole1.json"

The content of customrole1.json file is shown in the exhibit

**For each of the following statements, select Yes if the statement is true. Otherwise, select No.**

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| The user has full management privileges on blob services |  |  |
| The user can read the content of a blob in a storage account. |  |  |
| The user can create shared access signatures (SAS) keys. |  |  |
| This role can be applied to a subscription. |  |  |
| The user can create new storage accounts |  |  |

Answers: Yes | No | Yes | No | No

**Que 140.**

You have an Azure subscription that contains a storage account.

Your on-premises environment includes six file servers that host a total of 12 file shares.

You need to meet the following technical requirements:

\* Requirement 1: Reduce the storage footprint of the on-premises file servers.

\* Requirement 2: Provide fault tolerance for the on-premises file shares.

\* Requirement 3: Secure the hybrid cloud connection with IPSec.

You plan to configure Azure File Sync.

**For each of the following statements, select Yes if the statement is true. Otherwise, select No.**

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| Azure File Sync meets technical requirement 1. |  |  |
| Azure File Sync meets technical requirement 2 |  |  |
| Azure File Sync meets technical requirement 3. |  |  |

Answers: Yes | Yes | No

**Que 141.**

Your company has an Active Directory Domain Services (AD DS) domain deployed in its on-premises Hyper-V infrastructure. Your company also has an Azure subscription with some resources deployed. One of these resources is a VPN Gateway that connects the on-premises infrastructure with the Azure subscription using a site-to-site (S25) VPN.

Your company is implementing a new policy of remote teleworking. You are asked to ensure that teleworkers can access the resources of the Azure subscription without exposing the resources of the company to the internet. You decide to configure a point-to-site (P2S) VPN

You need to ensure that the employees use their AD DS credentials to connect to the VPN. Your solution must be cost-effective.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. **Deploy a RADIUS server on-premises**.
2. Deploy a RADIUS server in Azure.
3. Synchronize your AD DS domain with Azure AD.
4. **Configure the VPN to use the on-premises RADIUS server.**
5. Configure the VPN to use the RADIUS server deployed in Azure.
6. Configure the VPN to use the RADIUS server deployed in Azure.

**Que 142.**

The LUB application must have the following minimum required services running on each layer:

\* Frontend layer: An II listening on TCP port 443

\* Backend layer: An II listening on TCP port 443

\* Persistence layer: A SQL Server listening on TCP port 1433

You are configuring the VMs for the backend layer.

You need to configure an internal load balancer for the backend layer. You need to ensure that your solution is resilient to hardware and software failures. Your solution needs to be cost-effective.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Create an HTTPS health probe using port 443 | **Create a Basic Load Balancer.** |
| Create a backed pool using the VMs. | **Create a backend pool using the availability set** |
| Create a load balancing rule using port 443. | **Create an HTTP health probe using port 80** |
| Create a load balancing rule using port 80 | **Create a load balancing rule using port 443.** |
| Create a Standard Load Balancer. |  |
| Create a Basic Load Balancer. |  |
| Create an HTTP health probe using port 80. |  |
| Create a backend pool using the availability set |  |

**Que 143.**

Your company has an Azure Subscription with several resources deployed. The subscription is managed by a Cloud Service Provider.

The accounting department is currently granted the billing reader role, so they are able to see cost-related information. They need to get a better understanding of the costs so they can assign them to the correct cost center.

You need to provide cost centre information. Your solution should minimize administrative effort.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Instruct the accounting department to use the Cost Analysis blade in the subscription panel.
2. **Create a tag named CostCenter and assign it to each resource.**
3. **Create a tag named CostCenter and assign it to each resource group.**
4. Instruct the accounting department to use the Azure Account Center.

**Que 144**

You work for a company with 5000 employees around the world. You use Azure Active Directory (Azure AD) Free edition for managing all users in the company.

You need to deploy a procedure that allows users to reset their own passwords. The solution should allow users to use different authentication methods.

You want to minimize the impact on users when you implement the solution. Your solution should be the most cost-effective.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Select one authentication method. | Purchase licenses for Azure AD Basic edition. |
| Select at least two authentication methods. | Create an Azure AD group with a small number of users in the company. |
| Create an Azure AD group with all users in the company | Set the number of required authentication methods to "1". |
| Purchase licenses for Azure AD Basic edition. | Select at least two authentication methods. |
| Create an Azure AD group with a small number of users in the company. |  |
| Purchase licenses for Azure AD Premium P1 edition. |  |
| Set the number of required authentication methods to "1". |  |
| Set the number of required authentication methods to "2". |  |

**Que 145.**

Your company's Microsoft Azure infrastructure team asks you for help in designing a traffic control solution for their deployment.

The deployment consists of a single virtual network (VNet) that has the following topology:

\* edge subnet: Linux-based network virtual appliance (NVA) running enterprise firewall software with IP forwarding enabled

\* data 1 subnet:4 Windows Server virtual machines (VMs)

\* data2 subnet: 4 Ubuntu Linux VMs

You need to recommend a solution to the infrastructure team so that all outbound Azure VM traffic must pass through the NVA on the edge subnet.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Bind the resource to each VM virtual network interface card (VNIC).
2. **Bind the resource to each subnet.**
3. Deploy two internal load balancers between the three subnets.
4. Create a network Security group (NSG) with an outbound rule.
5. **Create a route table with a next-hop IP address.**

**Que 146.**

You have a Windows Server 2012 R2 virtual machine (VM) that is experiencing connectivity issues. You are not able to connect to the VM using Remote Desktop Protocol (RDP).

You need to move the VM to a different node inside the Azure infrastructure,

Which two commands can you use? Each correct answer presents a complete solution.

**Choose the correct answers**

1. **Set-AzureRmVM**
2. az vm convert
3. Update-AzureRmVM
4. **az vm redeploy**
5. az vm deallocate
6. New-AzureRmVM

**Que 147.**

You are the administrator of the Azure Active Directory (Azure AD) tenant and the Active Directory Domain Services (AD DS) on-premises domain in your company. Your company uses Office 365 as well as other third-parties cloud services. Your company uses Windows 8.1 and Windows 10 domain client computers.

Your company wants to allow all employees to use their own devices to access the company's resources, using a Bring Your Own Device (BYOD) approach.

You need to ensure that your company's assets are still protected while allowing the employees to use their own devices. You also need to keep your current device management capabilities. You plan to deploy Azure AD Join. You should ensure that your solution allows Single Sign-On (SSO).

Which two tools should you deploy? Each correct answer presents part of the solution.

**Choose the correct answers**

1. A Windows 10 upgrade for all domain client computers
2. **Active Directory Federation Services (AD FS)**
3. **System Center Configuration Manager**
4. Azure AD Connect

**Que 148.**

Your company has developed a web application that serves dynamic and static content to users. The application is deployed in several Azure Web Apps in different Azure regions to achieve the best performance.

The Support department for the web application receives complaints from users about poor performance of the application.

You review the performance of all components of the application and determine that you need to deploy a Content Delivery Network (CDN).

You need to configure a CDN to achieve the best performance.

What are two ways that you can configure the CDN? Each correct answer presents a complete solution.

**Choose the correct answers**

1. **Configure a single Azure CDN Standard from Verizon endpoint, configure dynamic site acceleration, and configure caching rules.**
2. Configure a single Azure CDN Premium from Verizon endpoint, configure dynamic site acceleration, and configure caching rules.
3. **Configure a single Azure CDN Standard from Akamai endpoint, configure dynamic site acceleration, and configure caching rules.**
4. Configure a single Azure CDN Standard Microsoft endpoint, configure dynamic site acceleration, and configure caching rules.

**Que 149.**

You create a Windows Server virtual machine (VM) in an Azure resource group named iaas-rg. You plan to generalize the operating system and capture an image for use in future deployments.

You need to ensure that other administrators make no changes to the virtual machine configuration until you complete the image capture process. You need to enact your solution as quickly as possible.

What should you do?

**Choose the correct answer**

1. **Set a Read only lock at the resource group level.**
2. Edit the RBAC permissions at the VM level.
3. Set a Delete lock at the VM level.
4. Edit the RBAC permissions at the resource group level.

**Que 150.**

Your company has an Azure Active Directory (Azure AD) tenant. Your company has also an Active Directory Domain Services (AD DS) domain deployed on-premises. The AD DS domain is federated with the Azure AD tenant using Active Directory Federation Services (AD FS) 2016. The company also deploys Office 365 for all users.

Your company has several offices distributed across the globe. The company has the main office located in San Francisco. Some users use Office 2010.

You deploy multi factor authentication (MFA) in your company.

You need the users in the main office to not use the MFA. You decide to enable the Trusted IPs feature.

**For each of the following statements, select Yes if the statement is true. Otherwise, select No.**

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| You should enable the All Federated Users option. |  |  |
| You should add the IP subnet range of the main office. |  |  |
| Users in the main office will be required to use an app password. |  |  |
| Users in the main office will be required to follow a two-step verification process when they are outside the office. |  |  |

Answers: No | Yes | No | Yes

**Que 151.**

You need to create a new Azure Files share in your company Azure subscription. This share contains resource files that the admins of all your Azure laas hosted Microsoft Windows servers will need to perform their daily activities. The share will exist in a new Storage Account

You need to ensure the file share is mounted on the servers and is persisted across reboots.

Which six actions should you perform in sequence? To answer, move the appropriate actions from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Execute Get-PSDrive on the Windows Servers | Execute New-AzureRmStorageAccount |
| Execute New-AzureRmStorage Context | Execute GetAzureRm Storage AccountKeys. |
| Execute CMDKEY on the Windows Servers | Execute New-AzureRmStorage Context |
| Execute New-AzureRmStorageShare. | Execute New-AzureRmStorageShare. |
| Execute Set-AzureRmStorageAccount. | Execute CMDKEY on the Windows Servers |
| Execute New-AzureRmStorageAccount | Execute New-PSDrive on the Windows Servers. |
| Execute New-PSDrive on the Windows Servers. |  |
| Execute Get-AzureRmStorageAccount |  |
| Execute GetAzureRm Storage AccountKeys. |  |

**Que 152.**

Your company has an Azure Active Directory (Azure AD) tenant named companycs.com to manage all users that need to access the resources deployed in the Azure subscription.

You need to grant an external consultant access to some of the resources deployed in your subscription. This external consultant will use her own email address as her username. The company of the external consultant does not use Office 365 or any other Azure AD tenant.

Which PowerShell cmdlet should you use?

**Choose the correct answer**

1. **New-Azure ADMSInvitation**
2. New-Azure ADUser
3. New-MsolUser
4. New-ADUser

**Que 152.**

You configure the companyes.com zone in Azure DNS. You have an A record set named app that points to an App Service that hosts a web application.

You need to make this application available by using the webapp.companyes.com domain name. This new domain name needs to point to the public IP address of the App Service.

You need to ensure that the DNS record for this new domain name is updated or deleted automatically in case the app.companycs.com DNS record is modified or deleted.

Which type of record set should you create?

**Choose the correct answer**

1. A record set
2. CNAME alias record set
3. CNAME record set
4. **A alias record set**

**Que 153.**

You manage an Azure Windows Server virtual machine (VM) that hosts several SQL Server databases.

You need to configure backup and retention policies for the VM. The backup policy must include transaction log backups.

What should you do?

**Choose the correct answer**

1. Configure a point-in-time snapshot from the Disks Azure portal blade.
2. **Configure a SQL Server in Azure VM backup policy from the Recovery Services Azure portal blade.**
3. Configure point-in-time and long-term retention policies from the SQL Servers Azure portal blade
4. Configure a continuous delivery deployment group from the Virtual Machine Azure portal blade

**Que 154.**

Your company has 53 offices distributed across the world. Your company uses Office 365 for all employees and an Active Directory Domain Services (AD DS) domain to manage identity for employees. The Azure AD tenant for Office 365 and the AD DS domain are not connected.

You are asked to implement multi-factor authentication (MFA).

You need to ensure that users do not need to provide two-factor authentication when they are connected to the company's network from each of the 53 offices.

What two actions should you perform? Each correct answer presents part of the solution.

**Choose the correct answers**

1. Configure directory synchronization between the Azure AD tenant and the AD DS domain.
2. Configure a trusted IP address with an entry for each subnet in the company's network
3. **Configure federation between your AD DS domain and the Azure AD tenant.**
4. **Configure a trusted IP address with the value: c: [Type==**

**"http://schemas.microsoft.com/ws/2012/01/insidecorporatenetwork"] => issue (claim=c);**

**Que 155.**

Your company wants to configure a storage account.

You need to ensure that storage is available in case of failure of an entire datacenter. You also need to move the data to different access tiers depending on the frequency of access. Your solution needs to be the most cost-effective.

What type of storage should you configure?

**Choose the correct answer**

1. **Zone Redundant Storage (ZRS)**
2. Local Redundant Storage (LRS)
3. Read-Access Geo Redundant Storage (RA-GRS)
4. Geo Redundant Storage (GRS)

**Que 156.**

You have a Windows Server 2012 R2 file server deployed in your on-premises infrastructure. You want to deploy a file server hybrid solution. You decide to use Azure File Sync.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

|  |  |  |
| --- | --- | --- |
| **Statement** | **Yes** | **No** |
| You can use cloud tiering with server endpoints on the system volume. |  |  |
| You can use cloud tiering with server endpoints on the system volume. |  |  |
| For tiered files, the media file type will be partially downloaded as needed. |  |  |
| The free space policy takes precedence over any other policy. |  |  |
| You can sync files in a mount point inside a server endpoint |  |  |

Answers: No | No | Yes | Yes | No

**Que 157.**

You have data hosted in Azure Blob Storage in your Azure Subscription that you need to export. You decide to use the Azure Import/Export service.

You have a storage account named storage01 that has 3 TB of information stored. All the information is located in a container named CONTAINER01.

During the execution of the export job, the storage account key changes.

When the export job finishes you realize that it completed successfully with errors. When you receive the disk with the export information, you attach the disk to a Windows computer and assign the letter G:

You need to download the files that are marked with errors by using the WAImportExport tool. You install the tool in the C:\WAImportExport folder.

How should you complete the command? To answer, select the appropriate command parts from the dropdown menus.

**Choose the correct options**

WAlmport Export.exe RepairExport

**/r:** Choose an item.

***/d*:** Choose an item.

**/sn:** Choose an item.

**/sk:** Choose an item.

**/CopyLogFile:C:\WAImportExport\DRIVERID.log**

**ANSWERS:**

**C. WAImportExportExportDRIVEID.rep | G:\ | storage01 | storage01key**

**Que 158.**

You have a Microsoft Azure subscription named Sub1. Your company has 120

terabytes (TB) in its on premises data center.

You need to use Azure Import/Export Service to transfer the data into a storage account in

Sub1.

Which five actions should you perform in sequence? To answer, move the appropriate actions

from the list of possible actions to the answer area and arrange them in the correct order.

**Create a list in the correct order**

|  |  |
| --- | --- |
| **Possible actions** | **Actions in order** |
| Prepare the hard drives. | Prepare the hard drives |
| Update the job with the tracking information | Create an import job. |
| Order an Azure Data Box. | Ship the drives to an Azure data-center. |
| Ship the Azure Data Box to an Azure data-center | Update the job with the tracking information |
| Create an Azure Key Vault. | Verify the data upload to Azure. |
| Create an import job. |  |
| Verify the data upload to Azure. |  |
| Ship the drives to an Azure data-center. |  |

**Que 159.**

You have an Azure resource group named RG1. RG1 contains nine Windows Server 2016

virtual machines (VMs).

You configure Azure to back up all VMs to a Recovery Services vault.

You need to view the most recent in-progress backup job data.

How should you complete the Azure PowerShell command? To answer, select the

appropriate options from the drop-down menus.

**Choose the correct options**

Sjoblist=0 Choose an item. Status "InProgress"

Choose an item.

**ASWERS:**  GetAzuremRecoveryservicesBackup **|** Sjoblist[0]

**Que 160.**

Your company is developing a line-of-business (LOB) application that uses the Azure lot Hub for

gathering information from Internet of things (IoT) devices.

The LOB application uses the lot Hub Service SDK to read device telemetry from the lot Hub.

You need to monitor device telemetry and be able configure alerts based on device

telemetry values. Your solution should require the least administrative effort.

What should you do?

**Choose the correct answer**

1. Use Azure Resource Health.
2. Use Azure Activity Logs.
3. **Enable Azure Monitor resource diagnostics logs on the lot Hub.**
4. Use Azure Application Insights with the LOB application.

**Que 161.**

You manage the Azure network for your company. The company on-premises network

configuration consists of multiple subnets. Each branch office has a dedicated IP subnet.

A new branch office was recently added. The network devices in this office were assigned to a

192.168.22.0/24 subnet.

You need to reconfigure the existing Azure VPN Gateway to ensure that all network

devices in the new branch office can be accessed from the Azure virtual network

Which PowerShell cmdlet should you use?

**Choose the correct answer**

1. Add-AzureRmVirtualNetworkSubnetConfig
2. **Set-AzureRmLocalNetworkGateway**
3. Set-AzureRmNetworkinterface
4. Add-AzureRmNetworkinterfacelp Config

**Que 162.**

You have a Windows server that runs in Azure and an ExpressRoute connection from

your site into Azure, as shown in the exhibit.

After six months of normal use without issues, you receive feedback from your users indicating that they

are experiencing network issues when attempting to connect to both Server 1 and Server 2.

You need to monitor the network traffic to discover the cause of this issue.

What tool should you use?

**Choose the correct answer**

1. Network Security group (NSG) flow logging
2. TRACERT
3. **Network Performance Monitor**
4. Network Watcher