

Question #1Topic 1

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.

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You have an Azure subscription that contains the following users in an Azure Active Directory tenant named contoso.onmicrosoft.com:

User1 creates a new Azure Active Directory tenant named external.contoso.onmicrosoft.com.

You need to create new user accounts in external.contoso.onmicrosoft.com.

Solution: You instruct User2 to create the user accounts.

Does that meet the goal?

A. Yes

B. No

Question #2Topic 1

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You have an Azure subscription that contains the following users in an Azure Active Directory tenant named contoso.onmicrosoft.com:

User1 creates a new Azure Active Directory tenant named external.contoso.onmicrosoft.com.

You need to create new user accounts in external.contoso.onmicrosoft.com.

Solution: You instruct User4 to create the user accounts.

Does that meet the goal?

A. Yes

B. No

Question #3Topic 1

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You have an Azure subscription that contains the following users in an Azure Active Directory tenant named contoso.onmicrosoft.com:

User1 creates a new Azure Active Directory tenant named external.contoso.onmicrosoft.com.

You need to create new user accounts in external.contoso.onmicrosoft.com.

Solution: You instruct User3 to create the user accounts.

Does that meet the goal?

A. Yes

B. No

Question #4

HOTSPOT -

You have an Azure subscription named Subscription1 that contains a resource group named RG1.

In RG1, you create an internal load balancer named LB1 and a public load balancer named LB2.

You need to ensure that an administrator named Admin1 can manage LB1 and LB2. The solution must follow the principle of least privilege.

Which role should you assign to Admin1 for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

To add a backend pool to LB1:

Contributor on LB1
Network Contributor on LB1
Network Contributor on RG1
Owner on LB1

To add a health probe to LB2:

Contributor on LB2
Network Contributor on LB2
Network Contributor on RG1

Question #5Topic 1

You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant named contoso.com and an Azure Kubernetes Service (AKS) cluster named AKS1.

An administrator reports that she is unable to grant access to AKS1 to the users in contoso.com.

You need to ensure that access to AKS1 can be granted to the contoso.com users.

What should you do first?

A. From contoso.com, modify the Organization relationships settings.

B. From contoso.com, create an OAuth 2.0 authorization endpoint.

C. Recreate AKS1.

D. From AKS1, create a namespace.

Question #6Topic 1

You have a Microsoft 365 tenant and an Azure Active Directory (Azure AD) tenant named contoso.com.

You plan to grant three users named User1, User2, and User3 access to a temporary Microsoft SharePoint document library named Library1.

You need to create groups for the users. The solution must ensure that the groups are deleted automatically after 180 days.

Which two groups should you create? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. an Office 365 group that uses the Assigned membership type

B. a Security group that uses the Assigned membership type

C. an Office 365 group that uses the Dynamic User membership type

D. a Security group that uses the Dynamic User membership type

E. a Security group that uses the Dynamic Device membership type

User3 can perform an access review of User1

☐☐

User3 can perform an access review of UserA

☐☐

User3 can perform an access review of UserB

☐☐

Hide Solution

Discussion 13

Answer Area

Correct Answer:

Statements

User3 can perform an access review of User1

Yes

☐

No

☒

User3 can perform an access review of UserA

☐☒

User3 can perform an access review of UserB

☒☐

You create the Azure policies shown in the following table:

Name	Parameter	Scope
Not allowed resource types	virtualNetworks	Tenant Root Group
Allowed resource types	virtualNetworks	ManagementGroup12

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
You can create a virtual network in Subscription1.	<input type="radio"/>	<input checked="" type="radio"/>
You can create a virtual machine in Subscription2.	<input checked="" type="radio"/>	<input type="radio"/>
You can add Subscription1 to ManagementGroup11.	<input type="radio"/>	<input checked="" type="radio"/>

What is the effect of the policy?

- A. You are prevented from creating Azure SQL servers anywhere in Subscription 1.
- B. You can create Azure SQL servers in ContosoRG1 only.
- C. You are prevented from creating Azure SQL Servers in ContosoRG1 only.
- D. You can create Azure SQL servers in any resource group within Subscription 1.

To RG6, you apply the tag: RGroup: RG6.

You deploy a virtual network named VNET2 to RG6.

Which tags apply to VNET1 and VNET2? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

VNET1:

	▼
None	
Department: D1 only	
Department: D1, and RGroup: RG6 only	
Department: D1, and Label: Value1 only	
Department: D1, RGroup: RG6, and Label: Value1	

VNET2:

	▼
None	
RGroup: RG6 only	
Label: Value1 only	
RGroup: RG6, and Label: Value1	

Question #11Topic 1

You have an Azure subscription named AZPT1 that contains the resources shown in the following table:

You create a new Azure subscription named AZPT2.

You need to identify which resources can be moved to AZPT2.

Which resources should you identify?

- A. VM1, storage1, VNET1, and VM1Managed only
- B. VM1 and VM1Managed only
- C. VM1, storage1, VNET1, VM1Managed, and RVAULT1
- D. RVAULT1 only

Question #12Topic 1

You recently created a new Azure subscription that contains a user named Admin1.

Admin1 attempts to deploy an Azure Marketplace resource by using an Azure Resource Manager template. Admin1 deploys the template by using Azure

PowerShell and receives the following error message: "User failed validation to purchase resources. Error message: "Legal terms have not been accepted for this item on this subscription. To accept legal terms, please go to the Azure portal (<http://go.microsoft.com/fwlink/?LinkId=534873>) and configure programmatic deployment for the Marketplace item or create it there for the first time."

You need to ensure that Admin1 can deploy the Marketplace resource successfully.

What should you do?

- A. From Azure PowerShell, run the Set-AzApiManagementSubscription cmdlet
- B. From the Azure portal, register the Microsoft.Marketplace resource provider
- C. From Azure PowerShell, run the Set-AzMarketplaceTerms cmdlet
- D. From the Azure portal, assign the Billing administrator role to Admin1

Question #13Topic 1

You have an Azure Active Directory (Azure AD) tenant that contains 5,000 user accounts.

You create a new user account named AdminUser1.

You need to assign the User administrator administrative role to AdminUser1.

What should you do from the user account properties?

- A. From the Licenses blade, assign a new license
- B. From the Directory role blade, modify the directory role
- C. From the Groups blade, invite the user account to a new group

Question #14Topic 1

You have an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com that contains 100 user accounts.

You purchase 10 Azure AD Premium P2 licenses for the tenant.

You need to ensure that 10 users can use all the Azure AD Premium features.

What should you do?

- A. From the Licenses blade of Azure AD, assign a license
- B. From the Groups blade of each user, invite the users to a group
- C. From the Azure AD domain, add an enterprise application
- D. From the Directory role blade of each user, modify the directory role

Question #15Topic 1

You have an Azure subscription named Subscription1 and an on-premises deployment of Microsoft System Center Service Manager.

Subscription1 contains a virtual machine named VM1.

You need to ensure that an alert is set in Service Manager when the amount of available memory on VM1 is below 10 percent.

What should you do first?

- A. Create an automation runbook
- B. Deploy a function app
- C. Deploy the IT Service Management Connector (ITSM)
- D. Create a notification

Question #16Topic 1

You sign up for Azure Active Directory (Azure AD) Premium.

You need to add a user named admin1@contoso.com as an administrator on all the computers that will be joined to the Azure AD domain.

What should you configure in Azure AD?

- A. Device settings from the Devices blade
- B. Providers from the MFA Server blade
- C. User settings from the Users blade
- D. General settings from the Groups blade

You create following security groups in Contoso.com:

Name	Membership Type	Owner
Group1	Assigned	User2
Group2	Dynamic Device	User2

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
User1 can add Device2 to Group1	<input type="radio"/>	<input checked="" type="radio"/>
User2 can add Device1 to Group1	<input checked="" type="radio"/>	<input type="radio"/>
User2 can add Device2 to Group2	<input type="radio"/>	<input checked="" type="radio"/>

Question #18Topic 1

You have an Azure subscription that contains a resource group named RG26.

RG26 is set to the West Europe location and is used to create temporary resources for a project. RG26 contains the resources shown in the following table.

SQLDB01 is backed up to RGV1.

When the project is complete, you attempt to delete RG26 from the Azure portal. The deletion fails.

You need to delete RG26.

What should you do first?

A. Delete VM1

B. Stop VM1

C. Stop the backup of SQLDB01

D. Delete sa001

Question #19Topic 1

You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. VNet1 is in a resource group named RG1.

Subscription1 has a user named User1. User1 has the following roles:

- ☞ Reader
- ☞ Security Admin

Security Reader -

You need to ensure that User1 can assign the Reader role for VNet1 to other users.

What should you do?

- A. Remove User1 from the Security Reader role for Subscription1. Assign User1 the Contributor role for RG1.
- B. Assign User1 the Owner role for VNet1.**
- C. Remove User1 from the Security Reader and Reader roles for Subscription1.
- D. **Assign User1 the Network Contributor role for RG1.**

Question #20Topic 1

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

Your company has a public DNS zone for contoso.com.

You add contoso.com as a custom domain name to Azure AD.

You need to ensure that Azure can verify the domain name.

Which type of DNS record should you create?

- A. MX**
- B. NSEC
- C. PTR
- D. RRSIG

Question #21Topic 1

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You have an Azure Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers.

Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the DevTest Labs User role to the Developers group.

Does this meet the goal?

A. Yes

B. No

Question #22Topic 1

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You have an Azure Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers.

Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the Logic App Operator role to the Developers group.

Does this meet the goal?

A. Yes

B. No

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You have an Azure Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers.

Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Dev, you assign the Contributor role to the Developers group.

Does this meet the goal?

A. Yes

B. No

Hide Solution

Discussion 4

Actions	Answer Area
Assign a tag to each resource group.	Assign a tag to each resource.
Assign a tag to each resource.	From the Cost analysis blade, filter the view by tag.
Download the usage report.	Download the usage report.
From the Cost analysis blade, filter the view by tag.	
Open the Resource costs blade of each resource group.	

Correct Answer:

Box 1: Assign a tag to each resource.

Question #25Topic 1

You have an Azure subscription named Subscription1 that contains an Azure Log Analytics workspace named Workspace1.

You need to view the error from a table named Event.

Which query should you run in Workspace1?

A. Get-Event Event | where {\$_. EventType == "error"}

B. Event | search "error"

C. search in (Event)* | where EventType ""eq "error"

D. Get-Event Event | where {\$_.EventTye ""eq "error"}

Answer Area			
Statements		Yes	No
Correct Answer:	VM1 and VM2 can connect to VNET1	<input checked="" type="radio"/>	<input type="radio"/>
	If an Azure datacenter becomes unavailable, VM1 or VM2 will be available.	<input checked="" type="radio"/>	<input type="radio"/>
	If the East US 2 region becomes unavailable, VM1 or VM2 will be available.	<input type="radio"/>	<input checked="" type="radio"/>

Question #27Topic 1

You have an Azure subscription named Subscription1. Subscription1 contains the resource groups in the following table.

RG1 has a web app named WebApp1. WebApp1 is located in West Europe.

You move WebApp1 to RG2.

What is the effect of the move?

- A. The App Service plan for WebApp1 remains in West Europe. Policy2 applies to WebApp1.
- B. The App Service plan for WebApp1 moves to North Europe. Policy2 applies to WebApp1.
- C. The App Service plan for WebApp1 remains in West Europe. Policy1 applies to WebApp1.
- D. The App Service plan for WebApp1 moves to North Europe. Policy1 applies to WebApp1.

```

"assignableScopes": [
  "/subscriptions/c276fc76-9cd4-44c9-99a7-4fd71546436e"
  "/subscriptions/c276fc76-9cd4-44c9-99a7-4fd71546436e/resourceGroups"
],
"permissions": [
  {
    "actions": [
      "*"
    ],
    "additionalProperties": {},
    "dataActions": [],
    "notActions": [
      "Microsoft.Authorization/"
      "Microsoft.Resources/"
      "Microsoft.Security/"
    ],
    "notDataActions": []
  }
]

```

Question #29Topic 1

You have an Azure subscription.

Users access the resources in the subscription from either home or from customer sites. From home, users must establish a point-to-site VPN to access the Azure resources. The users on the customer sites access the Azure resources by using site-to-site VPNs.

You have a line-of-business-app named App1 that runs on several Azure virtual machine. The virtual machines run Windows Server 2016.

You need to ensure that the connections to App1 are spread across all the virtual machines.

What are two possible Azure services that you can use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. an internal load balancer

B. a public load balancer

C. an Azure Content Delivery Network (CDN)

D. Traffic Manager

E. an Azure Application Gateway

Question #30Topic 1

You have an Azure subscription.

You have 100 Azure virtual machines.

You need to quickly identify underutilized virtual machines that can have their service tier changed to a less expensive offering.

Which blade should you use?

A. Monitor

B. Advisor

C. Metrics

D. Customer insights

Correct Answer:

Assignments

Users and groups ⓘ	>
0 users and groups selected	
Cloud apps ⓘ	>
0 cloud apps selected	
Conditions ⓘ	>
0 conditions selected	

Access controls

Grant ⓘ	>
0 controls selected	
Session ⓘ	⌵

Question #32Topic 1

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

The User administrator role is assigned to a user named Admin1.

An external partner has a Microsoft account that uses the user1@outlook.com sign in.

Admin1 attempts to invite the external partner to sign in to the Azure AD tenant and receives the following error message: "Unable to invite user user1@outlook.com "" Generic authorization exception."

You need to ensure that Admin1 can invite the external partner to sign in to the Azure AD tenant.

What should you do?

- A. From the Users blade, modify the External collaboration settings.
- B. From the Custom domain names blade, add a custom domain.
- C. From the Organizational relationships blade, add an identity provider.
- D. From the Roles and administrators blade, assign the Security administrator role to Admin1.

Question #33Topic 1

You have an Azure subscription that contains a user account named User1.

You need to ensure that User1 can assign a policy to the tenant root management group.

What should you do?

- A. Assign the Owner role for the Azure Subscription to User1, and then modify the default conditional access policies.
- B. Assign the Owner role for the Azure subscription to User1, and then instruct User1 to configure access management for Azure resources.
- C. Assign the Global administrator role to User1, and then instruct User1 to configure access management for Azure resources.
- D. Create a new management group and delegate User1 as the owner of the new management group.

To which groups do User1 and User2 belong? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

User1: ▼

Group1 only
Group2 only
Group3 only
Group1 and Group2 only
Group1 and Group3 only
Group2 and Group3 only
Group1, Group2, and Group3

User2: ▼

Group1 only
Group2 only
Group3 only
Group1 and Group2 only
Group1 and Group3 only
Group2 and Group3 only
Group1, Group2, and Group3

Answer Area

JobTitle: ▼

User1 only
User1 and User2 only
User1 and User3 only
User1, User2, and User3

UsageLocation: ▼

User1 only
User1 and User2 only
User1 and User3 only
User1, User2, and User3

Box 1: User1 and User3 only -

You must use Windows Server Active Directory to update the identity, contact info, or job info for users whose source of a

Question #36Topic 1

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You need to ensure that an Azure Active Directory (Azure AD) user named Admin1 is assigned the required role to enable Traffic Analytics for an Azure subscription.

Solution: You assign the Network Contributor role at the subscription level to Admin1.

Does this meet the goal?

A. Yes

B. No

Question #37Topic 1

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.

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You need to ensure that an Azure Active Directory (Azure AD) user named Admin1 is assigned the required role to enable Traffic Analytics for an Azure subscription.

Solution: You assign the Owner role at the subscription level to Admin1.

Does this meet the goal?

A. Yes

B. No

Question #38Topic 1

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You need to ensure that an Azure Active Directory (Azure AD) user named Admin1 is assigned the required role to enable Traffic Analytics for an Azure subscription.

Solution: You assign the Reader role at the subscription level to Admin1.

Does this meet the goal?

A. Yes

B. No

Question #39Topic 1

You have an Azure subscription that contains a user named User1.

You need to ensure that User1 can deploy virtual machines and manage virtual networks. The solution must use the principle of least privilege.

Which role-based access control (RBAC) role should you assign to User1?

- A. Owner
- B. Virtual Machine Contributor
- C. Contributor**
- D. Virtual Machine Administrator Login

Topic 2 - Question Set 2

Question #1Topic 2

You have an Azure Storage account named storage1.

You plan to use AzCopy to copy data to storage1.

You need to identify the storage services in storage1 to which you can copy the data.

What should you identify?

- A. blob, file, table, and queue
- B. blob and file only**
- C. file and table only
- D. file only
- E. blob, table, and queue only

Blob storage:

Azure Active Directory (Azure AD) only Shared access signatures (SAS) only Access keys and shared access signatures (SAS) only Azure Active Directory (Azure AD) and shared access signatures (SAS) only Azure Active Directory (Azure AD), access keys, and shared access signatures (SAS)
--

File storage:

Azure Active Directory (Azure AD) only Shared access signatures (SAS) only Access keys and shared access signatures (SAS) only Azure Active Directory (Azure AD) and shared access signatures (SAS) only Azure Active Directory (Azure AD), access keys, and shared access signatures (SAS)
--

Question #3Topic 2

You have an Azure subscription that contains an Azure Storage account.

You plan to create an Azure container instance named container1 that will use a Docker image named Image1. Image1 contains a Microsoft SQL Server instance that requires persistent storage.

You need to configure a storage service for Container1.

What should you use?

- A. Azure Files
- B. Azure Blob storage
- C. Azure Queue storage
- D. Azure Table storage

Question #4Topic 2

You have an app named App1 that runs on two Azure virtual machines named VM1 and VM2.

You plan to implement an Azure Availability Set for App1. The solution must ensure that App1 is available during planned maintenance of the hardware hosting

VM1 and VM2.

What should you include in the Availability Set?

- A. one update domain
- B. two fault domains
- C. one fault domain

D. two update domains

Answer Area

Storage accounts:

▼
storage1 only
storage2 only
storage3 only
storage1, storage2, and storage3

Log Analytics workspaces:

▼
Analytics1 only
Analytics2 only
Analytics3 only
Analytics1, Analytics2, and Analytics3

Hot Area:

Answer Area

If on September 2, 2018, you run Microsoft Azure Storage Explorer on a computer that has an IP address of 193.77.134.1, and you use SAS1 to connect to the storage account, you [answer choice].

▼
will be prompted for credentials
will have no access
will have read, write, and list access
will have read-only access

If on September 10, 2018, you run the net use command on a computer that has an IP address of 193.77.134.50, and you use SAS1 as the password to connect to share1, you [answer choice].

▼
will be prompted for credentials
will have no access
will have read, write, and list access
will have read-only access

Question #7Topic 2

You have an on-premises server that contains a folder named D:\Folder1.

You need to copy the contents of D:\Folder1 to the public container in an Azure Storage account named contosodata.

Which command should you run?

A. `https://contosodata.blob.core.windows.net/public`

B. `azcopy sync D:\folder1 https://contosodata.blob.core.windows.net/public --snapshot`

C. `azcopy copy D:\folder1 https://contosodata.blob.core.windows.net/public --recursive`

D. az storage blob copy start-batch D:\Folder1 <https://contosodata.blob.core.windows.net/public>

Question #8Topic 2

You have an Azure subscription named Subscription1 that contains the storage accounts shown in the following table:

You plan to use the Azure Import/Export service to export data from Subscription1.

You need to identify which storage account can be used to export the data.

What should you identify?

- A. storage1
- B. storage2
- C. storage3
- D. storage4

Answer Area

You can use [answer choice] for Azure Table Storage.

▼

storageaccount1 only
storageaccount2 only
storageaccount3 only
storageaccount1 and storageaccount2 only
storageaccount2 and storageaccount3 only

You can use [answer choice] for Azure Blob storage.

▼

storageaccount3 only
storageaccount2 and storageaccount3 only
storageaccount1 and storageaccount3 only
all the storage accounts

Correct Answer:

Box 1: storageaccount1 and storageaccount2 only

Question #10

You have Azure subscription that includes data in following locations:

Name	Type
container1	Blob container
share1	Azure files share
DB1	SQL database
Table1	Azure Table

You plan to export data by using Azure import/export job named Export1.

You need to identify the data that can be exported by using Export1.

Which data should you identify?

A. DB1

B. container1

C. Share1

D. Table1

You have an Azure Storage account named storage1.

You have an Azure Service app named App1 and an app named App2 that runs in an Azure container instance. Each

You need to ensure that App1 and App2 can read blobs from storage1. The solution must meet the following requirements:

- Minimize the number of secrets used.
- Ensure that App2 can only read from storage1 for the next 30 days.

What should you configure in storage1 for each app? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

App1:

	▼
Access keys	
Advanced security	
Access control (IAM)	
Shared access signatures (SAS)	

App2:

	▼
Access keys	
Advanced security	
Access control (IAM)	
Shared access signatures (SAS)	

Premium_LRS

Hide Solution

Discussion 9

Answer Area

```
az storage account create -g RG1 -n storageaccount1
```

Correct Answer:

--kind

	▼
BlobStorage	
Storage	
StorageV2	

--sku

	▼
Standard_GRS	
Standard_LRS	
Standard_RAGRS	
Premium_LRS	

Box 1: StorageV2 -

You have an Azure subscription that contains the resources in the following table.

Name	Type
RG1	Resource group
store1	Azure Storage account
Sync1	Azure File Sync

Store1 contains a file share named data. Data contains 5,000 files.

You need to synchronize the files in the file share named data to an on-premises server named Server1.

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

NOTE: Each correct selection is worth one point.

A. Create a container instance

B. Register Server1

C. Install the Azure File Sync agent on Server1

D. Download an automation script

E. Create a sync group

You assign the policy by using the following parameters:

Microsoft.ClassicNetwork/virtualNetworks

Microsoft.Network/virtualNetworks

Microsoft.Compute/virtualMachines

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
An administrator can move VNET1 to RG2	<input checked="" type="radio"/>	<input type="radio"/>
The state of VM1 changed to deallocated	<input type="radio"/>	<input checked="" type="radio"/>
An administrator can modify the address space of VNET2	<input type="radio"/>	<input checked="" type="radio"/>

Hide Solution

Discussion 4

Correct Answer:

Actions

From the Azure portal, update the import job

From the Azure portal, create an import job

Attach an external disk to Server1 and then run waimportexport.exe

Detach the external disks from Server1 and ship the disks to an Azure data center

Answer Area

Attach an external disk to Server1 and then run waimportexport.exe

From the Azure portal, create an import job

Detach the external disks from Server1 and ship the disks to an Azure data center

From the Azure portal, update the import job

At a high level, an import job involves the following steps:

Hide Solution

Discussion 22

Correct Answer:

Answer Area

Statements

Yes

No

share2 can be added as a cloud endpoint for Group1

☐☒

E:\Folder2 on Server1 can be added as a server endpoint for Group1

☒☐

D:\Data on Server2 can be added as a server endpoint for Group1

☒☐

Box 1: No -

Group1 already has a cloud endpoint named Share1.

A sync group must contain one cloud endpoint, which represents an Azure file share and one or more server endpoints.

Correct Answer:

Values

blob

contosostorage

file

portal.azure.com

blob.core.windows.net

data

file.core.windows.net

subscription1

Answer Area

\\

contosostorage

.

file.core.windows.net

\

data

Answer Area

azcopy

	▼
make	
sync	
copy	

Correct Answer:

'https://mystorageaccount.

	▼
blob	
dfs	
queue	
table	
images	
file	

.core.windows.net/vmimages'

Answer Area

File1:

	▼
Endpoint1 only	
Endpoint3 only	
Endpoint2 and Endpoint3 only	
Endpoint1, Endpoint2, and Endpoint3	

File2:

	▼
Endpoint2 only	
Endpoint3 only	
Endpoint2 and Endpoint3 only	
Endpoint1, Endpoint2, and Endpoint3	

Hot Area:

always
during a backup
never

always
during a backup
never

Your on-premises network contains servers that run Windows Server 2016. The servers are configured as shown in the following table.

Hot Area:

Statements	Yes	No
On the cloud endpoint, File1.txt is overwritten by File1.txt from Share1.	<input type="radio"/>	<input checked="" type="radio"/>
On Server1, File1.txt is overwritten by File1.txt from the cloud endpoint.	<input type="radio"/>	<input checked="" type="radio"/>
File1.txt from Share1 replicates to Share2.	<input checked="" type="radio"/>	<input type="radio"/>

You have an Azure subscription that contains the storage accounts shown in the following table.

Name	Kind	Performance	Replication	Access tier
storage1	Storage (general purpose v1)	Premium	Geo-redundant storage (GRS)	None
storage2	StorageV2 (general purpose v2)	Standard	Locally-redundant storage (LRS)	Cool
storage3	StorageV2 (general purpose v2)	Premium	Read-access geo-redundant storage (RA-GRS)	Hot
storage4	BlobStorage	Standard	Locally-redundant storage (LRS)	Hot

You need to identify which storage account can be converted to zone-redundant storage (ZRS) replication by requesting a live migration from Azure support. What should you identify?

- A. storage1
- B. storage2
- C. storage3
- D. storage4

Question #23Topic 2

You have an Azure subscription that contains a storage account named account1.

You plan to upload the disk files of a virtual machine to account1 from your on-premises network. The on-premises network uses a public IP address space of 131.107.1.0/24.

You plan to use the disk files to provision an Azure virtual machine named VM1. VM1 will be attached to a virtual network named VNet1. VNet1 uses an IP address space of 192.168.0.0/24.

You need to configure account1 to meet the following requirements:

- ☞ Ensure that you can upload the disk files to account1.
- ☞ Ensure that you can attach the disks to VM1.
- ☞ Prevent all other access to account1.

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

NOTE: Each correct selection is worth one point.

A. From the Firewalls and virtual networks blade of account1, select Selected networks.

B. From the Firewalls and virtual networks blade of account1, select Allow trusted Microsoft services to access this storage account.

C. From the Firewalls and virtual networks blade of account1, add the 131.107.1.0/24 IP address range.

D. From the Firewalls and virtual networks blade of account1, add VNet1.

E. From the Service endpoints blade of VNet1, add a service endpoint.

Correct Answer:

Actions	Answer Area
Install the Azure File Sync agent on Server1	Install the Azure File Sync agent on Server1
Create an Azure on-premises data gateway	Register Server1
Create a Recovery Services vault	Add a server endpoint
Register Server1	
Add a server endpoint	
Install the DFS Replication server role on Server1	

Correct Answer:

Answer Area

Replication:

Account type:

Box 1: Zone-redundant storage (ZRS)

Zone-redundant storage (ZRS) replicates your data synchronously across three storage clusters in a single region.

Question #26Topic 2

You plan to use the Azure Import/Export service to copy files to a storage account.

Which two files should you create before you prepare the drives for the import job? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. an XML manifest file

B. a dataset CSV file

C. a JSON configuration file

D. a PowerShell PS1 file

E. a driveset CSV file

Question #27Topic 2

You have a Recovery Service vault that you use to test backups. The test backups contain two protected virtual machines.

You need to delete the Recovery Services vault.

What should you do first?

A. From the Recovery Service vault, delete the backup data.

B. Modify the disaster recovery properties of each virtual machine.

C. Modify the locks of each virtual machine.

D. From the Recovery Service vault, stop the backup of each backup item.

Answer Area

Can use Vault1 for backups:

▼

VM1 only

VM1 and share1 only

VM1 and SQL1 only

VM1, storage1, and SQL1 only

VM1, blob1, share1, and SQL1

Correct Answer:

Can use Vault2 for backups:

▼

storage1 only

share1 only

VM1 and share1 only

blob1 and share1 only

storage1 and SQL1 only

Box 1: VM1 only -

VM1 is in the same region as Vault1.

Question #29Topic 2

You have an Azure subscription named Subscription1.

You have 5 TB of data that you need to transfer to Subscription1.

You plan to use an Azure Import/Export job.

What can you use as the destination of the imported data?

A. a virtual machine

B. an Azure Cosmos DB database

C. Azure File Storage

D. the Azure File Sync Storage Sync Service

Answer Area

The minimum number of copies of the storage account will be [answer choice]

Correct Answer:

▼

1

2

3

4

▼

Access tier (default)

Performance

Account kind

Replication

Box 1: 3 -

Locally Redundant Storage (LRS) provides highly durable and available storage within a single location (sub region). We maintain an equivalent of 3 copies (replicas) of your data within the primary location as described in our SOSP paper; this ensures that we can recover from common failures (disk, node, rack) wi

Topic 3 - Question Set 3

Question #1Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates.

You need to view the date and time when the resources were created in RG1.

Solution: From the RG1 blade, you click Automation script.

Does this meet the goal?

A. Yes

B. No

Question #2Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates.

You need to view the date and time when the resources were created in RG1.

Solution: From the RG1 blade, you click Deployments.

Does this meet the goal?

A. Yes

B. No

Question #3Topic 3

You have an Azure subscription named Subscription1.

You deploy a Linux virtual machine named VM1 to Subscription1.

You need to monitor the metrics and the logs of VM1.

What should you use?

A. Azure HDInsight

B. Linux Diagnostic Extension (LAD) 3.0

C. the AzurePerformanceDiagnostics extension

D. Azure Analysis Services

Answer Area

Internet users [answer choice].

Correct Answer:

If you delete Rule2, Internet users [answer choice].

▼

can connect to only the DNS server on VM1

can connect to only the web server on VM1

can connect to the web server and the DNS server on VM1

cannot connect to the web server and the DNS server on VM1

▼

can connect to only the DNS server on VM1

can connect to only the web server on VM1

can connect to the web server and the DNS server on VM1

cannot connect to the web server and the DNS server on VM1

Question #5Topic 3

You plan to deploy three Azure virtual machines named VM1, VM2, and VM3. The virtual machines will host a web app named App1.

You need to ensure that at least two virtual machines are available if a single Azure datacenter becomes unavailable.

What should you deploy?

- A. all three virtual machines in a single Availability Zone
- B. all virtual machines in a single Availability Set
- C. each virtual machine in a separate Availability Zone
- D. each virtual machine in a separate Availability Set

Question #6Topic 3

You have an Azure virtual machine named VM1 that runs Windows Server 2019.

You save VM1 as a template named Template1 to the Azure Resource Manager library.

You plan to deploy a virtual machine named VM2 from Template1.

What can you configure during the deployment of VM2?

- A. operating system
- B. administrator username
- C. virtual machine size
- D. resource group

Question #7Topic 3

You have an Azure subscription that contains an Azure virtual machine named VM1. VM1 runs a financial reporting app named App1 that does not support multiple active instances.

At the end of each month, CPU usage for VM1 peaks when App1 runs.

You need to create a scheduled runbook to increase the processor performance of VM1 at the end of each month.

What task should you include in the runbook?

- A. Add the Azure Performance Diagnostics agent to VM1.
- B. Modify the VM size property of VM1.**
- C. Add VM1 to a scale set.
- D. Increase the vCPU quota for the subscription.
- E. Add a Desired State Configuration (DSC) extension to VM1.

Question #8Topic 3

You have an Azure virtual machine named VM1 that runs Windows Server 2019.

You sign in to VM1 as a user named User1 and perform the following actions:

- ☞ Create files on drive C.
- ☞ Create files on drive D.
- ☞ Modify the screen saver timeout.
- ☞ Change the desktop background.

You plan to redeploy VM1.

Which changes will be lost after you redeploy VM1?

- A. the modified screen saver timeout
- B. the new desktop background
- C. the new files on drive D**
- D. the new files on drive C

You need to ensure that you can use the disks attached to VM1 as a template for Azure virtual machines.

What should you modify on VM1?

- A. the memory
- B. the network adapters
- C. the hard drive
- D. the processor
- E. Integration Services

Hot Area:

Answer Area

When an administrator changes the virtual machine size, the size will be changed on up to **[answer choice]** virtual machines simultaneously.

	▼
0	
1	
2	
4	

When a new build of the Windows Server 2016 image is released, the new build will be deployed to up to **[answer choice]** virtual machines simultaneously.

	▼
0	
1	
2	
4	

Question #11

Topic 3

You have an Azure subscription named Subscription1 that is used by several departments at your company. Subscription1 contains the resources in the following table:

Name	Type
storage1	Storage account
RG1	Resource group
container1	Blob container
share1	File share

Another administrator deploys a virtual machine named VM1 and an Azure Storage account named storage2 by using a single Azure Resource Manager template.

You need to view the template used for the deployment.

From which blade can you view the template that was used for the deployment?

- A. VM1
- B. RG1
- C. storage2
- D. container1

You need to create an alert in Azure when more than two error events are logged to the System event log on VM1 within an hour.

Solution: You create an Azure Log Analytics workspace and configure the data settings. You add the Microsoft Monitoring Agent VM extension to VM1. You create an alert in Azure Monitor and specify the Log Analytics workspace as the source.

Does this meet the goal?

A. Yes

B. No

Question #15Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure virtual machine named VM1 that runs Windows Server 2016.

You need to create an alert in Azure when more than two error events are logged to the System event log on VM1 within an hour.

Solution: You create an Azure Log Analytics workspace and configure the data settings. You install the Microsoft Monitoring Agent on VM1. You create an alert in

Azure Monitor and specify the Log Analytics workspace as the source.

Does this meet the goal?

A. Yes

B. No

Question #16Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure virtual machine named VM1 that runs Windows Server 2016.

You need to create an alert in Azure when more than two error events are logged to the System event log on VM1 within an hour.

Solution: You create an Azure storage account and configure shared access signatures (SASs). You install the Microsoft Monitoring Agent on VM1. You create an alert in Azure Monitor and specify the storage account as the source.

Does this meet the goal?

A. Yes

B. No

Answer Area

Correct Answer:

First action:

Create a network interface in RG2.

Detach a network interface.

Delete VM1.

Move a network interface to RG2.

Second action:

Attach a network interface.

Create a network interface in RG2.

Create a new virtual machine.

Move VM1 to RG2.

We cannot just move a virtual machine between networks. What we need to do is identify the disk used by the VM, delete the VM itself while retaining the disk, and recreate the VM in the target virtual network and then attach the original disk to it.

Reference:

Question #18Topic 3

You download an Azure Resource Manager template based on an existing virtual machine. The template will be used to deploy 100 virtual machines.

You need to modify the template to reference an administrative password. You must prevent the password from being stored in plain text.

What should you create to store the password?

A. an Azure Key Vault and an access policy

B. an Azure Storage account and an access policy

C. a Recovery Services vault and a backup policy

D. Azure Active Directory (AD) Identity Protection and an Azure policy

Answer Area

WebApp1:

ASP1 only

ASP3 only

ASP1 and ASP2 only

ASP1 and ASP3 only

ASP1, ASP2, and ASP3

WebApp2:

ASP1 only

ASP3 only

ASP1 and ASP2 only

ASP1 and ASP3 only

ASP1, ASP2, and ASP3

Correct Answer:

Answer Area

If Scale1 is utilized at 85 percent for six minutes after it is deployed, Scale1 will be running [answer choice].

2 virtual machines

4 virtual machines

6 virtual machines

10 virtual machines

20 virtual machines

If Scale1 is first utilized at 25 percent for six minutes after it is deployed, and then utilized at 50 percent for six minutes, Scale1 will be running [answer choice].

2 virtual machines

4 virtual machines

6 virtual machines

8 virtual machines

10 virtual machines

Correct Answer:

Box 1: 6 virtual machines -

The Autoscale scale out rule increases the number of VMs by 2 if the CPU threshold is 80% or higher. The initial instance count is 4 and rises to 6 when the 2 extra instances of VMs are added.

Question #21Topic 3

You plan to automate the deployment of a virtual machine scale set that uses the Windows Server 2016 Datacenter image.

You need to ensure that when the scale set virtual machines are provisioned, they have web server components installed.

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

NOTE: Each correct selection is worth one point.

A. Upload a configuration script

B. Create an automation account

C. Create an Azure policy

D. Modify the extensionProfile section of the Azure Resource Manager template

E. Create a new virtual scale set in the Azure portal

Answer Area

Correct Answer:

az	▼
docker	
msiexec.exe	
Install-Module	

aks	▼
/package	
-name	
pull	

Install-cli

To install kubectl locally, use the az aks install-cli command: az aks install-cli

Reference:

<https://docs.microsoft.com/en-us/azure/aks/kubernetes-walkthrough>

Question #23Topic 3

DRAG DROP -

You onboard 10 Azure virtual machines to Azure Automation State Configuration.

You need to use Azure Automation State Configuration to manage the ongoing consistency of the virtual machine configurations.

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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

. The right order is:

1. Upload a configuration to Azure Automation State Configuration
2. Compile a configuration into a node configuration

3. Check the compliance status of the node.

The variables section in Template1 contains the following text:

```
"location": "westeurope"
```

The resources section in Template1 contains the following text:

```
"type": "Microsoft.Compute/virtualMachines",  
"apiVersion": "2018-10-01",  
"name": "[variables('vmName')]",  
"location": "westeurope",
```

You need to deploy the virtual machine to the West US location by using Template1.

What should you do?

A. Modify the location in the resource section to westus

B. Select West US during the deployment

C. Modify the location in the variables section to westus

You create an App Service plan named Plan1 and an Azure web app named webapp1.

You discover that the option to create a staging slot is unavailable.

You need to create a staging slot for Plan1.

What should you do first?

A. From Plan1, scale up the App Service plan

B. From webapp1, modify the Application settings

C. From webapp1, add a custom domain

D. From Plan1, scale out the App Service plan

Question #26Topic 3

You plan to move a distributed on-premises app named App1 to an Azure subscription.

After the planned move, App1 will be hosted on several Azure virtual machines.

You need to ensure that App1 always runs on at least eight virtual machines during planned Azure maintenance.

What should you create?

A. one virtual machine scale set that has 10 virtual machines instances

B. one Availability Set that has three fault domains and one update domain

C. one Availability Set that has 10 update domains and one fault domain

D. one virtual machine scale set that has 12 virtual machines instances

Question #27Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure virtual machine named VM1 that runs Windows Server 2016.

You need to create an alert in Azure when more than two error events are logged to the System event log on VM1 within an hour.

Solution: You create an event subscription on VM1. You create an alert in Azure Monitor and specify VM1 as the source

Does this meet the goal?

A. Yes

B. No

Question #28Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure virtual machine named VM1. VM1 was deployed by using a custom Azure Resource Manager template named ARM1.json.

You receive a notification that VM1 will be affected by maintenance.

You need to move VM1 to a different host immediately.

Solution: From the Overview blade, you move the virtual machine to a different subscription.

Does this meet the goal?

A. Yes

B. No

Question #29Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure virtual machine named VM1. VM1 was deployed by using a custom Azure Resource Manager template named ARM1.json.

You receive a notification that VM1 will be affected by maintenance.

You need to move VM1 to a different host immediately.

Solution: From the Redeploy blade, you click Redeploy.

Does this meet the goal?

A. Yes

B. No

Question #30Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure virtual machine named VM1. VM1 was deployed by using a custom Azure Resource Manager template named ARM1.json.

You receive a notification that VM1 will be affected by maintenance.

You need to move VM1 to a different host immediately.

Solution: From the Update management blade, you click Enable.

Does this meet the goal?

A. Yes

B. No

Question #31Topic 3

You have an Azure subscription that contains a web app named webapp1.

You need to add a custom domain named www.contoso.com to webapp1.

What should you do first?

A. Create a DNS record

B. Add a connection string

C. Upload a certificate.

D. Stop webapp1.

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Region
RG1	Resource group	West US
RG2	Resource group	East Asia
storage1	Storage account	West US
storage2	Storage account	East Asia
VM1	Virtual machine	West US
VNET1	Virtual network	West US
VNET2	Virtual network	East Asia

VM1 connects to VNET1.

You need to connect VM1 to VNET2.

Solution: You move VM1 to RG2, and then you add a new network interface to VM1.

Does this meet the goal?

A. Yes

B. No

Question #33

Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Region
RG1	Resource group	West US
RG2	Resource group	East Asia
storage1	Storage account	West US
storage2	Storage account	East Asia
VM1	Virtual machine	West US
VNET1	Virtual network	West US
VNET2	Virtual network	East Asia

VM1 connects to VNET1.

You need to connect VM1 to VNET2.

Solution: You delete VM1. You recreate VM1, and then you create a new network interface for VM1 and connect it to VNET2.

Does this meet the goal?

A. Yes

B. No

Question #34

Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Region
RG1	Resource group	West US
RG2	Resource group	East Asia
storage1	Storage account	West US
storage2	Storage account	East Asia
VM1	Virtual machine	West US
VNET1	Virtual network	West US
VNET2	Virtual network	East Asia

VM1 connects to VNET1.

You need to connect VM1 to VNET2.

Solution: You turn off VM1, and then you add a new network interface to VM1.

Does this meet the goal?

A. Yes

B. No

[Hide Solution](#)[Discussion](#) 7

Answer Area

Correct Answer:

Statements	Yes	No
You can deploy VM3 to West US.	<input checked="" type="radio"/>	<input type="radio"/>
You can deploy VM4 to West US.	<input type="radio"/>	<input checked="" type="radio"/>
You can deploy VM5 to West US.	<input type="radio"/>	<input checked="" type="radio"/>

The total regional vCPUs is 20 so that means a maximum total of 20 vCPUs across all the different VM sizes. The deallocated VM with 16 vCPUs counts towards the total. VM20 and VM1 are using 18 of the maximum 20 vCPUs leaving only two vCPUs available.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/quotas>

Answer Area

Correct Answer:

When Microsoft performs planned maintenance in East US 2, the maximum number of unavailable virtual machines will be [answer choice].

	▼
2	
7	
10	
14	

If the server rack in the Azure datacenter that hosts WEBPROD-AS-USE2 experiences a power failure, the maximum number of unavailable virtual machines will be [answer choice].

	▼
2	
7	
10	
14	

Box 1: 2 -

There are 10 update domains. The 14 VMs are shared across the 10 update domains so four update domains will have two VMs and six update domains will have one VM. Only one update domain is rebooted at a time. Therefore, a maximum of two VMs will be offline.

Box 2: 7 -

There are 2 fault domains. The 14 VMs are shared across the 2 fault domains, so 7 VMs in each fault domain. A rack failure will affect one fault domain so 7 VMs will be offline.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>

Question #37

You deploy an Azure Kubernetes Service (AKS) cluster named Cluster1 that uses the IP addresses shown in the following table.

IP address	Assigned to
131.107.2.1	Load balancer front end
192.168.10.2	Kubernetes DNS service
172.17.7.1	Docker bridge address
10.0.10.11	Kubernetes cluster node

You need to provide internet users with access to the applications that run in Cluster1.

Which IP address should you include in the DNS record for Cluster1?

- A. 131.107.2.1
- B. 10.0.10.11
- C. 172.17.7.1
- D. 192.168.10.2

Question #38Topic 3

You have a deployment template named Template1 that is used to deploy 10 Azure web apps.

You need to identify what to deploy before you deploy Template1. The solution must minimize Azure costs.

What should you identify?

- A. five Azure Application Gateways
- B. one App Service plan
- C. 10 App Service plans
- D. one Azure Traffic Manager
- E. one Azure Application Gateway

Hide Solution

Discussion 10

Answer Area

Correct Answer:

Internet users [answer choice].

If Internet Information Services (IIS) in the container fail, [answer choice].

can connect to the container from any device
cannot connect to the container
can only connect to the container from devices that run Windows

the container will restart automatically
the container will only restart manually
the container must be redeployed

Question #40Topic 3

You have an Azure subscription that contains a virtual machine named VM1. VM1 hosts a line-of-business application that is available 24 hours a day. VM1 has one network interface and one managed disk. VM1 uses the D4s v3 size.

You plan to make the following changes to VM1:

- ☞ Change the size to D8s v3.
- ☞ Add a 500-GB managed disk.
- ☞ Add the Puppet Agent extension.
- ☞ Enable Desired State Configuration Management.

Which change will cause downtime for VM1?

- A. Enable Desired State Configuration Management
- B. Add a 500-GB managed disk
- C. Change the size to D8s v3**
- D. Add the Puppet Agent extension

Question #41

You have an app named App1 that runs on an Azure web app named webapp1. The developers at your company upload an update of App1 to a Git repository named Git1. Webapp1 has the deployment slots shown in the following table.

Name	Function
webapp1-prod	Production
webapp1-test	Staging

You need to ensure that the App1 update is tested before the update is made available to users. Which two actions should you perform? Each correct answer presents part of the solution.

- A. Swap the slots
- B. Deploy the App1 update to webapp1-prod, and then test the update
- C. Stop webapp1-prod
- D. Deploy the App1 update to webapp1-test, and then test the update
- E. Stop webapp1-test

Question #42Topic 3

You have an Azure subscription named Subscription1 that has the following providers registered:

☞ Authorization

☞ Automation

☞ Resources

☞ Compute

☞ KeyVault

☞ Network

☞ Storage

☞ Billing

☞ Web

Subscription1 contains an Azure virtual machine named VM1 that has the following configurations:

☞ Private IP address: 10.0.0.4 (dynamic)

☞ Network security group (NSG): NSG1

☞ Public IP address: None

☞ Availability set: AVSet

☞ Subnet: 10.0.0.0/24

☞ Managed disks: No

Location: East US -

You need to record all the successful and failed connection attempts to VM1.

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

NOTE: Each correct selection is worth one point.

A. Enable Azure Network Watcher in the East US Azure region.

B. Add an Azure Network Watcher connection monitor.

C. Register the MicrosoftLogAnalytics provider.

D. Create an Azure Storage account.

E. Register the Microsoft.Insights resource provider.

F. Enable Azure Network Watcher flow logs

Question #43Topic 3

You need to deploy an Azure virtual machine scale set that contains five instances as quickly as possible.

What should you do?

- A. Deploy five virtual machines. Modify the Availability Zones settings for each virtual machine.
- B. Deploy five virtual machines. Modify the Size setting for each virtual machine.
- C. Deploy one virtual machine scale set that is set to VM (virtual machines) orchestration mode.
- D. Deploy one virtual machine scale set that is set to ScaleSetVM orchestration mode.

Question #44

You plan to create the Azure web apps shown in the following table.

Name	Runtime stack
WebApp1	.NET Core 3.0
WebApp2	ASP.NET V4.7
WebApp3	PHP 7.3
WebApp4	Ruby 2.6

What is the minimum number of App Service plans you should create for the web apps?

- A. 1
- B. 2
- C. 3
- D. 4

Alert recipients (email) User1@Contoso.com

The AG1 action group contains a user named admin@contoso.com only.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

Hot Area:

Answer Area

When the maximum amount in Budget1 is reached, [answer choice].

VM1 and VM2 are turned off
VM1 and VM2 continue to run
VM1 is turned off, and VM2 continues to run

Based on the current usage costs of the virtual machines, [answer choice].

no email notifications will be sent each month
one email notification will be sent each month
two email notifications will be sent each month
three email notifications will be sent each month

Question #46Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates.

You need to view the date and time when the resources were created in RG1.

Solution: From the Subscriptions blade, you select the subscription, and then click Programmatic deployment.

Does this meet the goal?

A. Yes

B. No

Question #47Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains the resources shown in the following table.

VM1 connects to VNET1.

You need to connect VM1 to VNET2.

Solution: You create a new network interface, and then you add the network interface to VM1.

Does this meet the goal?

A. Yes

B. No

Question #48Topic 3

You have an Azure Active Directory (Azure AD) tenant named adatum.com that contains the users shown in the following table.

Adatum.com has the following configurations:

⇒ Users may join devices to Azure AD is set to User1.

⇒ Additional local administrators on Azure AD joined devices is set to None.

You deploy Windows 10 to a computer named Computer1. User1 joins Computer1 to adatum.com.

You need to identify the local Administrator group membership on Computer1.

Which users are members of the local Administrators group?

A. User1 only

B. User2 only

C. User1 and User2 only

D. User1, User2, and User3 only

E. User1, User2, User3, and User4

Hide Solution

Discussion 17

Answer Area

	Statements	Yes	No
Correct Answer:	App1 can be moved to RG2	<input checked="" type="radio"/>	<input type="radio"/>
	App1 can be moved to RG3	<input checked="" type="radio"/>	<input type="radio"/>
	App1 can be moved to RG4	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/move-limitations/app-service-move-limitations>

Hide Solution

Discussion 9

Answer Area

Correct Answer:

Tags assigned to RG1:

Tags assigned to storage1:

Box 1: "tag1": "value1" only -

Box 2: "tag2": "value2" and "tag3": "value2" only

Tags applied to the resource group are not inherited by the resources in that resource group.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags>

Answer Area

The number of email messages that Alert1 will send in an hour is

0
4
6
12
60

Correct Answer:

The number of SMS messages that Alert2 will send in an hour is

0
4
6
12
60

Box 1: 60 -

One alert per minute will trigger one email per minute.

You have an Azure subscription named Subscription1 that contains the resources shown in the following table.

Name	Type	Region	Resource group
RG1	Resource group	West Europe	<i>Not applicable</i>
RG2	Resource group	North Europe	<i>Not applicable</i>
Vault1	Recovery Services vault	West Europe	RG1

You create virtual machines in Subscription1 as shown in the following table.

Name	Resource group	Region	Operating system
VM1	RG1	West Europe	Windows Server 2016
VM2	RG1	North Europe	Windows Server 2016
VM3	RG2	West Europe	Windows Server 2016
VMA	RG1	West Europe	Ubuntu Server 18.04
VMB	RG1	North Europe	Ubuntu Server 18.04
VMC	RG2	West Europe	Ubuntu Server 18.04

You plan to use Vault1 for the backup of as many virtual machines as possible.

Which virtual machines can be backed up to Vault1?

- A. VM1 only
- B. VM3 and VMC only
- C. VM1, VM2, VM3, VMA, VMB, and VMC
- D. VM1, VM3, VMA, and VMC only
- E. VM1 and VM3 only

Question #53Topic 3

You have an Azure Kubernetes Service (AKS) cluster named AKS1.

You need to configure cluster autoscaler for AKS1.

Which two tools should you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. the kubectl command

B. the az aks command

C. the Set-AzVm cmdlet

D. the Azure portal

E. the Set-AzAks cmdlet

Question #54Topic 3

You create the following resources in an Azure subscription:

☞ An Azure Container Registry instance named Registry1

☞ An Azure Kubernetes Service (AKS) cluster named Cluster1

You create a container image named App1 on your administrative workstation.

You need to deploy App1 to Cluster1.

What should you do first?

A. Run the docker push command.

B. Create an App Service plan.

C. Run the az acr build command.

D. Run the az aks create command

Question #55

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Resource group	Location
RG1	Resource group	<i>Not applicable</i>	Central US
RG2	Resource group	<i>Not applicable</i>	West US
VMSS1	Virtual machine scale set	RG2	West US
Proximity1	Proximity placement group	RG1	West US
Proximity2	Proximity placement group	RG2	Central US
Proximity3	Proximity placement group	RG1	Central US

You need to configure a proximity placement group for VMSS1.

Which proximity placement groups should you use?

- A. Proximity2 only
- B. Proximity1, Proximity2, and Proximity3
- C. Proximity1 only
- D. Proximity1 and Proximity3 only

Question #56Topic 3

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates.

You need to view the date and time when the resources were created in RG1.

Solution: From the Subscriptions blade, you select the subscription, and then click Resource providers.

Does this meet the goal?

A. Yes

B. No

Topic 4 - Question Set 4

Question #1Topic 4

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a computer named Computer1 that has a point-to-site VPN connection to an Azure virtual network named VNet1. The point-to-site connection uses a self-signed certificate.

From Azure, you download and install the VPN client configuration package on a computer named Computer2.

You need to ensure that you can establish a point-to-site VPN connection to VNet1 from Computer2.

Solution: You modify the Azure Active Directory (Azure AD) authentication policies.

Does this meet the goal?

A. Yes

B. No

Question #2Topic 4

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a computer named Computer1 that has a point-to-site VPN connection to an Azure virtual network named VNet1. The point-to-site connection uses a self-signed certificate.

From Azure, you download and install the VPN client configuration package on a computer named Computer2.

You need to ensure that you can establish a point-to-site VPN connection to VNet1 from Computer2.

Solution: You join Computer2 to Azure Active Directory (Azure AD)

Does this meet the goal?

A. Yes

B. No

Question #3Topic 4

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription.

You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: You create a resource lock, and then you assign the lock to the subscription.

Does this meet the goal?

A. Yes

B. No

300	 RDP	3389	TCP	Any	Any	 Allow ...
65000	AllowVnetInBound	Any	Any	VirtualN...	VirtualN...	 Allow ...
65001	AllowAzureLoadB...	Any	Any	AzureLo...	Any	 Allow ...
65500	DenyAllInBound	Any	Any	Any	Any	 Deny ...

From Computer1, you attempt to connect to VM1 by using Remote Desktop, but the connection fails.

You need to establish a Remote Desktop connection to VM1.

What should you do first?

- A. Change the priority of the RDP rule
- B. Attach a network interface
- C. Delete the DenyAllInBound rule

D. Start VM1

DNS servers ⓘ

- ☐ Default (Azure-provided)
- ☒ Custom

10.1.0.4

...

Add DNS server

...

You need to ensure that all the virtual machines can resolve DNS names by using the DNS service on VM1. What should you do?

- A. Configure a conditional forwarder on VM1
- B. Add service endpoints on VNET1
- C. Add service endpoints on VNET2 and VNET3
- D. Configure peering between VNET1, VNET2, and VNET3

NAME	IP ADDRESS	STATUS	NEXT HOP IP ADDRESS	RTT FROM SOURCE (...)
VM1	172.16.1.4	✓	172.16.2.4	0
VM2	172.16.2.4	✓	-	-

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
NSG1 limits VM1 traffic	<input type="radio"/>	<input checked="" type="radio"/>
NSG1 applies to VM2	<input checked="" type="radio"/>	<input type="radio"/>
VM1 and VM2 connect to the same virtual network	<input checked="" type="radio"/>	<input type="radio"/>

Question #7Topic 4

You have the Azure virtual network named VNet1 that contains a subnet named Subnet1. Subnet1 contains three Azure virtual machines. Each virtual machine has a public IP address.

The virtual machines host several applications that are accessible over port 443 to users on the Internet.

Your on-premises network has a site-to-site VPN connection to VNet1.

You discover that the virtual machines can be accessed by using the Remote Desktop Protocol (RDP) from the Internet and from the on-premises network.

You need to prevent RDP access to the virtual machines from the Internet, unless the RDP connection is established from the on-premises network. The solution must ensure that all the applications can still be accessed by the Internet users.

What should you do?

A. Modify the address space of the local network gateway

B. Create a deny rule in a network security group (NSG) that is linked to Subnet1

C. Remove the public IP addresses from the virtual machines

D. Modify the address space of Subnet1

Question #8

You have an Azure subscription that contains the resources in the following table.

Name	Type
ASG1	Application security group
NSG1	Network security group (NSG)
Subnet1	Subnet
VNet1	Virtual network
NIC1	Network interface
VM1	Virtual machine

Subnet1 is associated to VNet1. NIC1 attaches VM1 to Subnet1.

You need to apply ASG1 to VM1.

What should you do?

A. Associate NIC1 to ASG1

B. Modify the properties of ASG1

C. Modify the properties of NSG1

ou have an Azure subscription named Subscription1 that contains an Azure virtual network named VNet1. VNet1 connects to your on-premises network by using

Azure ExpressRoute.

You plan to prepare the environment for automatic failover in case of ExpressRoute failure.

You need to connect VNet1 to the on-premises network by using a site-to-site VPN. The solution must minimize cost.

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

NOTE: Each correct selection is worth one point.

A. Create a connection

B. Create a local site VPN gateway

C. Create a VPN gateway that uses the VpnGw1 SKU

D. Create a gateway subnet

E. Create a VPN gateway that uses the Basic SKU

Answer Area

Hosts on vNET6 can communicate with hosts on **[answer choice]**.

Correct Answer:

To change the status of the peering connection to vNET1 to **Connected**, you must first **[answer choice]**.

Box 1: vNET6 only -

vNET6 only
vNET6 and vNET1 only
vNET6, vNET1, and vNET2 only
all the virtual networks in the subscription

add a service endpoint
add a subnet
delete peering1
modify the address space

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription.

You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: From the Resource providers blade, you unregister the Microsoft.ClassicNetwork provider.

Does this meet the goal?

A. Yes

B. No

Question #12Topic 4

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription.

You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: You assign a built-in policy definition to the subscription.

Does this meet the goal?

A. Yes

B. No

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 section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription.

You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: You configure a custom policy definition, and then you assign the policy to the subscription.

Does this meet the goal?

A. Yes

B. No

Question #14Topic 4

You have two Azure virtual networks named VNet1 and VNet2. VNet1 contains an Azure virtual machine named VM1. VNet2 contains an Azure virtual machine named VM2.

VM1 hosts a frontend application that connects to VM2 to retrieve data.

Users report that the frontend application is slower than usual.

You need to view the average round-trip time (RTT) of the packets from VM1 to VM2.

Which Azure Network Watcher feature should you use?

- A. IP flow verify
- B. Connection troubleshoot
- C. Connection monitor**
- D. NSG flow logs

Question #15Topic 4

You have an Azure subscription that contains a policy-based virtual network gateway named GW1 and a virtual network named VNet1.

You need to ensure that you can configure a point-to-site connection from an on-premises computer to VNet1.

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

NOTE: Each correct selection is worth one point.

- A. Add a service endpoint to VNet1
- B. Reset GW1
- C. Create a route-based virtual network gateway**
- D. Add a connection to GW1
- E. Delete GW1**
- F. Add a public IP address space to VNet1

Exam-Answer

			Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1
vm1	A	3600	10.1.0.4
vm9	A	3600	10.1.0.12

Choose all that apply:

Answers

- ☐ A. The A record for VM5 will be registered automatically in the adatum.com zone.
- ☐ B. VM5 can resolve VM9.adatum.com
- ☐ C. VM6 can resolve VM9.adatum.com

☒ Show answer and vote

A 1 B 2 C 17

Correct Answer:

Answer Area

Address prefix:

10.0.0.0/16

10.0.1.0/24

10.0.254.0/24

Next hop type:

Virtual appliance

Virtual network

Virtual network gateway

Assigned to:

GatewaySubnet

Subnet0

Subnet1 and Subnet2

You have five Azure virtual machines that run Windows Server 2016. The virtual machines are configured as web servers.

You have an Azure load balancer named LB1 that provides load balancing services for the virtual machines.

You need to ensure that visitors are serviced by the same web server for each request.

What should you configure?

Answers

A. Floating IP (direct server return) to Enabled

B. Idle Time-out (minutes) to 20

C. Protocol to UDP

D. Session persistence to Client IP and Protocol

Port: 3389

Protocol: TCP

Source: Any

Destination: Any

Action: Allow

NSG1 is associated to Subnet1. NSG2 is associated to the network interface of VM2.

Choose all that apply:

Answers

☐ A. From the Internet, you can connect to VM1 by using Remote Desktop

☒ B. From the Internet, you can connect to VM2 by using Remote Desktop

☒ C. From VM1, you can connect to VM2 by using Remote Desktop

☒ Show answer and vote

For NSG1, you create the inbound security rule shown in the following table:

Priority	Source	Destination	Destination port	Action
101	10.10.2.0/24	10.10.1.0/24	TCP/1433	Allow

For NSG2, you create the inbound security rule shown in the following table:

Priority	Source	Destination	Destination port	Action
125	10.10.2.5	10.10.1.5	TCP/1433	Block

Choose all that apply:

Answers

- ☐ A. VM2 can connect to TCP port 1433 services on VM1
- ☐ B. VM1 can connect to TCP port 1433 services on VM2
- ☐ C. VM2 can connect to TCP port 1433 services on VM3

☒ Show answer and vote