

Exam Questions AZ-303

Microsoft Azure Architect Technologies (beta)

<https://www.2passeasy.com/dumps/AZ-303/>





NEW QUESTION 1

- (Exam Topic 1)

You need to configure the Device settings to meet the technical requirements and the user requirements. Which two settings should you modify? To answer, select the appropriate settings in the answer area.

Answer Area

 Save
  Discard

Users may join devices to Azure AD ⓘ

All
 Selected
 None

Selected
 No member selected

Additional local administrators on Azure AD joined devices ⓘ

Selected
 None

Selected
 No member selected

Users may register their devices with Azure AD ⓘ

All
 None

Require Multi-Factor Auth to join devices ⓘ

Yes
 No

Maximum number of devices per user ⓘ

50

Users may sync settings and app data across devices ⓘ

All
 Selected
 None

Selected
 No member selected

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Selected

NEW QUESTION 2

- (Exam Topic 1)

You need to move the blueprint files to Azure. What should you do?

- A. Generate a shared access signature (SAS). Map a drive, and then copy the files by using File Explorer.
- B. Use the Azure Import/Export service.
- C. Generate an access key.
- D. Map a drive, and then copy the files by using File Explorer.
- E. Use Azure Storage Explorer to copy the files.

Answer: D

Explanation:

Azure Storage Explorer is a free tool from Microsoft that allows you to work with Azure Storage data on Windows, macOS, and Linux. You can use it to upload and download data from Azure blob storage.

Scenario:

Planned Changes include: move the existing product blueprint files to Azure Blob storage. Technical Requirements include: Copy the blueprint files to Azure over the Internet. References:

<https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/move-data-to-azure-blob-us>

NEW QUESTION 3

- (Exam Topic 2)

You have an Azure SQL database named Db1 that runs on an Azure SQL server named SQLserver1. You need to ensure that you can use the query editor on the Azure portal to query Db1.

What should you do?

- A. Modify the Advanced Data Security settings of Db1

- B. Configure the Firewalls and virtual networks settings for SQLserver1
- C. Copy the ADO.NET connection string of Db1 and paste the string to the query editor
- D. Approve private endpoint connections for SQLserver1

Answer: B

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-connect-query-portal>

NEW QUESTION 4

- (Exam Topic 2)

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. Container1
- B. VM1
- C. Storage2
- D. RG1

Answer: D

NEW QUESTION 5

- (Exam Topic 2)

A company hosts virtual machines (VMs) in an on-premises datacenter and in Azure. The on-premises and Azure-based VMs communicate using ExpressRoute. The company wants to be able to continue regular operations if the ExpressRoute connection fails. Failover connections must use the Internet and must not require Multiprotocol Label Switching (MPLS) support.

You need to recommend a solution that provides continued operations. What should you recommend?

- A. Set up a second ExpressRoute connection.
- B. Increase the bandwidth of the existing ExpressRoute connection.
- C. Increase the bandwidth for the on-premises internet connection.
- D. Set up a VPN connection.

Answer: D

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid-networking/expressroutevpn->

NEW QUESTION 6

- (Exam Topic 2)

You have an Azure subscription that contains multiple resource groups. You create an availability set as shown in the following exhibit.

☐ X

Use managed disks

NOTE: Each correct selection is worth one point.

During planned maintenance, at least [answer choice]

4
5
6
8

To add another virtual machines to AS1, the virtual machines must be added to [answer choice].

any region and the RG1 resource group
the West Europe region and any resource group
the West Europe region and the RG1 resource group

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

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

NEW QUESTION 8

- (Exam Topic 2)

Note: This question is part of 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 Active Directory (Azure AD) tenant that contains a group named Group1. You need to enable multi-factor authentication (MFA) for the users in Group1 only.

Solution: From the Azure portal, you configure an authentication method policy. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

We should use a Conditional Access policy.

Note: There are two ways to secure user sign-in events by requiring multi-factor authentication in Azure AD. The first, and preferred, option is to set up a Conditional Access policy that requires multi-factor authentication under certain conditions. The second option is to enable each user for Azure Multi-Factor Authentication. When users are enabled individually, they perform multi-factor authentication each time they sign in (with some exceptions, such as when they sign in from trusted IP addresses or when the remembered devices feature is turned on).

Enabling Azure Multi-Factor Authentication using Conditional Access policies is the recommended approach. Changing user states is no longer recommended unless your licenses don't include Conditional Access as it requires users to perform MFA every time they sign in.

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-userstates>

NEW QUESTION 9

- (Exam Topic 2)

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

Name	Location
RG1	West US
RG2	East US

RG1 contains the virtual machines shown in the following table.

Name	Region
VM1	West US
VM2	West US
VM3	West US
VM4	West US

RG2 contains the virtual machines shown in the following table.

Name	Region
VM5	East US 2
VM6	East US 2
VM7	West US
VM8	West US 2

All the virtual machines are configured to use premium disks and are accessible from the Internet.

VM1 and VM2 are in an available set named AVSET1. VM3 and VM4 are in the same availability zone and are in an availability set named AVSET2. VM5 and VM6 are in different availability zones.

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
VM1 is eligible for a Service Level Agreement (SLA) of 99,95 percent.	<input type="radio"/>	<input type="radio"/>
VM3 is eligible for a Service Level Agreement (SLA) of 99,99 percent.	<input type="radio"/>	<input type="radio"/>
VM5 is eligible for a Service Level Agreement (SLA) of 99,99 percent.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

VM1 and VM2 are in an available set named AVSET1.

For all Virtual Machines that have two or more instances deployed in the same Availability Set, we [Microsoft] guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.

Box 2: No

VM3 and VM4 are in the same availability zone and are in an availability set named AVSET2. Box 3: Yes

VM5 and VM6 are in different availability zones.

For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we [Microsoft] guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.

References:

https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_8/

NEW QUESTION 10

- (Exam Topic 2)

You have a virtual network named VNet1 as shown in the exhibit.

Refresh

Move

Delete

Connected devices

 Search connected devices

No devices are connected to VNet1.

You plan to peer VNet1 to another virtual network named Vnet2 in the same region. VNet2 has an address space of 10.2.0.0/16.

You need to create the peering. What should you do first?

- A. Modify the address space of VNet1.
- B. Configure a service endpoint on VNet2
- C. Add a gateway subnet to VNet1.
- D. Create a subnet on VNet1 and VNet2.

Answer: A

Explanation:

The virtual networks you peer must have non-overlapping IP address spaces. References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering#requirements-and-cons>

NEW QUESTION 10

- (Exam Topic 2)

You have an Azure subscription that contains a resource group named RG1. You have a group named Group1 that is assigned the Contributor role for RG1.

You need to enhance security for the virtual machines in RG1 to meet the following requirements:

- Prevent Group1 from assigning external IP addresses to the virtual machines.
- Ensure that Group1 can establish an RDP connection to the virtual machines through a shared external IP address.

What should you use to meet each requirement? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Prevent Group1 from assigning external IP addresses to the virtual machines:

Azure Policy
 Azure Bastion
 Virtual network service endpoints
 Azure Firewall
 Azure Web Application Firewall (WAF)

Ensure that Group1 can establish an RDP connection to the virtual machines through a shared external IP address:

Azure Policy
 Azure Bastion
 Virtual network service endpoints
 Azure Firewall
 Azure Web Application Firewall (WAF)

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Prevent Group1 from assigning external IP addresses to the virtual machines:

Azure Policy
 Azure Bastion
 Virtual network service endpoints
 Azure Firewall
 Azure Web Application Firewall (WAF)

Ensure that Group1 can establish an RDP connection to the virtual machines through a shared external IP address:

Azure Policy
 Azure Bastion
 Virtual network service endpoints
 Azure Firewall
 Azure Web Application Firewall (WAF)

NEW QUESTION 11

- (Exam Topic 2)

Your network contains an on-premises Active Directory domain named contoso.com that contains a member server named Server1. You have the accounts shown in the following table.

Name	Member of
CONTOSO\User1	Domain Admins
CONTOSO\User2	Domain Users
CONTOSO\User3	Enterprise Admin
SERVER1\User4	Users

You are installing Azure AD Connect on Server1.
 You need to specify the account for Azure AD Connect synchronization.
 The solution must use the principle of least privilege.
 Which account should you specify?

- A. CONTOSO\User2
 B. SERVER1\User4
 C. CONTOSO\User1
 D. CONTOSO\User3

Answer: A

Explanation:

The default Domain User permissions are sufficient Reference:
<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/reference-connect-accounts-permissions>

NEW QUESTION 15

- (Exam Topic 2)

An administrator plans to create a function app in Azure that will have the following settings:



Runtime stack: .NET Core

- Operating System: Linux
- Plan type: Consumption
- Enable Application Insights: Yes

You need to ensure that you can back up the function app.

Which settings should you recommend changing before creating the function app? D18912E1457D5D1DDCBD40AB3BF70D5D

- A. Runtime stack
- B. Enable Application Insights
- C. Operating System
- D. Plan type

Answer: D

Explanation:

The Backup and Restore feature requires the App Service plan to be in the Standard, Premium or Isolated tier. Reference:
<https://docs.microsoft.com/en-us/azure/app-service/manage-backup#requirements-and-restrictions>

NEW QUESTION 18

- (Exam Topic 2)

You have an Azure subscription that contains 10 virtual machines on a virtual network.

You need to create a graph visualization to display the traffic flow between the virtual machines. What should you do from Azure Monitor?

- A. From Activity log, use quick insights.
- B. From Metrics, create a chart.
- C. From Logs, create a new query.
- D. From Workbooks, create a workbook.

Answer: C

Explanation:

Navigate to Azure Monitor and select Logs to begin querying the data Reference:
<https://azure.microsoft.com/en-us/blog/analysis-of-network-connection-data-with-azure-monitor-for-virtual-mac>

NEW QUESTION 21

- (Exam Topic 2)

You have an Azure Cosmos DB account named Account1. Account1 includes a database named DB1 that contains a container named Container 1. The partition key for Container1 is set to /city.

You plan to change the partition key for Container1. What should you do first?

- A. Delete Container1
- B. Create a new container in DB1
- C. Regenerate the keys for Account1.
- D. Implement the Azure CosmosDB.NET SDK

Answer: B

Explanation:

The good news is that there are two features, the Change Feed Processor and Bulk Executor Library, in Azure Cosmos DB that can be leveraged to achieve a live migration of your data from one container to another. This allows you to re-distribute your data to match the desired new partition key scheme, and make the relevant application changes afterwards, thus achieving the effect of “updating your partition key”.

Reference:
<https://devblogs.microsoft.com/cosmosdb/how-to-change-your-partition-key/>

NEW QUESTION 22

- (Exam Topic 2)

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. Create a new virtual machine scale set in the Azure portal.
- B. Create an automation account.
- C. Upload a configuration script.
- D. Modify the extensionProfile section of the Azure Resource Manager template.
- E. Create an Azure policy.

Answer: AD

Explanation:

References:
<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/tutorial-install-apps-template>

NEW QUESTION 25

- (Exam Topic 2)

You are implementing authentication for applications in your company. You plan to implement self-service password reset (SSPR) and multifactor authentication (MFA) in Azure Active Directory (Azure AD).

You need to select authentication mechanisms that can be used for both MFA and SSPR.

Which two authentication methods should you use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Short Message Service (SMS) messages
- B. Authentication app
- C. Email addresses
- D. Security questions
- E. App passwords

Answer: AB

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

NEW QUESTION 26

- (Exam Topic 2)

You plan to create an Azure Storage account named storage1 that will store blobs and be accessed by Azure Databricks.

You need to ensure that you can set permissions for individual blobs by using Azure Active Directory (Azure AD) authentication.

Which Advanced setting should you enable for storage1?

- A. Hierarchical namespace
- B. Large file shares
- C. Blob soft delete
- D. NFSv3

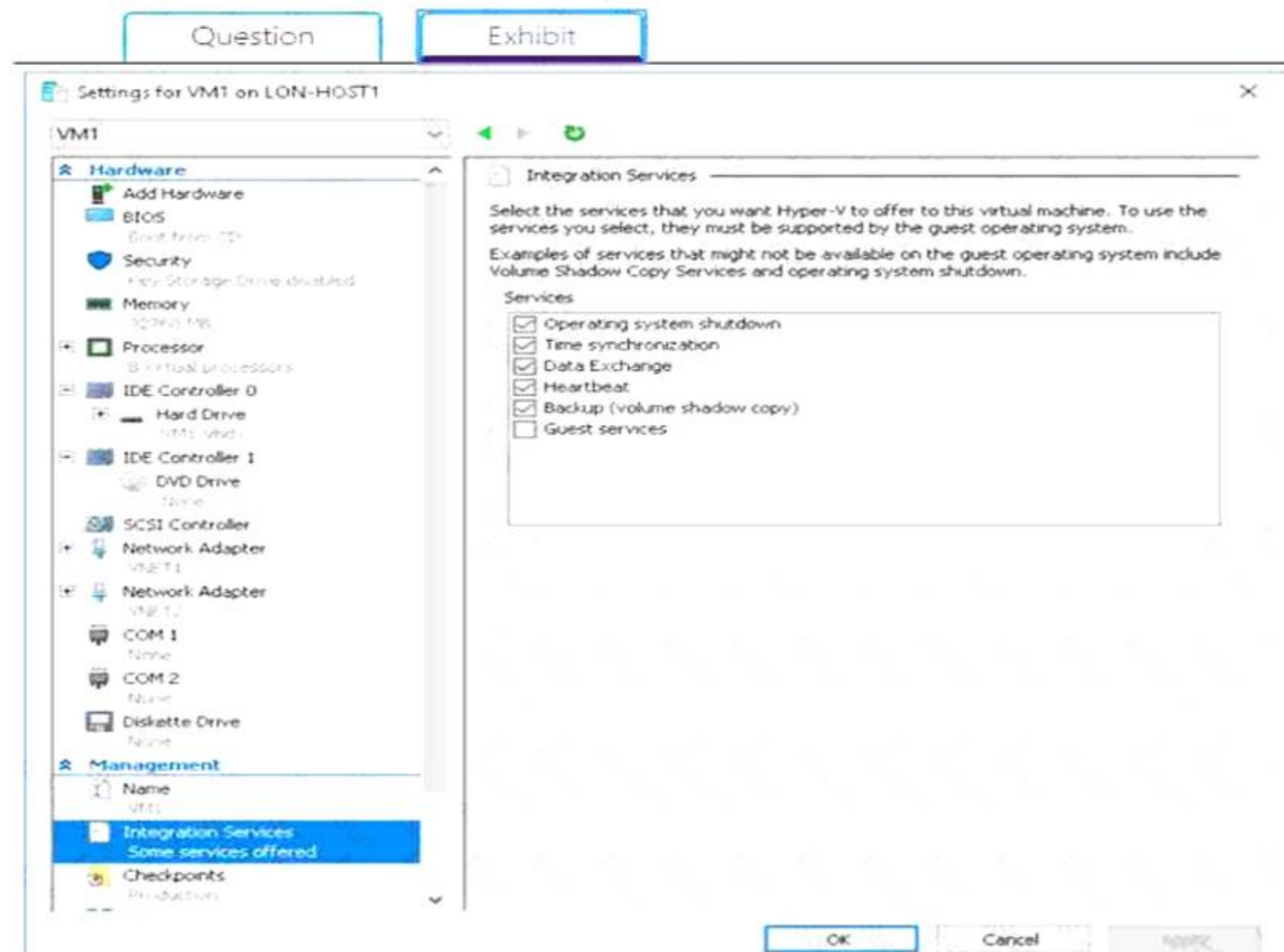
Answer: C

NEW QUESTION 27

- (Exam Topic 2)

You have an Azure subscription.

You have an on-premises virtual machine named VM1. The settings for VM1 are shown in the exhibit. (Click the Exhibit tab.)



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

Answer: A

Explanation:

From the exhibit we see that the disk is in the VHDX format.

Before you upload a Windows virtual machines (VM) from on-premises to Microsoft Azure, you must prepare the virtual hard disk (VHD or VHDX). Azure supports only generation 1 VMs that are in the VHD file format and have a fixed sized disk. The maximum size allowed for the VHD is 1,023 GB. You can convert a

generation 1 VM from the VHDX file system to VHD and from a dynamically expanding disk to fixed-sized.

References:

[https://docs.microsoft.com/en-us/azure/virtual-machines/windows/prepare-for-upload-vhd-image?toc=azure virtual-machines windows toc.json](https://docs.microsoft.com/en-us/azure/virtual-machines/windows/prepare-for-upload-vhd-image?toc=azure%20virtual-machines%20windows%20toc.json)

NEW QUESTION 28

- (Exam Topic 2)

You have three Azure SQL Database servers shown in the following table.

Name	Resource group	Location
sqlserver1	RG1	West US
sqlserver2	RG1	West US
sqlserver3	RG2	West US
sqlserver4	RG1	West Europe
sqlserver5	RG2	West Europe

You plan to specify sqlserver1 as the primary server in a failover group. Which servers can be used as a secondary server?

- A. sqlserver4 and sqlserver5 only
- B. sqlserver2 and sqlserver3 only
- C. sqlserver1 and sqlserver3 only
- D. sqlserver2 and sqlserver4 only

Answer: D

Explanation:

The Resource Group must be the same.

The secondary server can have another location.

The secondary server cannot be the same as the primary server. Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/auto-failover-group-configure>

NEW QUESTION 33

- (Exam Topic 2)

You create and save an Azure Resource Manager template named Template1 that includes the following four sections.

```
{
  "$schema": "https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#",
  "contentVersion": "1.0.0.0",
  "parameters": {
    "windowsOSVersion": {
      "defaultValue": "2019-Datacenter",
      "allowedValues": [
        "2012-Datacenter",
        "2012-R2-Datacenter",
        "2016-Datacenter",
        "2019-Datacenter"
      ]
    }
  },
  "variables": {
    "windowsOSVersion": "2012-Datacenter",
  },
  "resources": [
    {
      "type": "Microsoft.Compute/virtualMachines",
      "name": "vm1",
      "apiVersion": "2019-07-01",
      "location": "[location]",
      "tags": {
        "displayName": "Virtual Machine"
      },
      "properties": {
        "hardwareProfile": {
          "vmSize": "Standard_B1ms"
        },
        "storageProfile": {
          "imageReference": {
            "publisher": "MicrosoftWindowsServer",
            "offer": "WindowsServer",
            "sku": "2012-R2-Datacenter",
            "version": "latest"
          },
          "osDisk": {
            "createOption": "FromImage",
            "managedBy": "Azure"
          }
        },
        "osProfile": {
          "computerName": "vm1",
          "adminUsername": "Administrator",
          "password": "[parameters('password')]",
          "passwordBypass": false,
          "enableAutomaticUpdates": true
        }
      }
    }
  ]
}
```

Section2.

```
    "variables": {
      "windowsOSVersion": "2012-Datacenter",
    },
    "resources": [
      {
        "type": "Microsoft.Compute/virtualMachines",
        "name": "vm1",
        "apiVersion": "2019-07-01",
        "location": "[location]",
        "tags": {
          "displayName": "Virtual Machine"
        },
        "properties": {
          "hardwareProfile": {
            "vmSize": "Standard_B1ms"
          },
          "storageProfile": {
            "imageReference": {
              "publisher": "MicrosoftWindowsServer",
              "offer": "WindowsServer",
              "sku": "2012-R2-Datacenter",
              "version": "latest"
            },
            "osDisk": {
              "createOption": "FromImage",
              "managedBy": "Azure"
            }
          },
          "osProfile": {
            "computerName": "vm1",
            "adminUsername": "Administrator",
            "password": "[parameters('password')]",
            "passwordBypass": false,
            "enableAutomaticUpdates": true
          }
        }
      }
    ]
  }
}
```

Section3.

```
    },
    "resources": [
      {
        "type": "Microsoft.Compute/virtualMachines",
        "name": "vm1",
        "apiVersion": "2019-07-01",
        "location": "[location]",
        "tags": {
          "displayName": "Virtual Machine"
        },
        "properties": {
          "hardwareProfile": {
            "vmSize": "Standard_B1ms"
          },
          "storageProfile": {
            "imageReference": {
              "publisher": "MicrosoftWindowsServer",
              "offer": "WindowsServer",
              "sku": "2012-R2-Datacenter",
              "version": "latest"
            },
            "osDisk": {
              "createOption": "FromImage",
              "managedBy": "Azure"
            }
          },
          "osProfile": {
            "computerName": "vm1",
            "adminUsername": "Administrator",
            "password": "[parameters('password')]",
            "passwordBypass": false,
            "enableAutomaticUpdates": true
          }
        }
      }
    ]
  }
}
```

Section4.

```
    "storageProfile": {
      "imageReference": {
        "publisher": "MicrosoftWindowsServer",
        "offer": "WindowsServer",
        "sku": "2012-R2-Datacenter",
        "version": "latest"
      },
      "osDisk": {
        "createOption": "FromImage",
        "managedBy": "Azure"
      }
    },
    "osProfile": {
      "computerName": "vm1",
      "adminUsername": "Administrator",
      "password": "[parameters('password')]",
      "passwordBypass": false,
      "enableAutomaticUpdates": true
    }
  }
}
```

You deploy template1.

For each of the following statement, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Windows Server 2012 R2 Datacenter will be deployed to the Azure virtual machine.	<input type="radio"/>	<input type="radio"/>
A custom image of Windows Server will be deployed.	<input type="radio"/>	<input type="radio"/>
During the deployment of Template1, an administrator will be prompted to select a version of Windows Server.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Windows Server 2012 R2 Datacenter will be deployed to the Azure virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>
A custom image of Windows Server will be deployed.	<input type="radio"/>	<input checked="" type="radio"/>
During the deployment of Template1, an administrator will be prompted to select a version of Windows Server.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 36

- (Exam Topic 2)

You 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 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 VPN gateway that uses the VpnGw1 SKU.
 B. Create a connection.
 C. Create a local site VPN gateway.
 D. Create a gateway subnet.
 E. Create a VPN gateway that uses the Basic SKU.

Answer: ABC

Explanation:

References:

<https://docs.microsoft.com/en-za/archive/blogs/canitpro/step-by-step-configuring-a-site-to-site-vpn-gateway-bet>

NEW QUESTION 40

- (Exam Topic 2)

: 292 HOTSPOT

From Azure Cosmos DB, you create the containers shown in the following table.

Container ID	Partition key	Unique key
Container1	/category	None
Container2	/id	/importance

You add the following item to Container1.


```
{
  "id": "1",
  "category": "personal",
  "name": "Name1",
  "description": "Description1"
}
```

You plan to add items to Azure Cosmos DB as shown in the following table.

Name	Content
Item1	{ "id": "1", "category": "personal", "name": "Name1", "description": "Description1" }
Item2	{ "category": "business", "name": "Name2", "description": "Description2" "importance": "High" }
Item3	{ "id": "3", "name": "Name3", "description": "Description3" }
Item4	{ "id": "4", "importance": "Low" }


You need to identify which items can be added successfully to Container1 and Container2.
 What should you identify for each container? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Container1:



Item2 only
Item1 and Item2 only
Item3 and Item4 only
Item2, Item3, and Item4 only
Item1, Item2, Item3, and Item4

Container2:



Item4 only
Item2 and Item4 only
Item1, Item3, and Item4 only
Item1, Item2, Item3, and Item4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Container1:

	▼
Item2 only	
Item1 and Item2 only	
Item3 and Item4 only	
Item2, Item3, and Item4 only	
Item1, Item2, Item3, and Item4	

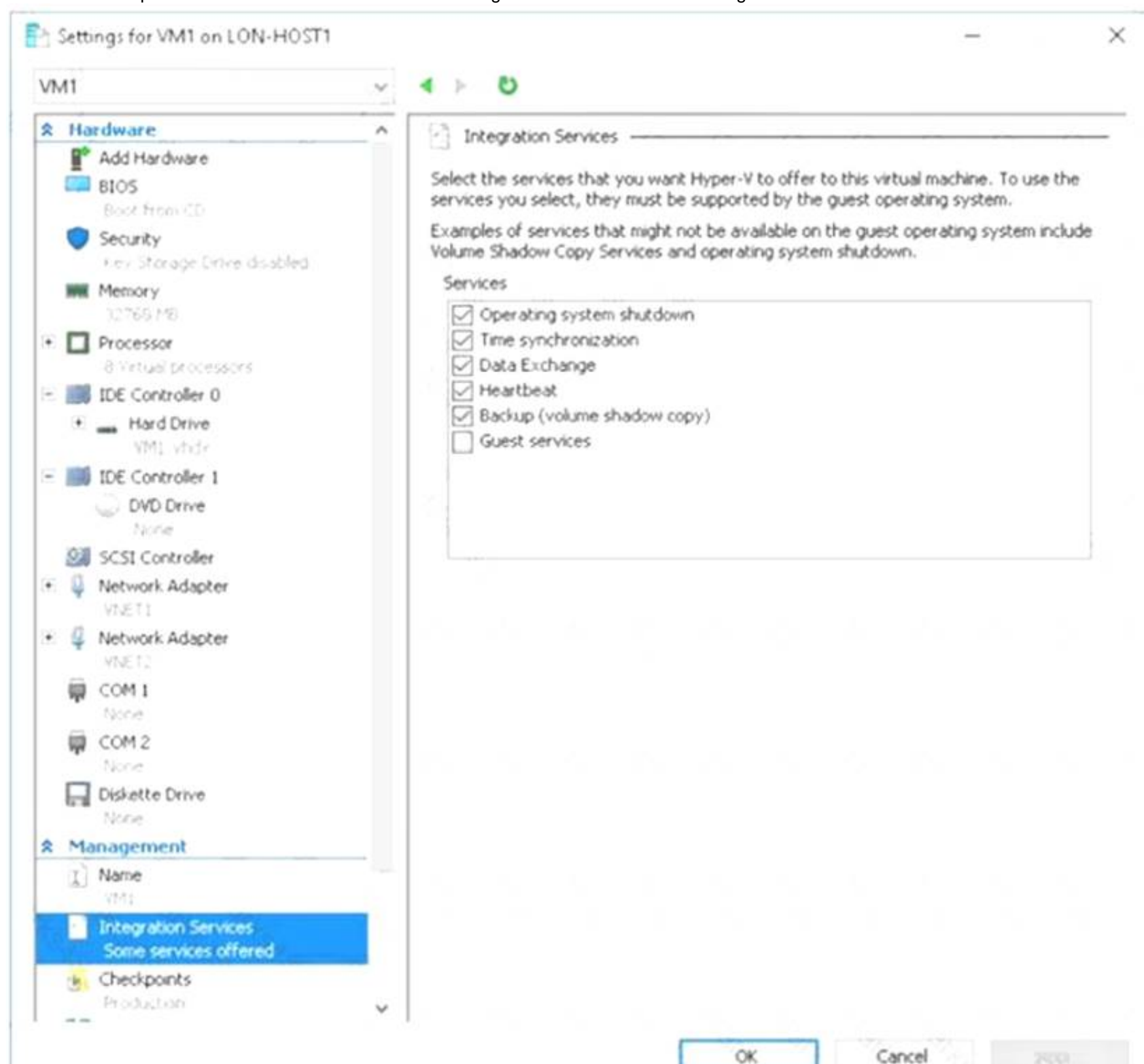
Container2:

	▼
Item4 only	
Item2 and Item4 only	
Item1, Item3, and Item4 only	
Item1, Item2, Item3, and Item4	

NEW QUESTION 45

- (Exam Topic 2)

You have an on-premises virtual machine named VM1 configured as shown in the following exhibit.



VM is started.

You need to create a new virtual machine image in Azure from VM1.

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

NOTE: Each correct selection is worth one point.

- A. Remove the Backup (volume shadow copy) integration service
- B. Generalize VM1
- C. Run Add-AzureRmVhd and specify a blob service container as the destination
- D. Run Add-AzureRmVhd and specify a file share as the destination
- E. Reduce the amount of memory to 16 GB
- F. Convert the disk type to VHD

Answer: BCF

NEW QUESTION 48

- (Exam Topic 2)

You have an Azure virtual machine named VM1 and an Azure Active Directory (Azure AD) tenant named adatum.com.

D18912E1457D5D1DDCBD40AB3BF70D5D

VM1 has the following settings:

- > IP address: 10.10.0.10
- > System-assigned managed identity: On

You need to create a script that will run from within VM1 to retrieve the authentication token of VM1. Which address should you use in the script?

- A. vm1.adatum.com.onmicrosoft.com
- B. 169.254.169.254
- C. 10.10.0.10
- D. vm1.adatum.com

Answer: B

Explanation:

Your code that's

running on the VM can request a token from the Azure Instance Metadata Service identity endpoint, accessible only from within the VM:

http://169.254.169.254/metadata/identity/oauth2/token

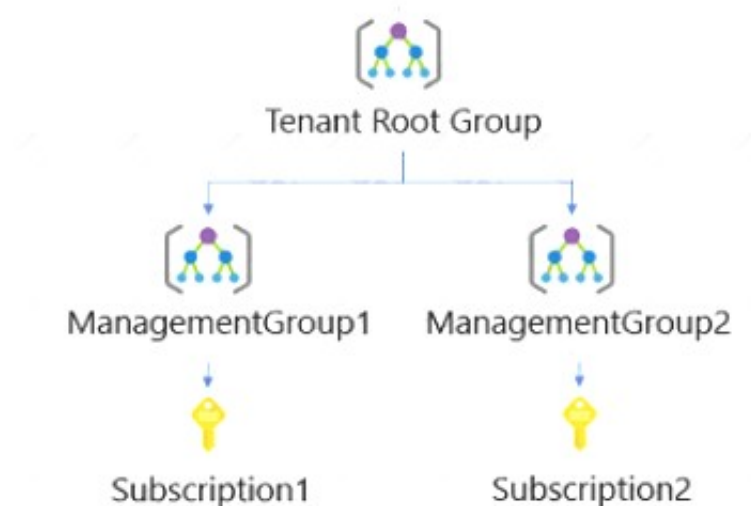
Reference:

https://docs.microsoft.com/en-us/azure/active-directory/managed-identities-azure-resources/overview

NEW QUESTION 53

- (Exam Topic 2)

You have a hierarchy of management groups and Azure subscriptions as shown in the following table.



You create the Azure resources shown in the following table.

Name	Type	Created in
RG1	Resource group	Subscription1
RG2	Resource group	Subscription2
VM2	Virtual machine	RG2

You assign roles to users as shown in the following table.

User name	Role	On resource
User1	Contributor	ManagementGroup1
User2	Contributor	ManagementGroup2
User3	Reader	Tenant Root Group

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point

Statements	Yes	No
You can remove User1 from the Contributor role for RG1.	<input type="radio"/>	<input type="radio"/>
User2 can delete VM2.	<input type="radio"/>	<input type="radio"/>
You can add User3 as a Contributor for RG1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You can remove User1 from the Contributor role for RG1.	<input checked="" type="radio"/>	<input type="radio"/>
User2 can delete VM2.	<input checked="" type="radio"/>	<input type="radio"/>
You can add User3 as a Contributor for RG1.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 56

- (Exam Topic 2)

Note: This question is part of 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 Active Directory (Azure AD) tenant that contains a group named Group1. You need to enable multi-factor authentication (MFA) for the users in Group1 only.

Solution: From Multi-Factor Authentication, you select Bulk update, and you provide a CSV file that contains the members of Group1.

Does this meet the goal?

- A. Yes
B. No

Answer: B

Explanation:

We should use a Conditional Access policy.

Note: There are two ways to secure user sign-in events by requiring multi-factor authentication in Azure AD. The first, and preferred, option is to set up a Conditional Access policy that requires multi-factor authentication under certain conditions. The second option is to enable each user for Azure Multi-Factor Authentication. When users are enabled individually, they perform multi-factor authentication each time they sign in (with some exceptions, such as when they sign in from trusted IP addresses or when the remembered devices feature is turned on).

Enabling Azure Multi-Factor Authentication using Conditional Access policies is the recommended approach. Changing user states is no longer recommended unless your licenses don't include Conditional Access as it requires users to perform MFA every time they sign in.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-userstates>

NEW QUESTION 58

- (Exam Topic 2)

Your company has an Azure subscription.

You enable multi-factor authentication (MFA) for all users.

The company's help desk reports an increase in calls from users who receive MFA requests while they work from the company's main office.

You need to prevent the users from receiving MFA requests when they sign in from the main office. What should you do?

- A. From Azure Active Directory (Azure AD), configure organizational relationships.
B. From the MFA service settings, create a trusted IP range.
C. From Conditional access in Azure Active Directory (Azure AD), create a custom control.
D. From Conditional access in Azure Active Directory (Azure AD), create a named location.

Answer: B

Explanation:

The first thing you may want to do, before enabling Multi-Factor Authentication for any users, is to consider configuring some of the available settings. One of the most important features is a trusted IPs list. This will allow you to whitelist a range of IPs for your network. This way, when users are in the office, they will not get prompted with MFA, and when they take their devices elsewhere, they will. Here's how to do it:

Log in to your Azure Portal.

Navigate to Azure AD > Conditional Access > Named locations. From the top toolbar select Configure MFA trusted IPs. References:

<https://www.kraftkennedy.com/implementing-azure-multi-factor-authentication/>

NEW QUESTION 62

- (Exam Topic 2)

Note: This question is part of 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 server named Server1 that runs Windows Server 2019. Server1 is a container host. You are creating a Dockerfile to build a container image.

You need to add a file named File1.txt from Server1 to a folder named C:\Folder1 in the container image. Solution: You add the following line to the Dockerfile.

COPY File1.txt /Folder1/

You then build the container image. Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Copy is the correct command to copy a file to the container image. References:

https://docs.docker.com/develop/develop-images/dockerfile_best-practices/#add-or-copy <https://docs.docker.com/engine/reference/builder/>

NEW QUESTION 65

- (Exam Topic 2)

You have an Azure subscription.

You create a custom role in Azure by using the following Azure Resource Manager template.

```
{
  "Name": "Role1",
  "Id": "888888888-8888-8888-888888888888",
  "IsCustom" : true,
  "Description" : "Role1 Description",
  "Actions" : [
    "Microsoft.Storage/*/read",
    "Microsoft.Network/*/read",
    "Microsoft.Compute/*/read",
    "Microsoft.Compute/virtualMachines/start/action",
    "Microsoft.Compute/virtualMachines/restart/action",
    "Microsoft.Authorization/*/read",
    "Microsoft.ResourceHealth/availabilityStatuses/read",
    "Microsoft.Resources/subscriptions/resourceGroups/read",
    "Microsoft.Insights/alertRules/*",
    "Microsoft.Insights/diagnosticSettings/*",
    "Microsoft.Support/*"
  ],
  "NotActions": [],
  "DataActions": [],
  "NotDataActions" : [],
  "AssignableScopes" : [
    "/subscriptions/981dd4bc-8cf4-46fc-9513-0c599648b44b"
  ]
}
```

You assign the role to a user named User1. Which action can User1 perform?

A. Delete virtual machines.

B. Create resource groups.

C. Create virtual machines.

D. Create support requests

Answer: D

Explanation:

The "Microsoft.Support/*" operation will allow the user to create support tickets. References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/tutorial-custom-role-powershell>

NEW QUESTION 66

- (Exam Topic 2)

Your company plans to develop an application that will use a NoSQL database. The database will be used to store transactions and customer information by using JSON documents. Which two Azure Cosmos DB APIs can developers use for the application? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Cassandra

B. Gremlin (graph)

C. MongoDB

D. Azure Table

E. Core (SQL)

Answer: DE

NEW QUESTION 67

- (Exam Topic 2)

You have an Azure Kubernetes Service (AKS) cluster named Clus1 in a resource group named RG1. An administrator plans to manage Clus1 from an Azure AD-joined device.

You need to ensure that the administrator can deploy the YAML application manifest file for a container application.

You install the Azure CLI on the device. Which command should you run next?

- A. `kubectl get nodes`
- B. `az aks install-cli`
- C. `kubectl apply -f app1.yaml`
- D. `az aks get-credentials --resource-group RG1 --name Clus1`

Answer: C

Explanation:

`kubectl apply -f appl.yaml` applies a configuration change to a resource from a file or stdin. References:
<https://kubernetes.io/docs/reference/kubectl/overview/> <https://docs.microsoft.com/en-us/cli/azure/aks>

NEW QUESTION 72

- (Exam Topic 2)

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 Active Directory (Azure AD) tenant named contoso.com.

A user named Admin1 attempts to create an access review from the Azure Active Directory admin center and discovers that the Access reviews settings are unavailable. Admin 1 discovers that all the other Identity Governance settings are available.

Admin1 is assigned The User administrator, Compliance administrator, and Security administrator roles. You need to ensure that Admin1 can create access reviews in contoso.com. .

Solution: You assign the Global administrator role to Admin1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead use Azure AD Privileged Identity Management.

Note: PIM essentially helps you manage the who, what, when, where, and why for resources that you care about. Key features of PIM include:

➤ Conduct access reviews to ensure users still need roles References:

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

NEW QUESTION 74

- (Exam Topic 2)

You are developing an Azure Web App. You configure TLS mutual authentication for the web app.

You need to validate the client certificate in the web app. To answer, select the appropriate options in the answer area.

Property	Value
Client certificate location	<div> <div></div> <div> HTTP request header Client cookie HTTP message body URL query string </div> </div>
Encoding type	<div> <div></div> <div> HTML URL Unicode Base64 </div> </div>

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Property	Value
Client certificate location	<div> <div></div> <div>▼</div> </div> <div> <div>HTTP request header</div> <div>Client cookie</div> <div>HTTP message body</div> <div>URL query string</div> </div>
Encoding type	<div> <div></div> <div>▼</div> </div> <div> <div>HTML</div> <div>URL</div> <div>Unicode</div> <div>Base64</div> </div>

NEW QUESTION 76

- (Exam Topic 2)

You have SQL Server on an Azure virtual machine named SQL1.

You need to automate the backup of the databases on SQL1 by using Automated Backup v2 for the virtual machines. The backups must meet the following requirements:

- Meet a recovery point objective (RPO) of 15 minutes.
- Retain the backups for 30 days.
- Encrypt the backups at rest.

What should you provision as part of the backup solution?

- A. Azure Key Vault
 B. an Azure Storage account
 C. a Recovery Services vault
 D. Elastic Database jobs

Answer: B

Explanation:

An Azure storage account is used for storing Automated Backup files in blob storage. A container is created at this location to store all backup files. The backup file naming convention includes the date, time, and database GUID.

Reference:

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

NEW QUESTION 81

- (Exam Topic 2)

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

Name	Type	Address space
VNET1	Virtual network	10.1.1.0/24
Subnet1	Subnet	10.1.1.0/24
VM1	Virtual machine	Not applicable

Subnet1 is on VNET1. VM1 connects to Subnet1.

You plan to create a virtual network gateway on VNET1.

You need to prepare the environment for the planned virtual network gateway.

What are two ways to achieve this goal? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. Create a subnet named GatewaySubnet on VNET1.
 B. Delete Subnet1.
 C. Modify the address space used by Subnet1.
 D. Modify the address space used by VNET1
 E. Create a local network gateway.

Answer: AD

NEW QUESTION 85

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