70-533 Sample Questions

Q1.

You are the administrator for your company's virtual environment. The company plans to deploy an e-commerce application that will experience random performance fluctuations.

The application must be able to scale to meet temporary needs and be idle when the needs disappear. You create an automatic virtual machine (VM) scale set to support the application.

You need to set up automatic scaling for the scale set.

Which three tools can you use? Each correct answer presents a complete solution.

- A Resource Manager templates
- B Azure PowerShell
- C Azure Command-Line Interface (CLI)
- D Azure Traffic Manager
- E Azure Resource Explorer

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Answer: A, B, C

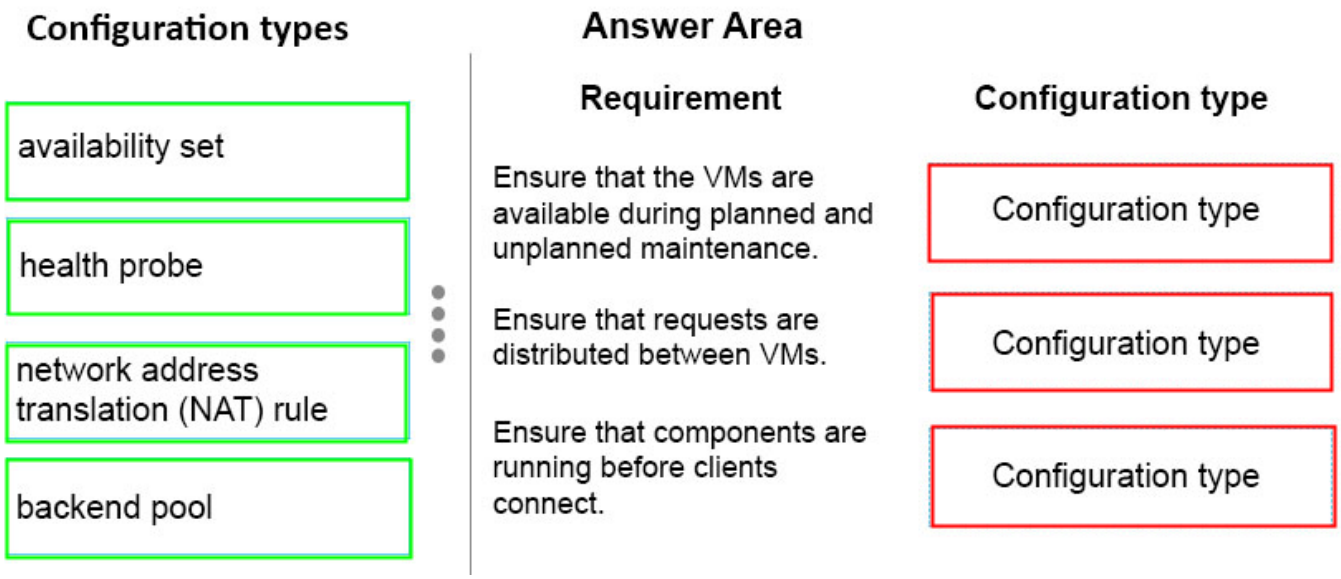
Q2.

You plan to deploy an application by using three Azure virtual machines (VMs). The application has a web-based component that uses TCP port 443 and a custom component that uses UDP port 2020.

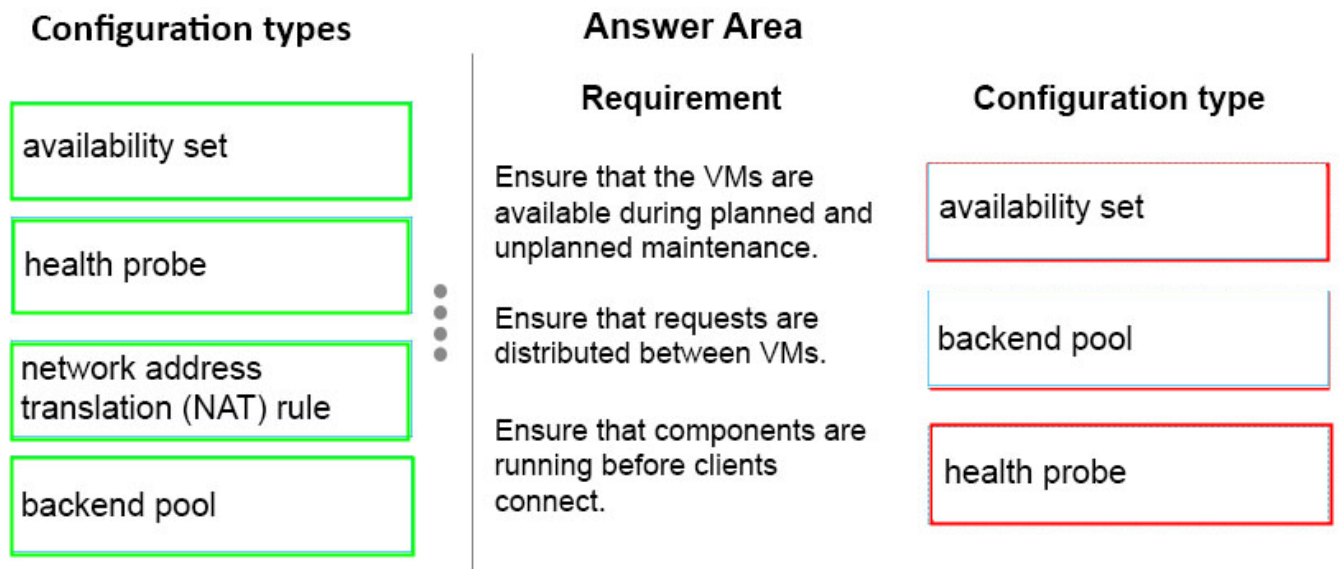
The application must be available during planned and unplanned Azure maintenance events. Incoming client requests must be distributed across the three VMs. Clients must be connected to a VM only if both application components are running.

You need to configure the VM environment.

For each requirement, what should you implement? To answer, drag the appropriate configuration type to the correct target. Each configuration type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



A2.



Q3.

Your company plans to migrate from On-Premises Exchange to Exchange Online in Office 365.

You plan to integrate your existing Active Directory Domain Services (AD DS) infrastructure with Azure AD.

You need to ensure that users can log in by using their existing AD DS accounts and passwords. You need to achieve this goal by using minimal additional systems.

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

- ☐ A Configure Password Sync.
- ☐ B Set up a DirSync Server.
- ☐ C Set up an Active Directory Federation Services Server.
- ☐ D Set up an Active Directory Federation Services Proxy Server.

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Answer: A, B

Q4.

You manage a public-facing web application which allows authenticated users to upload and download large files. On the initial public page there is a promotional video.

You plan to give authenticated users the ability to upload and download large files. Anonymous users should be able to view the promotional video.

In the table below, identify the access method that should be used for the anonymous and authenticated parts of the application.

Make only one selection in each column.

Access Method	Anonymous	Authenticated
Create an Access Policy per user and provide Read and Write access to the blob files by using Shared Access Signatures.	○	○
Create Ad-Hoc Shared Access Signatures to provide read-only access to the blob files.	○	○
Create Ad-Hoc Shared Access Signatures to provide Read and Write access to the blob files.	○	○
Make the blob container public.	○	○

A4.

Access Method	Anonymous	Authenticated
Create an Access Policy per user and provide Read and Write access to the blob files by using Shared Access Signatures.	○	◉
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Make the blob container public.	◉	○

Q5.

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1.

You plan to integrate Tenant1 and the on-premises Active Directory.

You need to create a user account that can be used to synchronize changes from the on-premises Active Directory. The solution must use the principle of least privilege.

Which organizational role should you assign to the user account?

- A Service administrator
- B Global administrator
- C Password administrator
- D User administrator

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Which organizational role should you assign to the user account?

- A Service administrator
- B Global administrator
- C Password administrator
- D User administrator

Answer: B

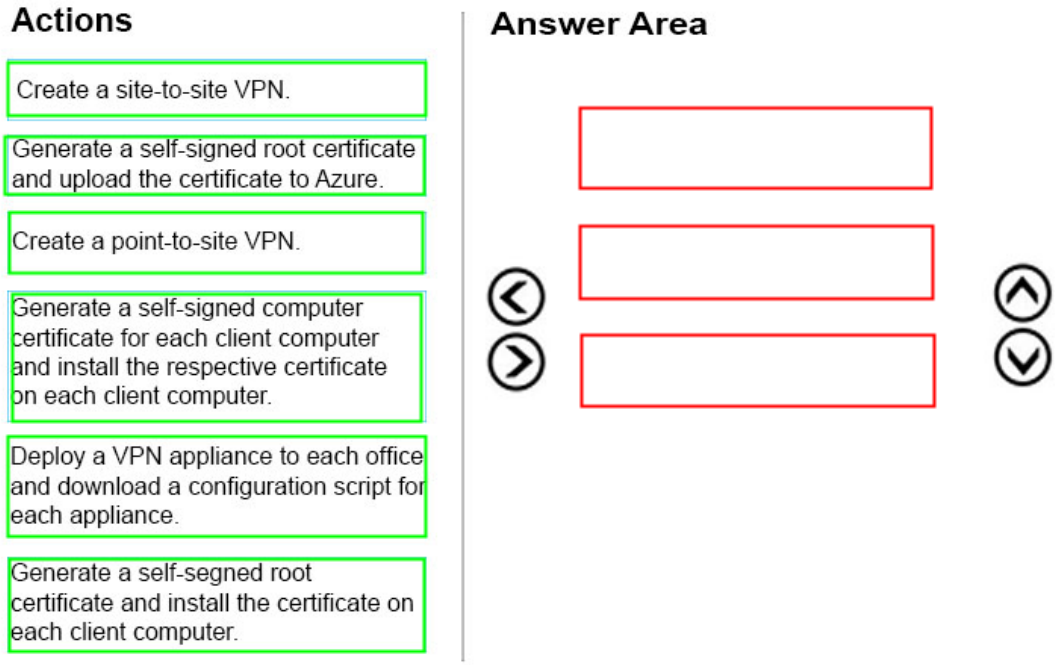
Q6.

Your company has a main office and several branch offices.

You create an Azure subscription and you deploy several virtual machines. The virtual machines are located in multiple subnets.

You need to provide remote access to the virtual machines to five users in each office by using a VPN connection. The remote access connections will not require a VPN device nor a public-facing IP address in order to work.

Which three actions should you perform in sequence before you download the VPN client on each computer? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



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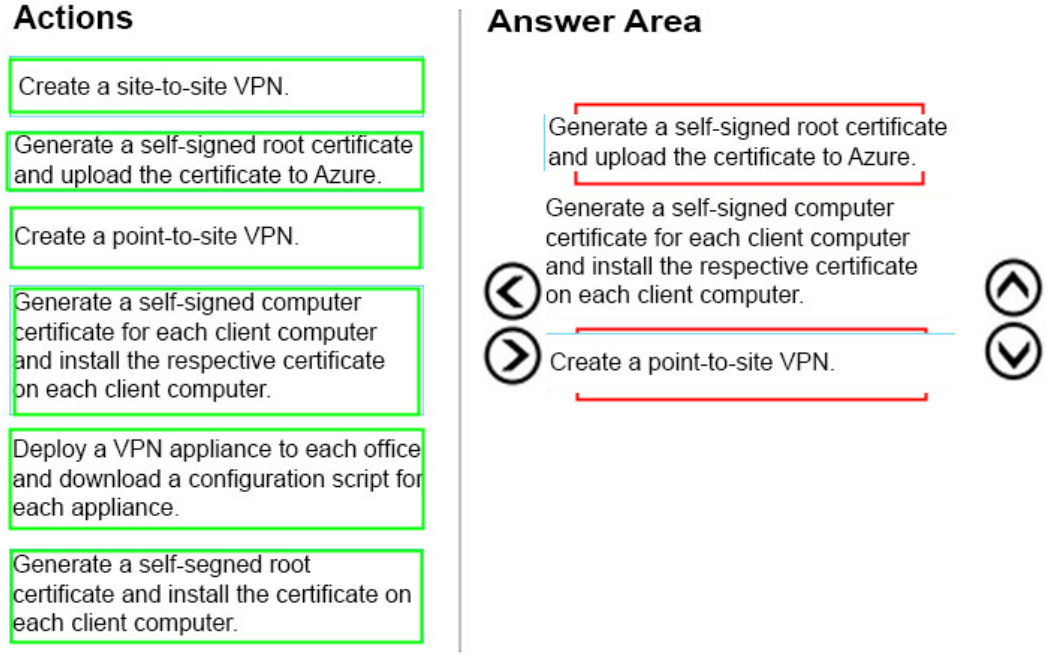

Q7.

You have an Azure subscription that contains a backup vault named BV1. BV1 contains five protected servers. Backups run daily. You need to modify the storage replication settings for the backups.

What should you do first?

- A Create a new backup vault.
- B Run the **Remove-OBPolicy** cmdlet.
- C Configure the backup agent properties on all five servers.
- D Run the **Remove-OBFileSpec** cmdlet.
- E Configure the storage replication of BV1.
- F Uninstall the backup agent from the five servers.

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- E Configure the storage replication of BV1.
- F Uninstall the backup agent from the five servers.

Answer: C

Q8.

You manage a cloud service that is running in two small instances. The cloud service hosts a help desk application. The application utilizes a virtual network connection to synchronize data to the company's internal accounting system.

You need to reduce the amount of time required for data synchronization.

What should you do?

- A Configure the servers as large instances and re-deploy.
- B Increase the instance count to three.
- C Deploy the application to Azure Web Sites.
- D Increase the processors allocated to the instances.

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Answer: A

Q9.

You administer an Azure subscription for your company.

You have an application that updates text files frequently. The text files will not exceed 20 gigabytes (GB) in size. Each write operation must not exceed 4 megabytes (MB).

You need to allocate storage in Azure for the application.

Which three storage types will achieve the goal? Each correct answer presents a complete solution.

- ☐ A page blob
- ☐ B queue
- ☐ C append blob
- ☐ D block blob
- ☐ E file share

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- ☐ E file share

Answer: A, C, D

Q10.

A Windows Azure application retrieves data from SQL Azure. You need to recommend an approach for improving application query performance.

What should you recommend?

- A Create a database view to retrieve the data.
- B Use a clustered index on the SQL Azure database tables.
- C Open a new database connection when an operation times out.
- D Create SQL Azure database table indexes based on application queries.

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- D Create SQL Azure database table indexes based on application queries.

Answer: D

Q11.

You deploy an ASP.NET application to an Azure Cloud Service.

You must collect telemetry data for troubleshooting performance issues and resource usage.

You need to configure Azure diagnostics.

For each requirement, which data source should you specify? To answer, select the appropriate data source from each list in the answer area.

Answer area

Requirement	Data Source
Determine percentage of processor time used.	Performance counters Custom error logs Windows Event logs
View logs created by the application.	Custom error logs IIS Logs Windows logs
Determine cause for 404 error experienced by clients. .	IIS Failed Request logs Crash dumps Azure Diagnostic infrastructure logs

A11.

Answer area

Requirement	Data Source
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Determine cause for 404 error experienced by clients. .	**IIS Failed Request logs** Crash dumps Azure Diagnostic infrastructure logs

Q12.

You manage a cloud service that supports features hosted by two instances of an Azure virtual machine (VM).

You discover that occasional outages cause your service to fail.

You need to minimize the impact of outages to your cloud service.

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

- ☐ A Deploy a third instance of the VM.
- ☐ B Configure Load Balancing on the VMs.
- ☐ C Redeploy the VMs to belong to an Affinity Group.
- ☐ D Configure the VMs to belong to an Availability Set.

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- ☐ D Configure the VMs to belong to an Availability Set.

Answer: B, D

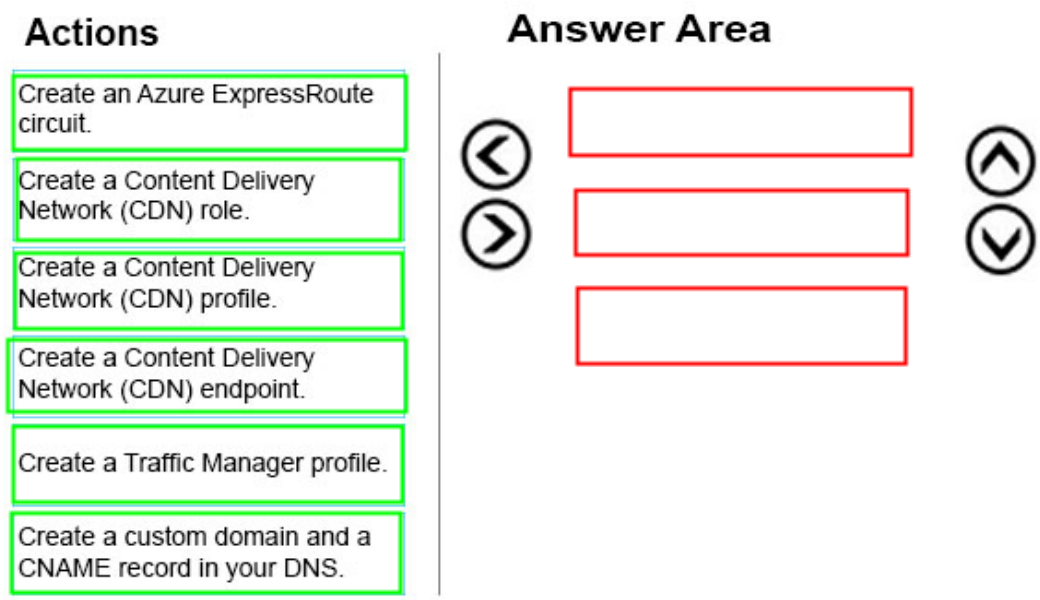
Q13.

You are an administrator for an Azure subscription that is used by your company.

You have an Azure Web App that contains static content accessed by users. You plan to deliver content based on geographic location. The solution must allow clients to connect to a URL that ends in your corporate domain name of adatum.com. You must use the information provided by the portal for your on-premises modifications.

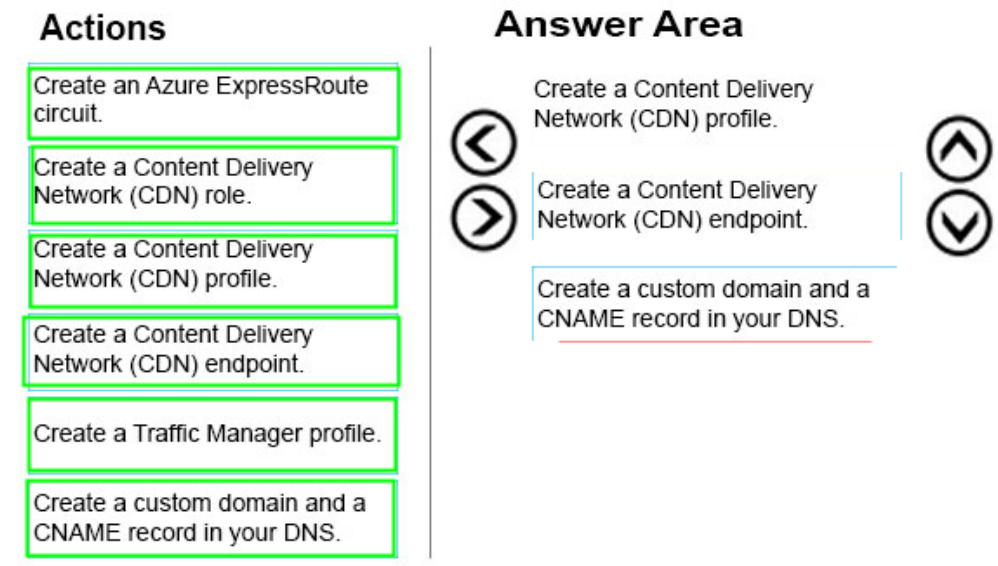
You need to implement the components in Azure to support the above requirements.

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



A13.

Answer:



Q14.

You deploy an Azure Web App named ContosoApp.

You configure a Traffic Manager profile for ContosoApp.

You need to create the required DNS record to redirect queries to ContosoApp from the Internet. The solution must ensure that remote users can connect to ContosoApp by using the https://webservice.contoso.com URL.

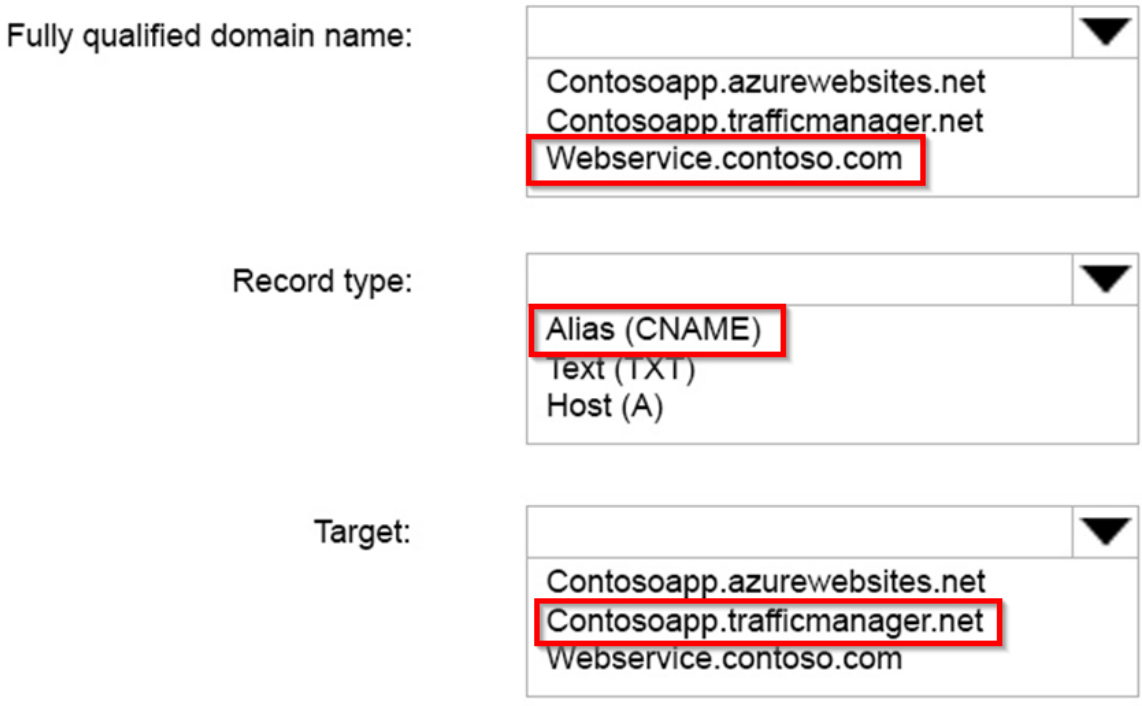
Which DNS record should you create? To answer, select the appropriate options in the answer area.

Fully qualified domain name:
- Contosoapp.azurewebsites.net
- Contosoapp.trafficmanager.net
- Webservice.contoso.com

Record type:
- Alias (CNAME)
- Text (TXT)
- Host (A)

Target:
- Contosoapp.azurewebsites.net
- Contosoapp.trafficmanager.net
- Webservice.contoso.com

A14.



Q15.

You are the administrator for three Azure subscriptions named Dev, Test, and Prod.

Your Azure PowerShell profile is configured with the Dev subscription as the default.

You need to create a new virtual machine in the Test subscription by using the least administrative effort.

Which PowerShell command should you use?

A. PS C:\> Select-AzureSubscription -SubscriptionName "Test"

B. PS C:\> Set-AzureSubscription -SubscriptionName "Test" -CurrentStorageAccountName "teststorage"
PS C:\> Select-AzureSubscription "Test"

C. PS C:\> Set-AzureSubscription "Test" -CurrentStorageAccountName "teststorage"

D. PS C:\> Select-AzureSubscription -SubscriptionName "Test" –Default

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C. PS C:\> Set-AzureSubscription "Test" -CurrentStorageAccountName "teststorage"

D. PS C:\> Select-AzureSubscription -SubscriptionName "Test" –Default

A Option A

B Option B

C Option C

D Option D

Q16.

You are designing a Windows Azure application that will use a worker role.

The worker role will create temporary files.

You need to recommend an approach for creating the temporary files that minimizes storage transactions.

What should you recommend?

- A Create the files on a Windows Azure Drive.
- B Create the files in Windows Azure local storage.
- C Create the files in Windows Azure Storage page blobs.
- D Create the files in Windows Azure Storage block blobs.

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You are designing a Windows Azure application that will use a worker role.

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What should you recommend?

- A Create the files on a Windows Azure Drive.
- B Create the files in Windows Azure local storage.
- C Create the files in Windows Azure Storage page blobs.
- D Create the files in Windows Azure Storage block blobs.

Answer: B

Q17.

You have two on-premises networks. You need to connect the two networks to Azure.

The networks must be secure.

You need to configure the environment.

Which actions should you perform? For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Statements	Yes	No
You must create a multi-site VPN.	○	○
You must implement an access list.	○	○
You must enable automatic discovery of remote networks.	○	○

A17.

Statements	Yes	No
You must create a multi-site VPN.	◉	○
You must implement an access list.	○	◉
You must enable automatic discovery of remote networks.	○	◉

Q18.

You manage two cloud services named Service1 and Service2. The development team updates the code for each application and notifies you that the services are packaged and ready for deployment.

Each cloud service has specific requirements for deployment according to the following table.

Name	Deployment requirements
Service1	• You must be able to re-deploy the service using a previous package. • The package must be retained for disaster recovery purposes.
Service2	• Maintaining the existing service package is not required.

In the table below, identify the deployment method for each service. Make only one selection in each column.

Deployment method	Service1	Service2
Manually update DLL on cloud service by means of RDP.	○	○
Update by using package in Azure Storage.	○	○
Update by using package from your local computer.	○	○

A18.

Deployment method	Service1	Service2
Manually update DLL on cloud service by means of RDP.	○	○
Update by using package in Azure Storage.	◉	○
Update by using package from your local computer.	○	◉

- Service 1As the package must be retained we should deploy it through the Azure Storage cloud.
- Service 2As maintaining the existing storage package is not required we can deploy the package locally.
- *Azure service packageWhenever you want to deploy your application to a Cloud Service you'll be creating a Service Package and upload it, together with the Service Configuration to a deployment in a Cloud Service. These two artifacts are what makes up a Cloud Service deployment.

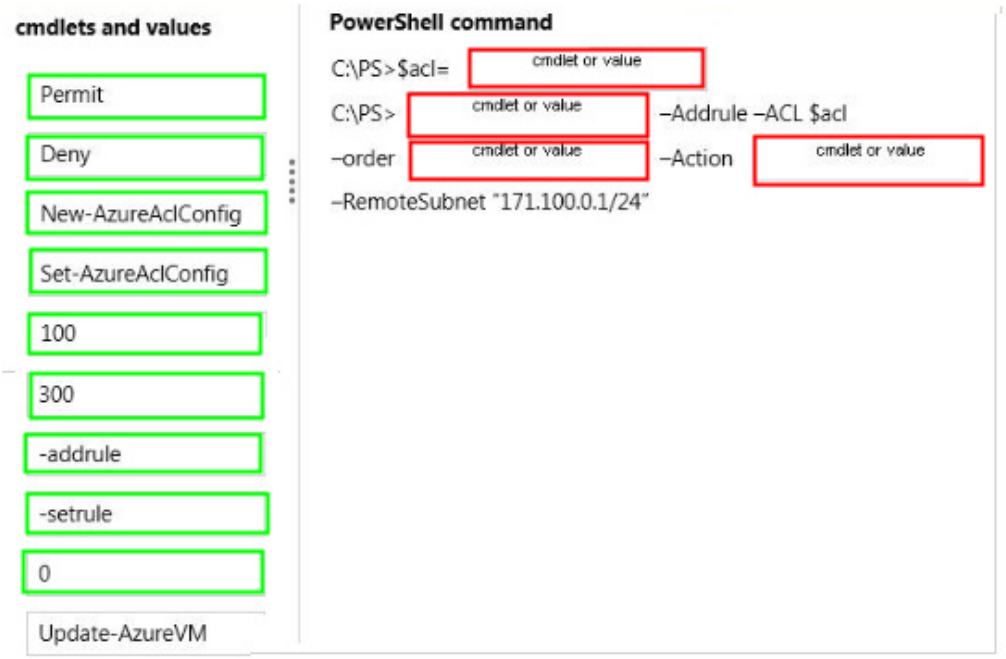
Q19.

You administer an Azure Virtual Machine (VM) named CON-CL1. CON-CL1 is in a cloud service named ContosoService1.

You discover unauthorized traffic to CON-CL1. You need to:

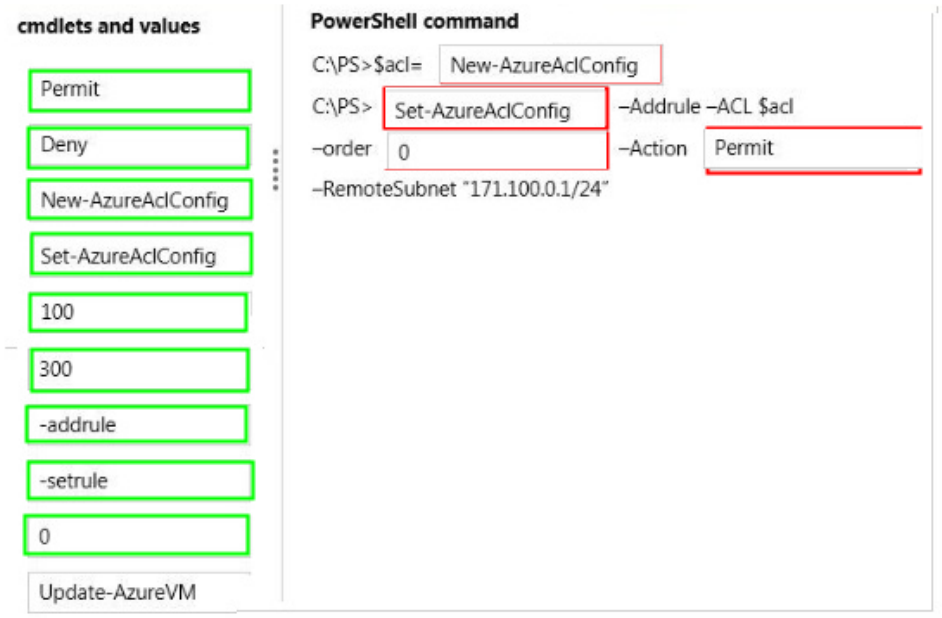
- Create a rule to limit access to CON-CL1.
- Ensure that the new rule has the highest precedence.

Which Azure PowerShell cmdlets and values should you use? To answer, drag the appropriate cmdlet or value to the correct location in the PowerShell command. Each cmdlet or value may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view content.



A19.

Answer:



Q20.

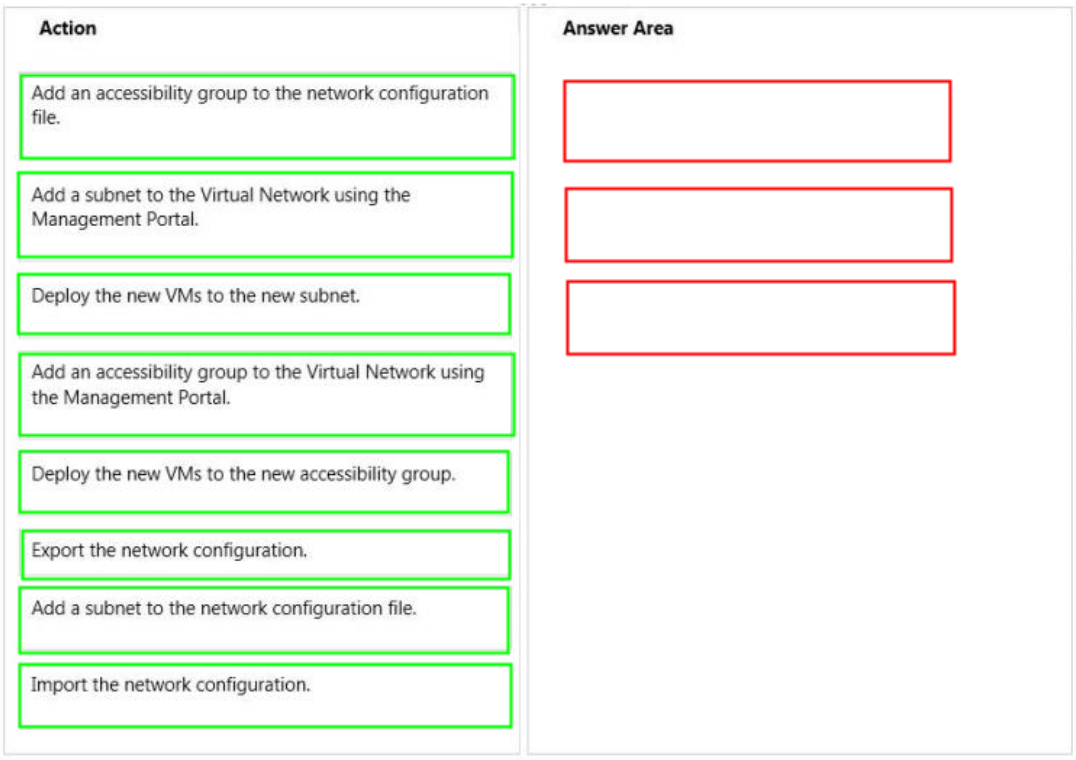
You manage a solution deployed in two Azure subscriptions for testing and production. Both subscriptions have virtual networks named fabVNet.

You plan to add two new virtual machines (VMs) in a new subnet.

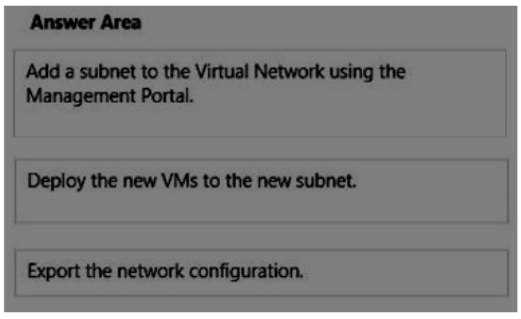
You have the following requirements:

- Deploy the new VMs to the virtual network in the testing subscription.
- Minimize any errors in defining the network changes.
- Minimize the work that will be required when the change is made to the production virtual network.

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



A20.



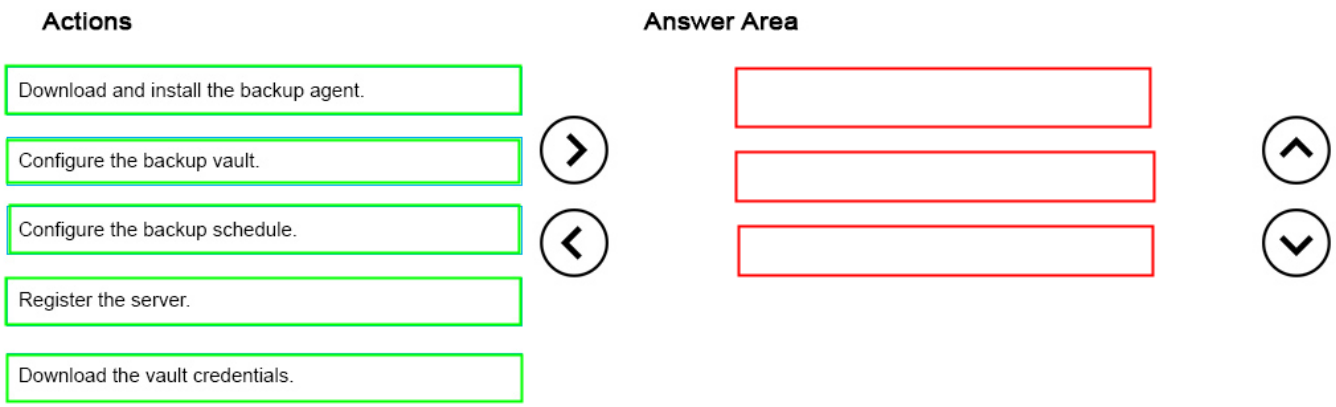
Create a subnet in the Testing subnet, Deploy the VMs to this new subnet, and Export the network configuration for later importing it to Production.

Q21.

You are the server administrator for several on-premises systems.

You need to back up all the systems to the cloud by using Azure Backup.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



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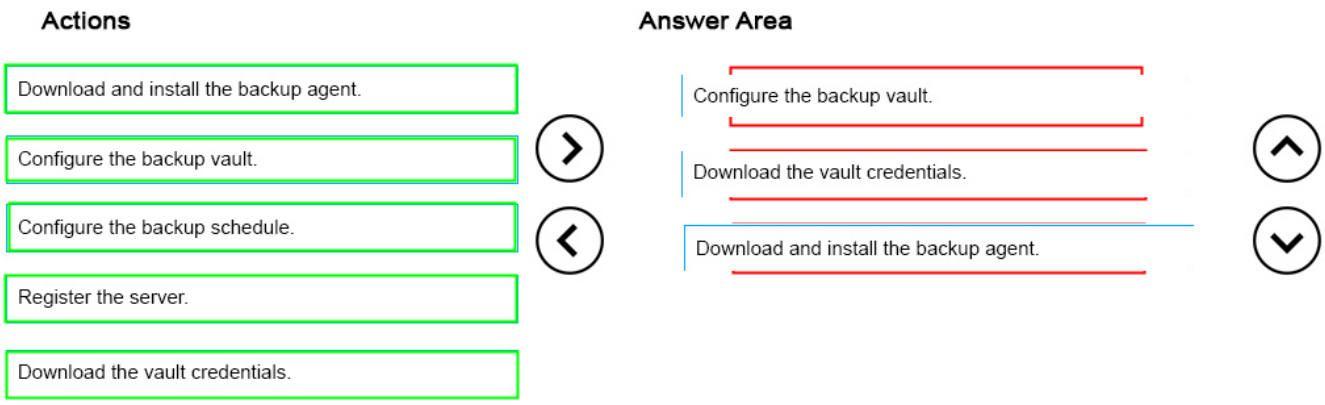

Q22.

You manage an Azure Web Site named contosoweb. Logging is enabled for contosoweb.

You need to view only errors from your log files in a continuous stream as they occur.

Which Windows PowerShell command should you execute?

- A **Get-AzureWebSiteLog -Name contosoweb -OutBuffer Error**
- B **Save-AzureWebSiteLog -Name contosoweb -Output Errors**
- C **Get-AzureWebSiteLog -Name contosoweb -Tail -Message Error**
- D **Get-AzureWebSiteLog -Name contosoweb -Message Error**

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- D **Get-AzureWebSiteLog -Name contosoweb -Message Error**

Answer: C

Q23.

You are the architect for a software company that provides application servers to customers. The application servers are Azure virtual machines (VMs) running Windows Server 2012 R2 under your company's Azure subscription.

The VMs are administrated by customers, and each customer customizes the system to meet its specific needs. You identify the following requirements:

- The customer must not modify the LocalSystem service account on the VMs.
- The customer must run the Azure VM Agent.
- You must set the value of the PowerShell execution policy to **RemoteSigned** for all customers.

When a critical security issue is discovered, the application servers must be updated with a security update as quickly as possible, without waiting for customer action.

You need to design a strategy that allows for security issues to be updated as quickly as possible.

What should you do?

- A Convert the application so that it runs under a Hyper-V container, and run the security update script on the host system.
- B Build the security update script into a new base Windows Server 2012 R2 image and deploy the image by using a Virtual Machine Scale Set.
- C Use WinRM to run the security update script on each customer VM.
- D Create an AzureVMCustomScriptExtension to run the security update on each VM.

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- C Use WinRM to run the security update script on each customer VM.
- D Create an AzureVMCustomScriptExtension to run the security update on each VM.

Answer: D

Q24.

You are developing an Azure App Service.

You must implement an external authentication method for the App Service.

You need to ensure that users can log on to the App Service by using a Microsoft account.

How should you configure the environment? To answer, select the appropriate options in the answer area.

Answer Area

Location	Action
Developer Center	Generate a password Enable App Service Authentication Configure a custom domain Enable Python for the App Service
Azure	Generate a password Enable App Service Authentication Configure a custom domain Enable Python for the App Service

A24.

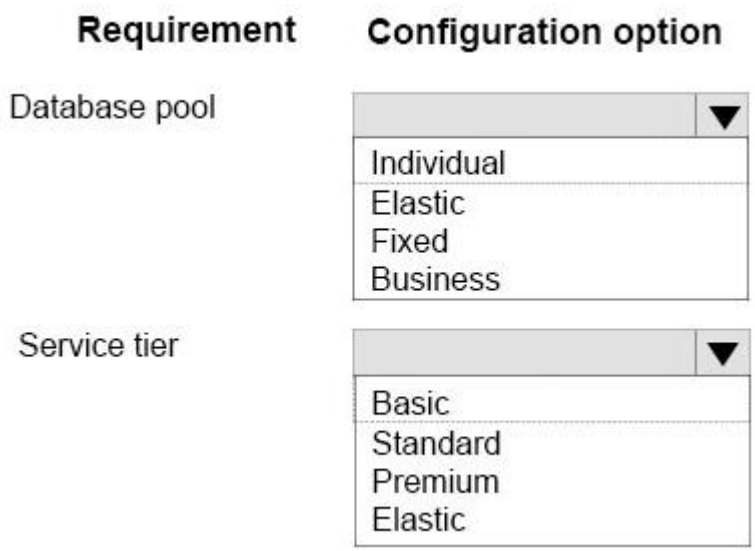
Location	Action
Developer Center	Generate a password Enable App Service Authentication Configure a custom domain Enable Python for the App Service
Azure	Generate a password Enable App Service Authentication Configure a custom domain Enable Python for the App Service

Q25.

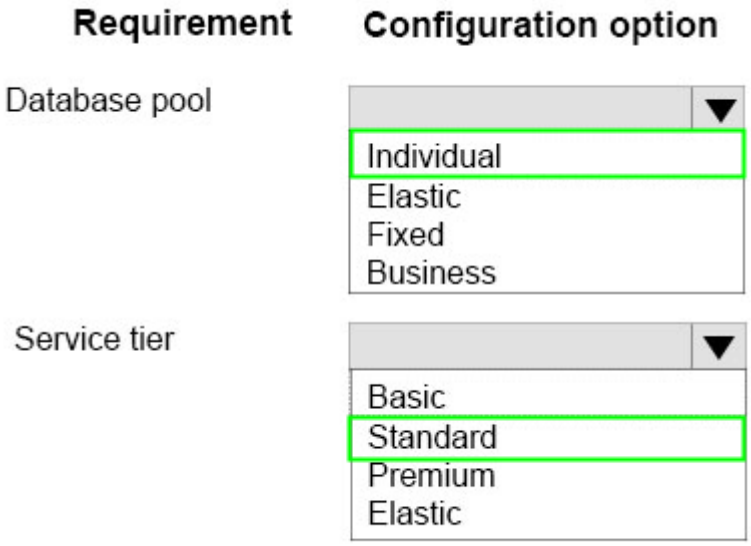
You have an application that uses three separate databases to store application data, logs, and application security details. The maximum database throughput unit (DTU) per database does not exceed 50. You plan to deploy the application to Azure.

You need to recommend a configuration for the databases that minimizes costs.

For each requirement, which configuration option should you use? To answer, select the appropriate configuration option from each list in the answer area.



A25.



Q26.

You administer an Azure subscription with an existing cloud service named contosocloudservice. Contosocloudservice contains a set of related virtual machines (VMs) named ContosoDC, ContosoSQL and ContosoWeb1.

You want to provision a new VM within contosocloudservice.

You need to use the latest gallery image to create a new Windows Server 2012 R2 VM that has a target IOPS of 500 for any provisioned disks.

Which PowerShell command should you use?

A.
```
PS C:\> $image = (Get-AzureVMImage | ? { $_.OS –eq "Windows" -and $_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" } |
Sort-Object PublishDate -Descending | Select-Object -First 1).ImageName
PS C:\> New-AzureVMConfig -Name "ContosoWeb2" -InstanceSize Small -ImageName $image | Add-AzureProvisioningConfig –
Windows –AdminUser $adminUser -Password $adminPassword | New-AzureVM
```

B.
```
PS C:\> $image = (Get-AzureVMImage | ? { $_.OS –eq "Windows" -and $_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" } |
Sort-Object PublishDate -Descending | Select-Object -First 1).ImageName
PS C:\> New-AzureVMConfig -Name "ContosoWeb2" -InstanceSize Basic_A1 -ImageName $image | Add-AzureProvisioningConfig –
Windows –AdminUser $adminUser -Password $adminPassword | New-AzureVM –ServiceName "contosocloudservice"
```

C.
```
PS C:\> New-AzureQuickVM –Windows -ServiceName "contosocloudservice" –Name "ContosoWeb2" –ImageName (Get-
AzureVMImage | ? { $_.OS –eq "Windows" -and $_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" }).ImageName | ? { $ –
Password $adminPasswd –InstanceSize Small
```

D.
```
PS C:\> $image = (Get-AzureVMImage | ? { $_.OS –eq "Windows" -and $_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" } |
Sort-Object PublishDate -Descending | Select-Object -First 1).ImageName
PS C:\> New-AzureQuickVM –Windows -ServiceName "contosocloudservice" –Name "ContosoWeb2" –ImageName $image –
Password $adminPasswd –InstanceSize Small
```

A26.

- A Option A
- B Option B
- C Option C
- D Option D

Answer: D

Explanation:

The New-AzureQuickVM cmdlet sets the configuration for a new virtual machine and creates the virtual machine. You can create a new Azure service for the virtual machine by specifying either the Location or AffinityGroup parameters, or deploy the new virtual machine into an existing service.

AdminUsername is not required.

-AdminUsername<String>

Specifies the name for the administrative account to create.

Aliases	none
Required?	false
Position?	named
Default Value	none
Accept Pipeline Input?	false
Accept Wildcard Characters?	false

Q27.

You manage the on-premises and cloud for a company. Employees use Microsoft Office 365 to collaborate and manage product development. They authenticate to Azure Active Directory (Azure AD) to access all on-premises and cloud-based resources.

You must grant employees access to several custom-built applications.

You need to ensure that you can automatically add or remove employee access to Office 365 based on employee group memberships or attributes.

What should you use?

- A Active Directory Configuration
- B Advanced Rules for an Active Directory Group.
- C Application Access to Active Directory
- D The Users group in Active Directory

A27.

You manage the on-premises and cloud for a company. Employees use Microsoft Office 365 to collaborate and manage product development. They authenticate to Azure Active Directory (Azure AD) to access all on-premises and cloud-based resources.

You must grant employees access to several custom-built applications.

You need to ensure that you can automatically add or remove employee access to Office 365 based on employee group memberships or attributes.

What should you use?

- A Active Directory Configuration
- B Advanced Rules for an Active Directory Group.
- C Application Access to Active Directory
- D The Users group in Active Directory

Answer: B

Q28.

You administer a DirSync server configured with Azure Active Directory (Azure AD).

You need to provision a user in Azure AD without waiting for the default DirSync synchronization interval.

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

- ☐ A Restart the DirSync server.
- ☐ B Run the **Start-OnlineCoexistenceSync** PowerShell cmdlet.
- ☐ C Run the **Enable-SyncShare** PowerShell cmdlet.
- ☐ D Run the Azure AD Sync tool ConfigurationWizard.
- ☐ E Replicate the Directory in Active Directory Sites and Services.

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- ☐ C Run the **Enable-SyncShare** PowerShell cmdlet.
- ☐ D Run the Azure AD Sync tool ConfigurationWizard.
- ☐ E Replicate the Directory in Active Directory Sites and Services.

Answer: B, D

Q29.

You are the global administrator for a company's Azure subscription. The company uses Azure Active Directory Premium and the Application Access Panel. You are configuring access to a Software as a Service (SaaS) application.

You need to ensure that the sales team lead is able to manage user access to the application but is unable to modify administrative access to the application.

In the Azure portal, what should you do?

- A Create an Azure group and assign it to the SaaS application. Create an Azure user with the User Admin role, and assign the user as the owner of the new group.
- B Create an Azure group and assign it to the SaaS application. Create an Azure user with the Service Admin role, and assign the user as the owner of the new group.
- C Set the values of the Delegated group management and Users can create groups settings to Enabled.
- D Create an Azure group and assign it to the SaaS application. Create an Azure user with the Global Admin role, and assign the user as the owner of the new group.

A29.

You are the global administrator for a company's Azure subscription. The company uses Azure Active Directory Premium and the Application Access Panel. You are configuring access to a Software as a Service (SaaS) application.

You need to ensure that the sales team lead is able to manage user access to the application but is unable to modify administrative access to the application.

In the Azure portal, what should you do?

- A Create an Azure group and assign it to the SaaS application. Create an Azure user with the User Admin role, and assign the user as the owner of the new group.
- B Create an Azure group and assign it to the SaaS application. Create an Azure user with the Service Admin role, and assign the user as the owner of the new group.
- C Set the values of the Delegated group management and Users can create groups settings to Enabled.
- D Create an Azure group and assign it to the SaaS application. Create an Azure user with the Global Admin role, and assign the user as the owner of the new group.

Answer: A

Q30.

You manage an application that has a front-end tier, a middle tier, and a back-end tier. Each tier is located on a different subnet.

You need to apply access to and between the tiers as follows:

- Only the front-end tier must be able to access the Internet.
- You must permit network access between the front-end tier and the middle tier.
- You must permit network access between the middle tier and the back-end tier.
- You must prevent all other network traffic.

You need to apply this configuration to all virtual machines inside the subnets.

What should you do?

- A Use a Network Security Group (NSG).
- B Add a VPN gateway.
- C Add a regional VNET.
- D Add an Availability Set.

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- You must prevent all other network traffic.

You need to apply this configuration to all virtual machines inside the subnets.

What should you do?

- A Use a Network Security Group (NSG).
- B Add a VPN gateway.
- C Add a regional VNET.
- D Add an Availability Set.

Answer: D

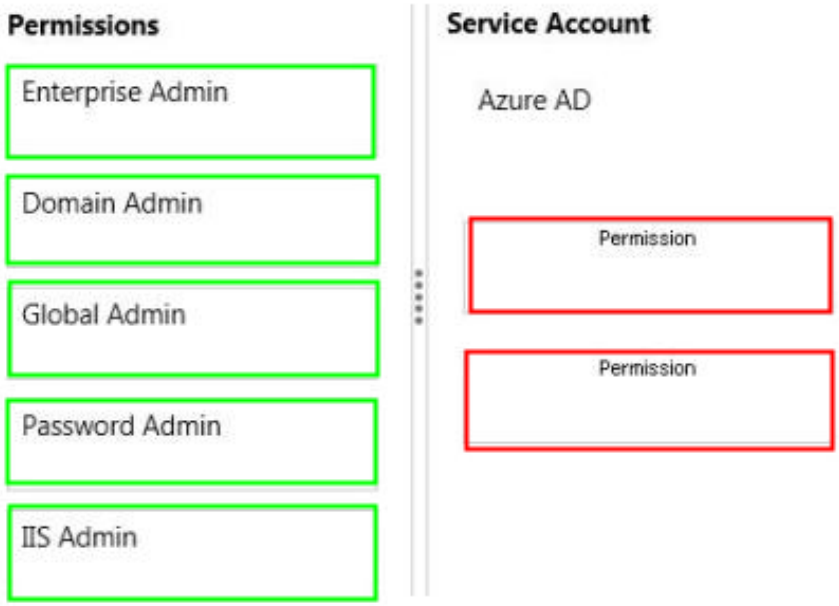
Q31.

Your company network includes a single forest with multiple domains. You plan to migrate from On-Premises Exchange to Exchange Online.

You want to provision the On-Premises Windows Active Directory (AD) and Azure Active Directory (Azure AD) service accounts.

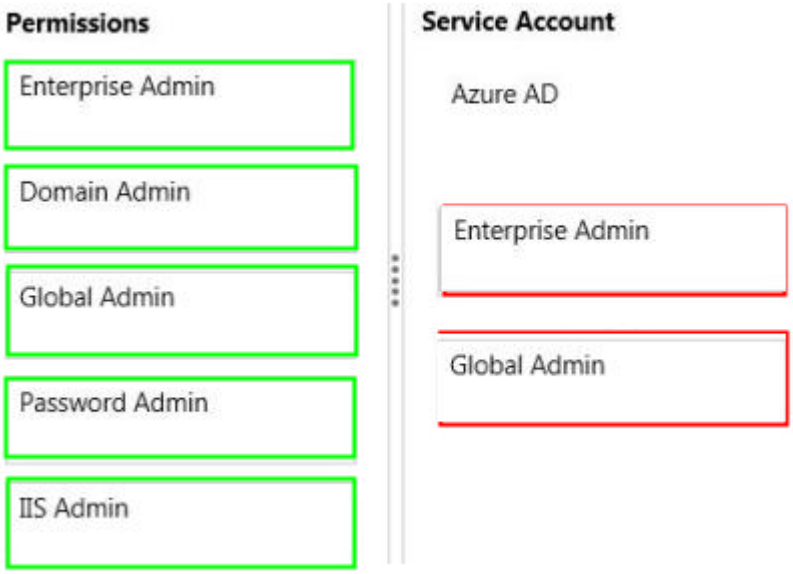
You need to set the required permissions for the Azure AD service account.

Which settings should you use? To answer, drag the appropriate permission to the service account. Each permission may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



A31.

Answer:

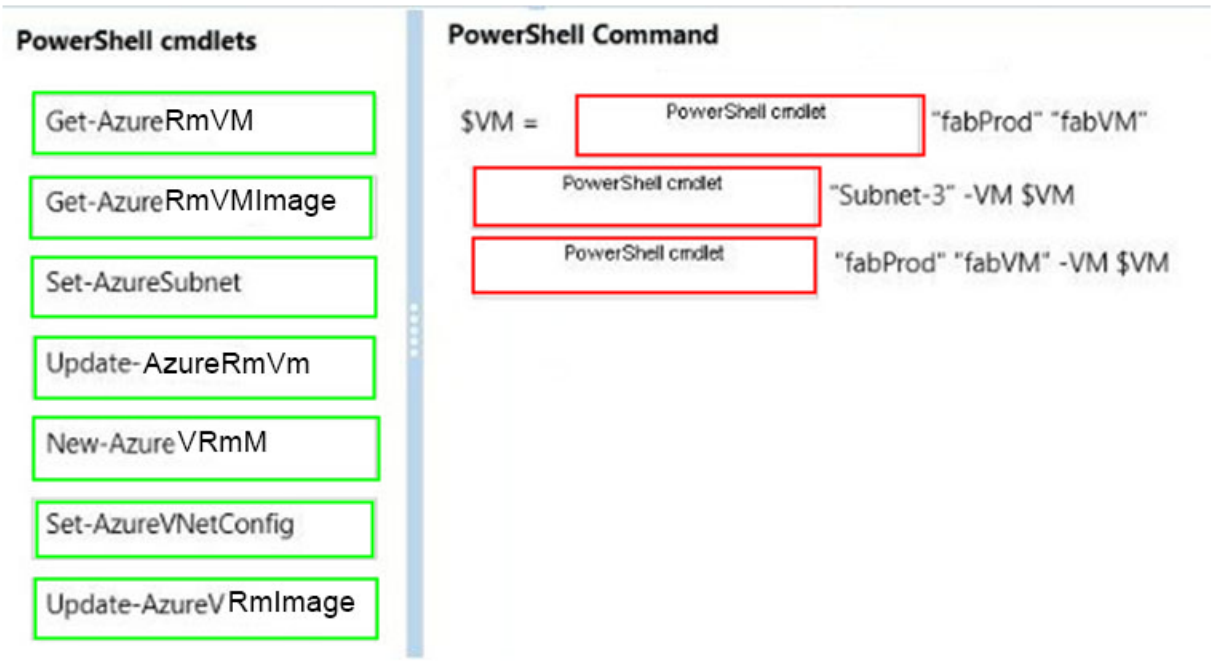


Q32.

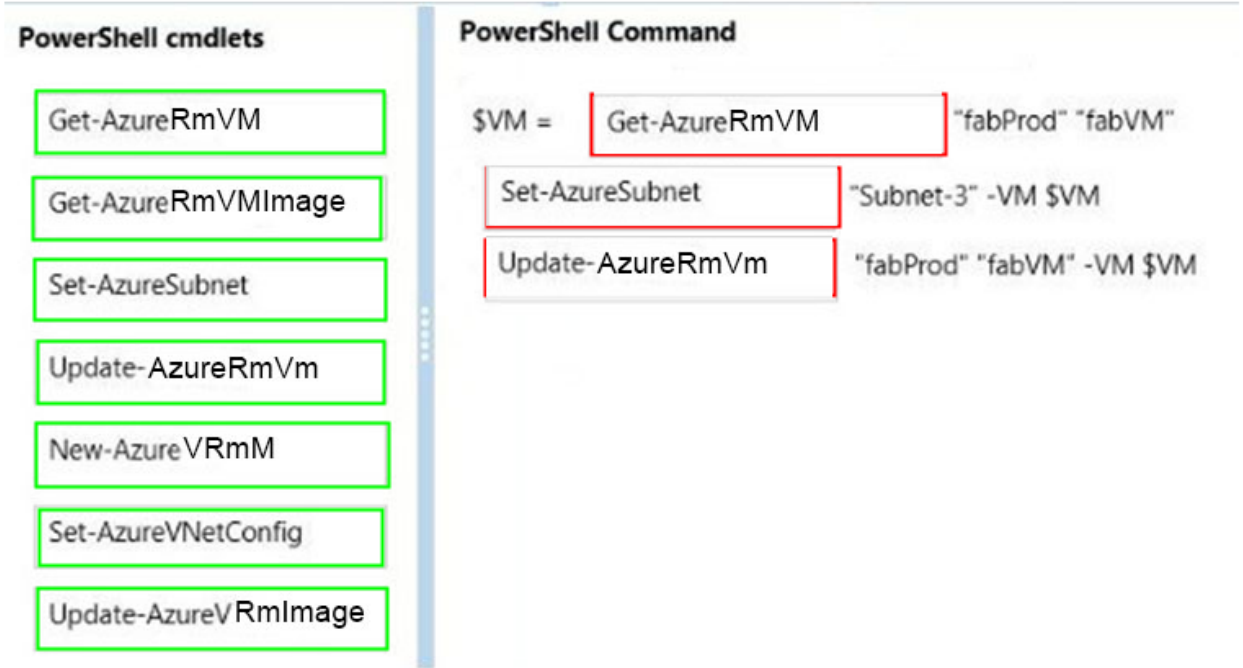
You have an Azure Virtual Network named fabVNet with three subnets named Subnet-1, Subnet-2 and Subnet-3. You have a virtual machine (VM) named fabVM running in the fabProd service.

You need to modify fabVM to be deployed into Subnet-3. You want to achieve this goal by using the least amount of time and while causing the least amount of disruption to the existing deployment.

What should you do? To answer, drag the appropriate PowerShell cmdlet to the correct location in the PowerShell command. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



A32.



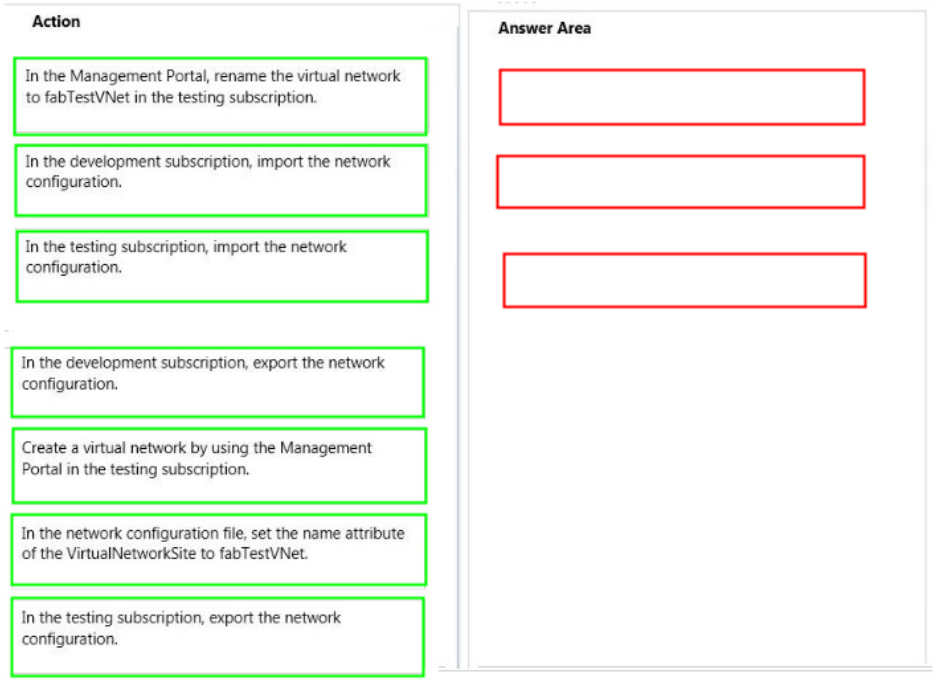
Q33.

Your development team has created a new solution that is deployed in a virtual network named fabDevVNet.

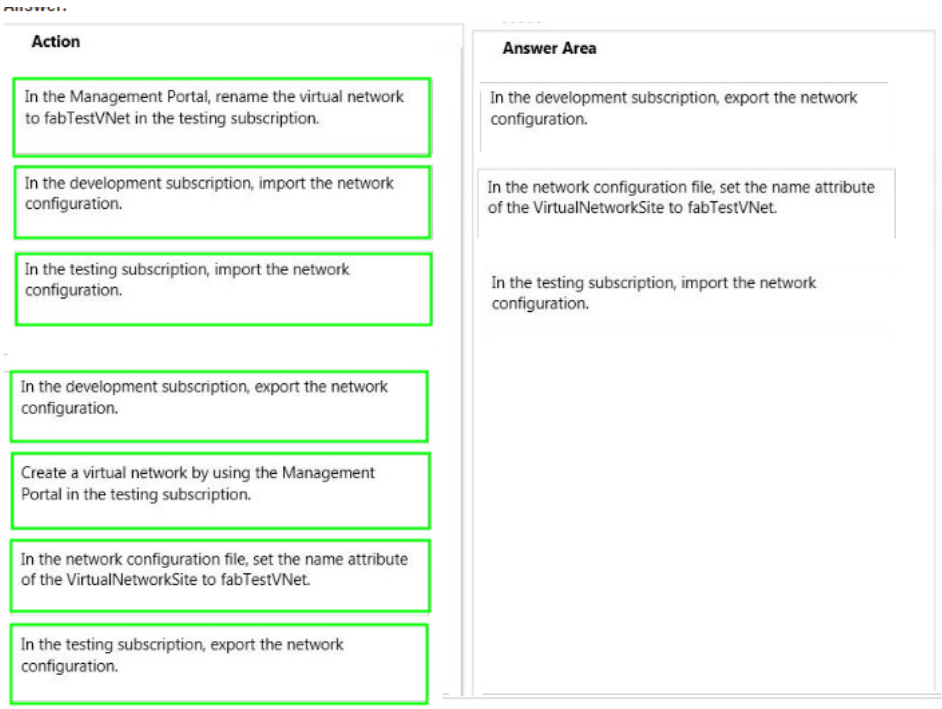
Your testing team wants to begin testing the solution in a second Azure subscription.

You need to create a virtual network named fabTestVNet that is identical to fabDevVNet. You want to achieve this goal by using the least amount of administrative effort.

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



A33.



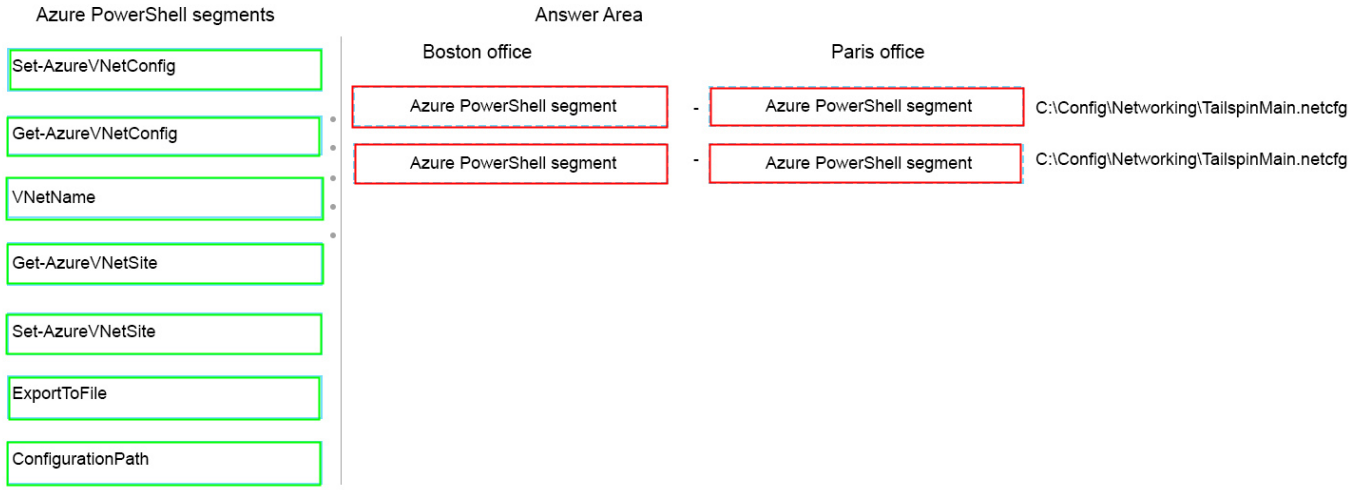
Q34.

You manage an Azure virtual network environment for a company that has an office in Boston. The company plans to open a new office location in Paris.

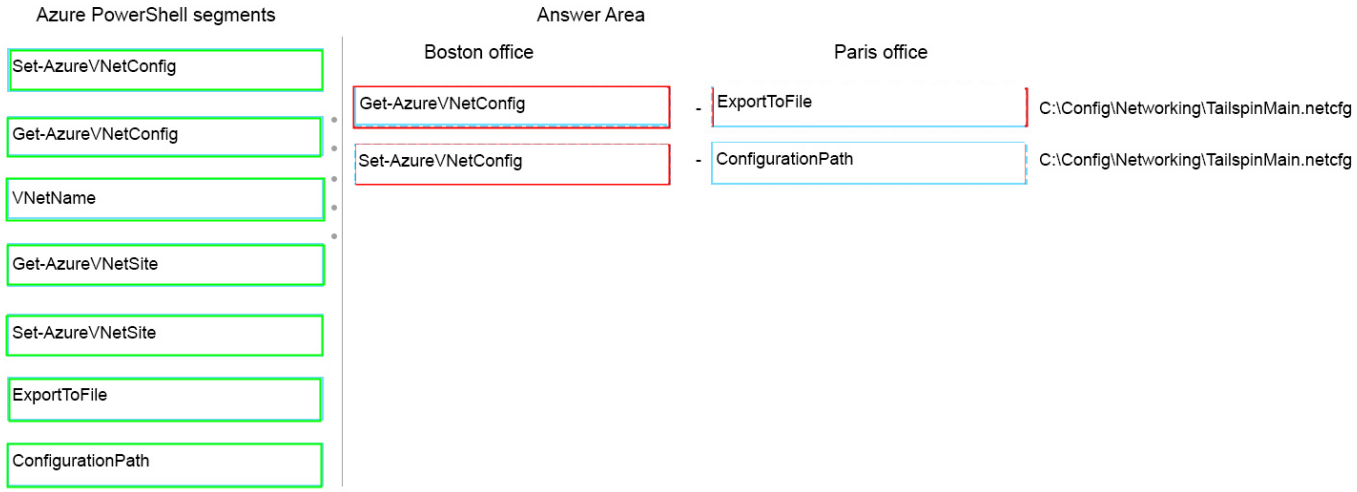
You must replicate the Boston virtual network environment in Paris.

How should you complete the relevant Azure PowerShell commands? To answer, drag the appropriate Azure PowerShell segment to the correct location.

Each Azure PowerShell segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



A34.



Q35.

You are an administrator of an Azure subscription for your company.

Management asks you to configure Azure permissions for a user in your Azure Active Directory (Azure AD). The user must be able to perform all actions on the virtual machines (VMs). The user must not be allowed to create and manage availability sets for the VMs.

You need to implement the required permissions with the least administrative effort.
How should you assign permissions?

- A Use Windows PowerShell to assign the Classic Virtual Machine Contributor role to the user.
- B Use Windows PowerShell to create a custom role from the Virtual Machine Contributor role and then use NotActions to customize the role permissions.
- C Implement a custom role through the Azure Portal and customize the role by adding the appropriate permissions.
- D Assign the Virtual Machine Contributor role to the user.

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- C Implement a custom role through the Azure Portal and customize the role by adding the appropriate permissions.
- D Assign the Virtual Machine Contributor role to the user.

Answer: A

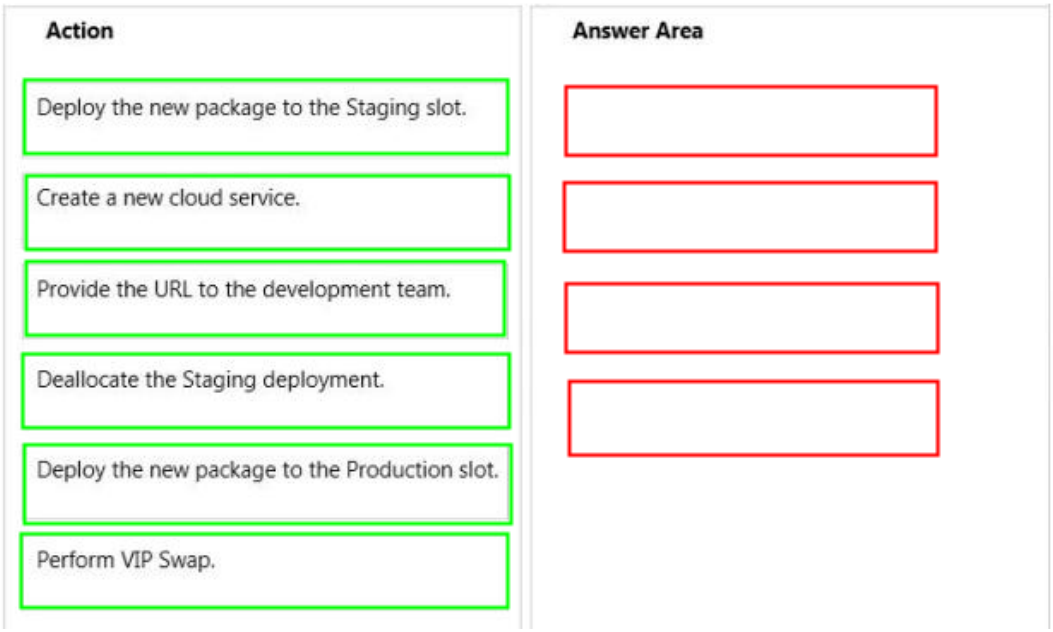
Q36.

You manage an application hosted on cloud services. The development team creates a new version of the application. The updated application has been packaged and stored in an Azure Storage account.

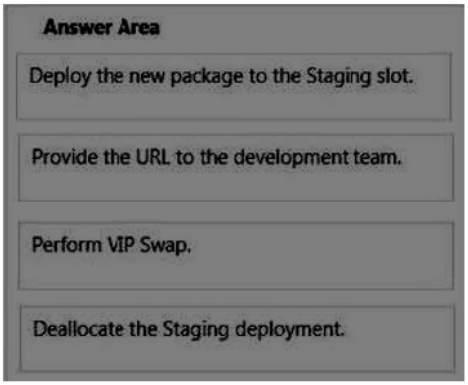
You have the following requirements:

- Deploy the latest version of the application to production with the least amount of downtime.
- Ensure that the updated application can be tested prior to deploying to the Production site.
- Ensure that the original version of the application can be restored until the new version is verified.

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



A36.



Once you have uploaded the compiled package to Azure Storage, you would create a new staging deployment. You can then provide the URL to the development team. Once approved, you would promote the new deployment to production by performing a VIP swap. You can then stop the instance of the old production deployment and keep it at hand in the staging slot.

Q37.

You are designing a Windows Azure application that will store data in two SQL Azure databases. The application will insert data in both databases as part of a single logical operation. You need to recommend an approach for maintaining data consistency across the databases.

What should you recommend?

- A Execute database calls on parallel threads.
- B Wrap the database calls in a single transaction scope.
- C Use Microsoft Distributed Transaction Coordinator (MSDTC).
- D Handle errors resulting from the database calls by using compensatory logic.

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- C Use Microsoft Distributed Transaction Coordinator (MSDTC).
- D Handle errors resulting from the database calls by using compensatory logic.

Answer: C

Q38.

You manage a cloud service that utilizes an Azure Service Bus queue.

You need to ensure that messages that are never consumed are retained.

What should you do?

- A Check the MOVE TO THE DEAD-LETTER SUBQUEUE option for Expired Messages in the Azure Portal.
- B From the Azure Management Portal, create a new queue and name it Dead-Letter.
- C Execute the **Set-AzureServiceBus** PowerShell cmdlet.
- D Execute the **New-AzureSchedulerStorageQueueJob** PowerShell cmdlet.

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Answer: A

Q39.

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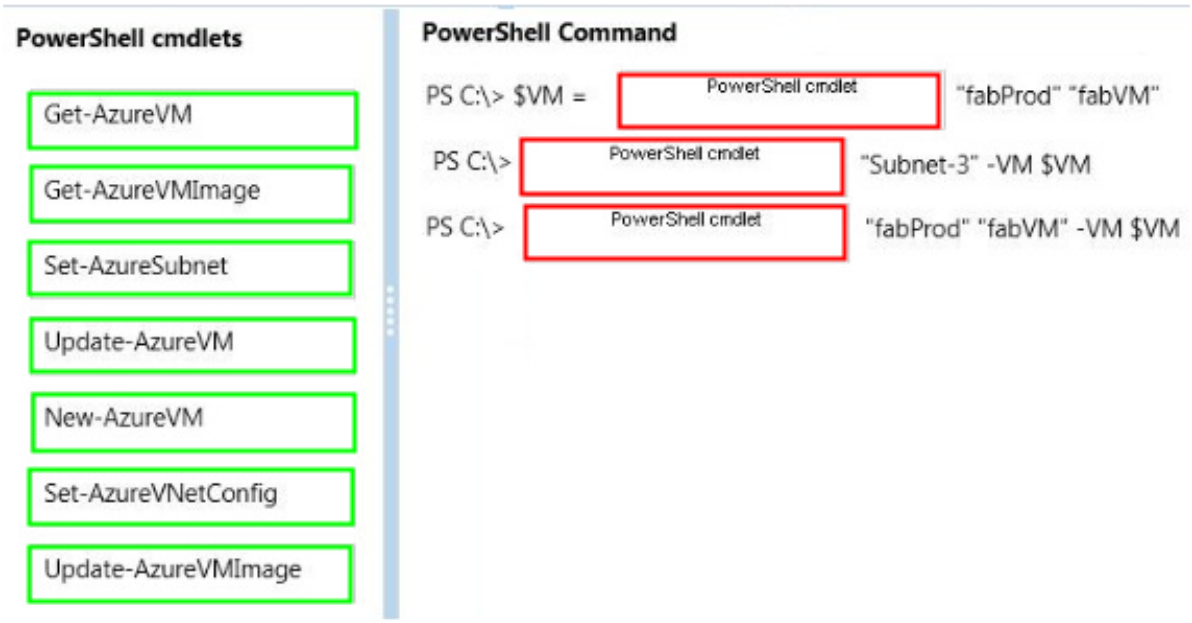
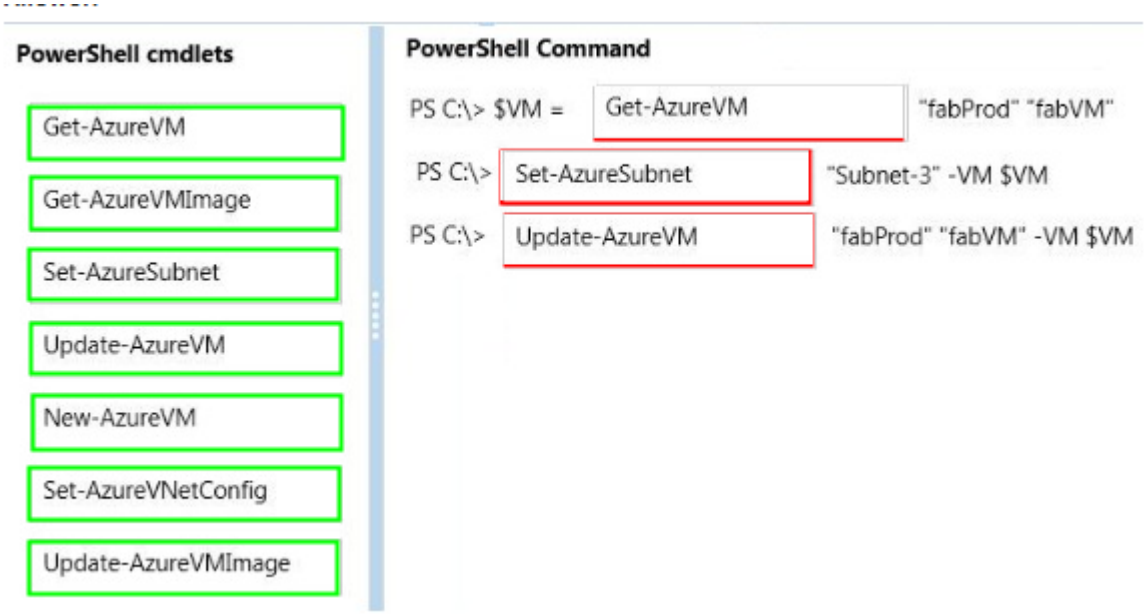
You need to modify fabVM to be deployed into Subnet-3. You want to achieve this goal by using the least amount of time and while causing the least amount of disruption to the existing deployment.

What should you do? To answer, drag the appropriate PowerShell cmdlet to the correct location in the PowerShell command. Each cmdlet may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.



A39.



Q40.

Your company is launching a public website that allows users to stream videos.

You upload multiple video files to an Azure storage container.

You need to give anonymous users read access to all of the video files in the storage container.

What should you do?

- A Edit each blob's metadata and set the access policy to Public Blob.
- B Edit the container metadata and set the access policy to Public Container.
- C Move the files into a container sub-directory and set the directory access level toPublic Blob.
- D Edit the container metadata and set the access policy to Public Blob.

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- B Edit the container metadata and set the access policy to Public Container.
- C Move the files into a container sub-directory and set the directory access level toPublic Blob.
- D Edit the container metadata and set the access policy to Public Blob.

Answer: D

Q41.

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1 that has a domain name of tenant1.onmicrosoft.com.

You need to add the contoso.com domain name to Tenant1.

Which DNS record should you add to the contoso.com zone to be able to verify from Azure whether you own the contoso.com domain?

- A standard alias (CNAME)
- B text (TXT)
- C host (AAAA)
- D DNSKEY

A41.

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Which DNS record should you add to the contoso.com zone to be able to verify from Azure whether you own the contoso.com domain?

- A standard alias (CNAME)
- B text (TXT)
- C host (AAAA)
- D DNSKEY

Answer: A

Q42.

You plan to use Password Sync on your DirSync Server with Azure Active Directory (Azure AD) on your company network. You configure the DirSync server and complete an initial synchronization of the users.

Several remote users are unable to log in to Office 365. You discover multiple event log entries for "Event ID 611 Password synchronization failed for domain."

You need to resolve the password synchronization issue.

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

- ☐ A Restart Azure AD Sync Service.
- ☐ B Run the **Set-FullPasswordSync** PowerShell cmdlet.
- ☐ C Force a manual synchronization on the DirSync server.
- ☐ D Add the DirSync service account to the Schema Admins domain group.

A42.

You plan to use Password Sync on your DirSync Server with Azure Active Directory (Azure AD) on your company network. You configure the DirSync server and complete an initial synchronization of the users.

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- ☐ B Run the **Set-FullPasswordSync** PowerShell cmdlet.
- ☐ C Force a manual synchronization on the DirSync server.
- ☐ D Add the DirSync service account to the Schema Admins domain group.

Answer: A, B

Explanation:

The Set-FullPasswordSync PowerShell cmdlet resets the password sync state information forcing a full sync the next time the service is restarted. Then we need to restart the service to initiate the sync.

Q43.

You manage an Azure Web App.

You need to move the Web App to a new App Service plan.

How should you complete the Azure PowerShell script? To answer, drag the appropriate Azure PowerShell cmdlets to the correct locations. Each Azure PowerShell cmdlets may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Azure PowerShell segments

- Get-AzureRmResource
- Move-AzureRmResource
- Set-AzureRmResource
- Find-AzureRmResource
- Invoke-AzureRmResourceAction
- New-AzureRmPolicyAssignment

A43.

```
$webapp = [Azure PowerShell segment] -ResourceGroupName OldGroup `
    -ResourceName "WebApp" -ResourceType "Microsoft.Web/sites"
$plan = [Azure PowerShell segment] -ResourceGroupName "Old Group" `
    -ResourceName "Plan" -ResourceType "Microsoft.Web/serverFarms"
    [Azure PowerShell segment] -DestinsationResourceGroupName "New Group" -ResourceId `
($webapp.ResourceId, $plan.ResourceId) -DestinationSubscriptionId xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
```

Q44.

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1

You need to configure the integration of Tenant1 and Google Apps.

You perform the required configuration on the google apps tenant.

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

- A Configure directory integration.
- B Enable application integration
- C Add a custom domain.
- D Configure Single-Sign On (SSO)
- E Add a multi-factor authentication provider.

A44.

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1

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- D Configure Single-Sign On (SSO)
- E Add a multi-factor authentication provider.

Answer: A, C, D

Q45.

You manage an on-premises monitoring platform. You plan to deploy virtual machines (VMs) in Azure.

You must use existing on-premises monitoring solutions for Azure VMs. You must maximize security for any communication between Azure and the on-premises environment.

You need to ensure that Azure alerts are sent to the on-premises solution.

What should you do?

- A Enable App Service Authentication for the VMs.
- B Configure a basic authorization webhook.
- C Deploy an HDInsight cluster.
- D Configure a token-based authorization webhook.

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What should you do?

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- B Configure a basic authorization webhook.
- C Deploy an HDInsight cluster.
- D Configure a token-based authorization webhook.

Answer: D

Q46.

You manage a software-as-a-service application named SaasApp1 that provides user management features in a multi-directory environment.

You plan to offer SaasApp1 to other organizations that use Azure Active Directory.

You need to ensure that SaasApp1 can access directory objects.

What should you do?

- A Configure the Federation Metadata URL.
- B Register SaasApp1 as a native client application.
- C Register SaasApp1 as a web application.
- D Configure the Graph API.

A46.

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What should you do?

- A Configure the Federation Metadata URL.
- B Register SaasApp1 as a native client application.
- C Register SaasApp1 as a web application.
- D Configure the Graph API.

Answer: D

Explanation:

The Azure Active Directory Graph API provides programmatic access to Azure AD through REST API endpoints. Applications can use the Graph API to perform create, read, update, and delete (CRUD) operations on directory data and objects. For example, the Graph API supports the following common operations for a user object:

Q47.

Your company has recently signed up for Azure.

You plan to register a Data Protection Manager (DPM) server with the Azure Backup service.

You need to recommend a method for registering the DPM server with the Azure Backup vault.

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

- ☐ A Import a self-signed certificate created using the makecert tool.
- ☐ B Import a self-signed certificate created using the createcert tool.
- ☐ C Import an X.509 v3 certificate with valid clientauthentication EKU.
- ☐ D Import an X.509 v3 certificate with valid serverauthentication EKU.

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- ☐ B Import a self-signed certificate created using the createcert tool.
- ☐ C Import an X.509 v3 certificate with valid clientauthentication EKU.
- ☐ D Import an X.509 v3 certificate with valid serverauthentication EKU.

Answer: A, C

Q48.

Note: This question is part of 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. After you answer a question in this sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You use Azure Resource Manager (ARM) templates to deploy resources.

You need to ensure that storage resources defined in templates cannot be deleted.

Solution: You define the following JSON in the template.

```
"resources": [
     {
          "name": "[concat(parameters('lockedResource'), '/Microsoft.Authorization/myLock')]",
          "type": "Microsoft.Authorization/locks",
          "apiVersion": "2015-01-01",
          "properties": {
               "level": "ReadOnly"
          }
     }
]
```

Does the solution meet the goal?

- A Yes
- B No

A48.

Does the solution meet the goal?

- A Yes
- B No

Answer: A

Q49.

You are the Azure administrator for Contoso Ltd. You plan to use SharePoint Online to facilitate collaboration with a partner company named Fabrikam, Inc.

You have the following collaboration requirements:

- Sharing of resources must be enabled by using invitations generated by individual users.
- Site owners must not be able to override corporate policies.
- Users must not be able to send invitations to users outside of the Fabrikam, Inc. domain.
- Contoso Ltd. must not be required to manage user accounts for Fabrikam, Inc.

You need to configure SharePoint Online.

Which configuration setting should you use? To answer, select the appropriate options in the answer area.

Setting	Option
Security level	tenant site collection site
Sharing	Do not alow sharing outside your organization Allow users to invite and share with authenticated external users Allow sharing to authenticated external users and using anonymous access links
Domain sharing	Do not allow sharing with users from these blocked domains Allow sharing only with users from these domains

A49.

Setting	Option
Security level	**tenant** site collection site
Sharing	Do not alow sharing outside your organization **Allow users to invite and share with authenticated external users** Allow sharing to authenticated external users and using anonymous access links
Domain sharing	Do not allow sharing with users from these blocked domains **Allow sharing only with users from these domains**

Q50.

You have a virtual network and virtual machines that use the Resource Manager deployment model.

You plan to create a Network Security Group (NSG). You must apply rules to both inbound and outbound traffic.

You need to create the NSG.

In which order will the rules be applied to the virtual network? To answer, drag the appropriate option to the correct location.

Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Options

- subnet
- network interface
- virtual machine
- Internet
- virtual network
- load balancer

Answer Area

Rule application order	Inbound traffic rule	Outbound traffic rule
First	option	option
Second	option	option

A50.

Options

- subnet
- network interface
- virtual machine
- Internet
- virtual network
- load balancer

Answer Area

Rule application order	Inbound traffic rule	Outbound traffic rule
First	subnet	network interface
Second	network interface	subnet