



Microsoft

Exam Questions AZ-303

Microsoft Azure Architect Technologies (beta)

NEW QUESTION 1

- (Exam Topic 1)

You need to identify the storage requirements for Contoso.

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
Contoso requires a storage account that supports Blob storage.	<input type="radio"/>	<input type="radio"/>
Contoso requires a storage account that supports Azure Table storage.	<input type="radio"/>	<input type="radio"/>
Contoso requires a storage account that supports Azure File Storage.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

Contoso is moving the existing product blueprint files to Azure Blob storage.

Use unmanaged standard storage for the hard disks of the virtual machines. We use Page Blobs for these. Box 2: No

Box 3: No

NEW QUESTION 2

- (Exam Topic 1)

You need to recommend an identify solution that meets the technical requirements.

What should you recommend?

- A. federated single-on (SSO) and Active Directory Federation Services (AD FS)
- B. password hash synchronization and single sign-on (SSO)
- C. cloud-only user accounts
- D. Pass-through Authentication and single sign-on (SSO)

Answer: D

Explanation:

Active Directory Federation Services is a feature and web service in the Windows Server Operating System that allows sharing of identity information outside a company's network.

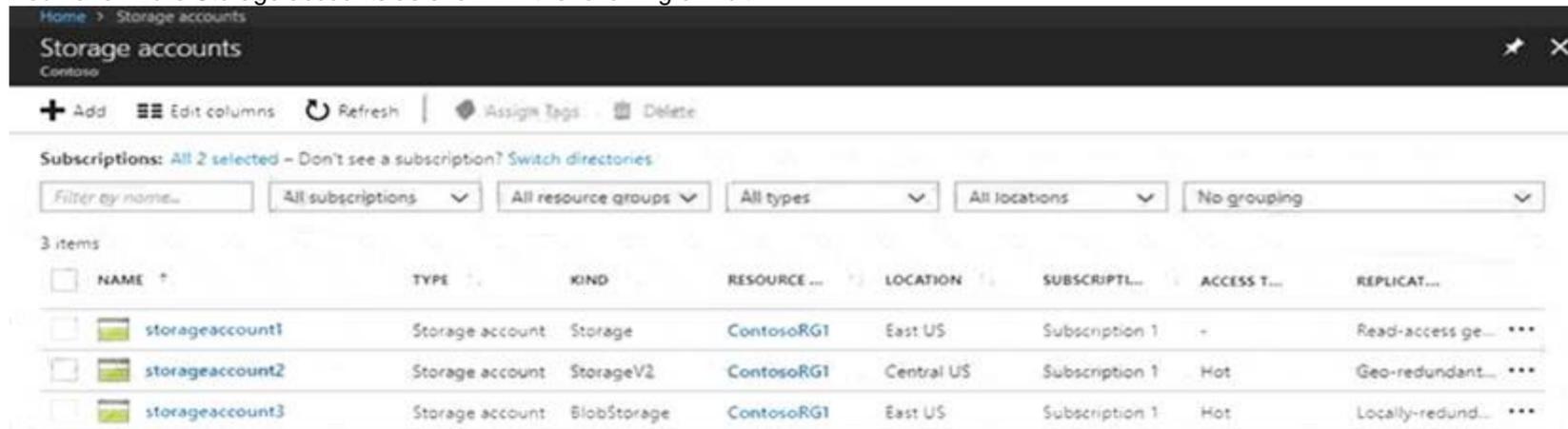
Scenario: Technical Requirements include:

Prevent user passwords or hashes of passwords from being stored in Azure. References: <https://www.sherweb.com/blog/active-directory-federation-services/>

NEW QUESTION 3

- (Exam Topic 2)

You have Azure Storage accounts as shown in the following exhibit.



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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Note: The three different storage account options are: General-purpose v2 (GPv2) accounts, General-purpose v1 (GPv1) accounts, and Blob storage accounts.

- > General-purpose v2 (GPv2) accounts are storage accounts that support all of the latest features for blobs, files, queues, and tables.
- > Blob storage accounts support all the same block blob features as GPv2, but are limited to supporting only block blobs.
- > General-purpose v1 (GPv1) accounts provide access to all Azure Storage services, but may not have the latest features or the lowest per gigabyte pricing.

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-options>

NEW QUESTION 4

- (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 5

- (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.

ADD File1.txt C:/Folder1/

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

- A. Yes
- B. No

Answer: B

Explanation:

Copy is the correct command to copy a file to the container image. The ADD command can also be used. However, the root directory is specified as '/' and not as 'C:/'.

Reference:

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

NEW QUESTION 6

- (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 7

- (Exam Topic 2)

Your company has an office in Seattle.

You have an Azure subscription that contains a virtual network named VNET1. You create a site-to-site VPN between the Seattle office and VNET1.

VNET1 contains the subnets shown in the following table.

Name	IP address space
Subnet1	10.1.1.0/24
GatewaySubnet	10.1.200.0/28

You need to redirect all Internet-bound traffic from Subnet1 to the Seattle office. What should you create?

- A. a route for Subnet1 That uses the virtual network gateway as the next hop
- B. a route for GatewaySubnet that uses the virtual network gateway as the next hop
- C. a route for GatewaySubnet that uses the local network gateway as the next hop
- D. a route for Subnet1 that uses The local network gateway as the next hop

Answer: B

Explanation:

A route with the 0.0.0.0/0 address prefix instructs Azure how to route traffic destined for an IP address that is not within the address prefix of any other route in a subnet's route table. When a subnet is created, Azure creates a default route to the 0.0.0.0/0 address prefix, with the Internet next hop type. We need to create a custom route in Azure to use a virtual network gateway in the Seattle office as the next hop.

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

NEW QUESTION 8

- (Exam Topic 2)

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

Name	Region	In resource group
Sql1	West US	RG1
Sql2	West US	RG1

The subscription contains the elastic pool shown in the following table.

Name	On Azure SQL server
Pool1	Sql1
Pool2	Sql1
Pool3	Sql2

The subscription contains the Azure SQL databases shown in the following table.

Name	On Azure SQL server	Pool
DB1	Sql1	Pool1
DB2	Sql1	Pool2
DB3	Sql1	None

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

Answer Area

Statements	Yes	No
DB1 can be removed from Pool1 and added to Pool2.	<input type="radio"/>	<input type="radio"/>
DB2 can be removed from Pool2 and added to Pool3.	<input type="radio"/>	<input type="radio"/>
DB3 can be added to Pool1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Note: You cannot add databases from different servers into the same pool
 Box 1: Yes
 Pool2 contains DB2 but DB1 and DB2 are on Sql1. DB1 can thus be added to Pool2.
 Box 2: Yes
 Pool3 is empty.
 Box 3: Yes
 Pool1 contains DB1 but DB3 and DB1 are on Sql1. DB3 can thus be added to Pool1.
 References:
<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-elastic-pool>

NEW QUESTION 9

- (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 10

- (Exam Topic 2)

You have an Azure App Service app.

You need to implement tracing for the app. The tracing information must include the following:

- > Usage trends
- > AJAX call responses
- > Page load speed by browser
- > Server and browser exceptions

What should you do?

- A. Configure IIS logging in Azure Log Analytics.
- B. Configure a connection monitor in Azure Network Watcher.
- C. Configure custom logs in Azure Log Analytics.
- D. Enable the Azure Application Insights site extension.

Answer: D

Explanation:

For web pages, Application Insights JavaScript SDK automatically collects AJAX calls as dependencies. Note: Some of the things you can track or collect are: What are the most popular webpages in your application, at what time of day and where is that traffic coming from?

Dependency rates or response times and failure rates to find out if there's an external service that's causing performance issues on your app, maybe a user is using a portal to get through to your application and there are response time issues going through there for instance.

Exceptions for both server and browser information, as well as page views and load performance from the end users' side.

Reference:

<https://azure.microsoft.com/en-us/blog/ajax-collection-in-application-insights/> <https://blog.prismaticworks.com/what-is-application-insights>

NEW QUESTION 10

- (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"
      ]
    }
  }
},
```

Section2.

```
"variables": {
  "windowsOSVersion": "2012-Datacenter",
```

Section3.

```
},
"resources": [
  {
    "type": "Microsoft.Compute/virtualMachines",
```

Section4.

```
"storageProfile": {
  "imageReference": {
    "publisher": "MicrosoftWindowsServer",
    "offer": "WindowsServer",
    "sku": "2012-R2-Datacenter",
    "version": "latest"
  }
},
```

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 12

- (Exam Topic 2)

You have an Azure Container Registry and an Azure container instance.

You pull an image from the registry, and then update the local copy of the image.

You need to ensure that the updated image can be deployed to the container instance. The solution must ensure that you can deploy the updated image or the previous version of the image.

What should you do?

- A. Run the docker image push command and specify the tag parameter.
- B. Run the az image copy command and specify the tag parameter.
- C. Run the az aks update command and specify the attach-acr parameter.
- D. Run the kubectl apply command and specify the dry-run parameter.

Answer: B

NEW QUESTION 17

- (Exam Topic 2)

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

Name	Elastic pool
sqlserver1	Pool1
sqlserver2	Pool1, Pool2

You have the Azure SQL databases shown in the following table.

Name	Azure SQL Database server	Elastic pool
DB1	sqlserver1	None
DB2	sqlserver1	Pool1
DB3	sqlserver2	Pool1
DB4	sqlserver2	Pool2

You create a failover group named failover1 that has the following settings:

- Primary server: sqlserver1
- Secondary server: sqlserver2
- Read/Write failover policy: Automatic
- Read/Write grace period (hours): 1 hour

Statements	Yes	No
You can add DB1 to failover1.	<input type="radio"/>	<input type="radio"/>
You can add DB3 to failover1.	<input type="radio"/>	<input type="radio"/>
Sqlserver1 and sqlserver2 are in the same Azure region.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You can add DB1 to failover1.	<input checked="" type="radio"/>	<input type="radio"/>
You can add DB3 to failover1.	<input type="radio"/>	<input checked="" type="radio"/>
SqlServer1 and sqlserver2 are in the same Azure region.	<input checked="" type="radio"/>	<input type="radio"/>

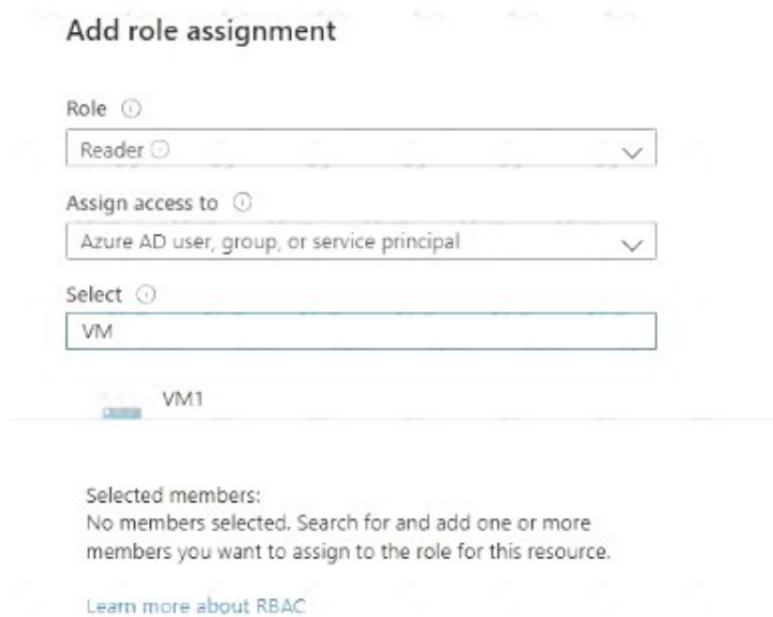
NEW QUESTION 19

- (Exam Topic 2)

You create the Azure resources shown in the following table.

Name	Resource type
VM1	Virtual machine
VM2	Virtual machine
Managed1	Managed identity
Managed2	Managed identity

You attempt to add a role assignment to a resource group as shown in the following exhibit.



What should you do to ensure that you can assign VM2 the Reader role for the resource group?

- A. Modify the Reader role at the subscription level.
- B. Configure just in time (JIT) VM access on VM2.
- C. Configure Access control (IAM) on VM2.
- D. Assign a managed identity to VM2.

Answer: D

NEW QUESTION 22

- (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 23

- (Exam Topic 2)

You create the following Azure role definition.

```
{
  "Name": "Role1",
  "Id": "80808080-8080-8080-8080-808080808080",
  "IsCustom": false,
  "Description": "",
  "Actions": [
    "Microsoft.Storage/*/read",
    "Microsoft.Network/*/read",
    "Microsoft.Compute/virtualMachines/start/action",
    "Microsoft.Compute/virtualMachines/restart/action",
    "Microsoft.Authorization/*/read"],
  "NotActions": [ ],
  "DataActions": [ ],
  "NotDataActions": [ ],
  "AssignableScopes": [ ]
}
```

You need to create Role1 by using the role definition.

Which two values should you modify before you create Role1? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. AssignableScopes
- B. Description
- C. DataActions
- D. IsCustom
- E. Id

Answer: AD

Explanation:

Part of example: "IsCustom": true,

"AssignableScopes": ["/subscriptions/{subscriptionId1}", "/subscriptions/{subscriptionId2}",
 "/subscriptions/{subscriptionId3}"

The following shows what a custom role looks like as displayed in JSON format. This custom role can be used for monitoring and restarting virtual machines.

```
{
  "Name": "Virtual Machine Operator",
  "Id": "88888888-8888-8888-8888-888888888888",
  "IsCustom": true,
  "Description": "Can monitor and restart virtual machines.", "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/{subscriptionId1}",
  "/subscriptions/{subscriptionId2}", "/subscriptions/{subscriptionId3}"
  ]
}
```

Reference:

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

NEW QUESTION 27

- (Exam Topic 2)

You have a web server app named App1 that is hosted in three Azure regions. You plan to use Azure Traffic Manager to distribute traffic optimally for App1. You need to enable Real User Measurements to monitor the network latency data for App1. What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

From the Traffic Manager profile:

- Select Generate key.
- Enable Traffic view.
- Configure the Diagnostics settings.
- Add a custom header.

From App1:

- Embed the Traffic Manager JavaScript code snippet.
- Embed the Azure Application Insights JavaScript code snippet.
- Configure the Diagnostics settings.
- Configure the Application settings.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Select Generate key

You can configure your web pages to send Real User Measurements to Traffic Manager by obtaining a Real User Measurements (RUM) key and embedding the generated code to web page.

Obtain a Real User Measurements key

The measurements you take and send to Traffic Manager from your client application are identified by the service using a unique string, called the Real User Measurements (RUM) Key. You can get a RUM key using the Azure portal, a REST API, or by using the PowerShell or Azure CLI.

To obtain the RUM Key using Azure portal:

- > From a browser, sign in to the Azure portal. If you don't already have an account, you can sign up for a free one-month trial.
- > In the portal's search bar, search for the Traffic Manager profile name that you want to modify, and then click the Traffic Manager profile in the results that the displayed.
- > In the Traffic Manager profile blade, click Real User Measurements under Settings.
- > Click Generate Key to create a new RUM Key.

Box 2: Embed the Traffic Manager JavaScript code snippet. Embed the code to an HTML web page

After you have obtained the RUM key, the next step is to embed this copied JavaScript into an HTML page that your end users visit.

This example shows how to update an HTML page to add this script. You can use this guidance to adapt it to your HTML source management workflow.

- > Open the HTML page in a text editor
- > Paste the JavaScript code you had copied in the earlier step to the BODY section of the HTML (the copied code is on line 8 & 9, see figure 3).

```

1 <HTML>
2 <HEAD>
3 <TITLE>Webpage powered by Azure</TITLE>
4 </HEAD>
5 <BODY BGCOLOR="FFFFFF">
6 <H1>Welcome</H1>
7 <P> <B>Hello!</B>
8 <script src="//www.atmrum.net/rum.js"></script>
9 <script>rum.start("0123456789abcdef0123456789abcdff");</script>
10 </BODY>
11 </HTML>

```

Reference:
<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-create-rum-web-pages>

NEW QUESTION 30

- (Exam Topic 2)

You have an Azure Active Directory (Azure AD) tenant that contains the user groups shown in the following table.

Name	Role	Member of
User1	Global administrator	None
User2	User administrator	Group1
User3	Password administrator	Group1
User4	None	Group1

You enable self-service password reset (SSPR) for Group1.

You configure the Notifications settings as shown in the following exhibit.

Save Discard

Notify users on password resets? ⓘ

Yes No

Notify all admins when other admins reset their password? ⓘ

Yes No

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

Statements	Yes	No
User1 gets a notification when User3 resets her password by using SSPR.	<input type="radio"/>	<input type="radio"/>
User3 gets a notification when User3 resets her password by using SSPR.	<input type="radio"/>	<input type="radio"/>
User1 gets a notification when User2 resets the password of User4.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes
 Notify all admins when other admins reset their passwords: Yes. Box 2: No
 Notify users on password resets: No. Box 3: No

- > Notify users on password resets
 If this option is set to Yes, then users resetting their password receive an email notifying them that their password has been changed. The email is sent via the SSPR portal to their primary and alternate email addresses that are on file in Azure AD. No one else is notified of the reset event.
- > Notify all admins when other admins reset their passwords
 If this option is set to Yes, then all administrators receive an email to their primary email address on file in Azure AD. The email notifies them that another administrator has changed their password by using SSPR.
 Example: There are four administrators in an environment. Administrator A resets their password by using SSPR. Administrators B, C, and D receive an email alerting them of the password reset.
 Reference:
<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-sspr-howitworks> <https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-enable-sspr>

NEW QUESTION 32

- (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 style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="border: 1px solid black; padding: 2px;"> <p>HTTP request header</p> <p>Client cookie</p> <p>HTTP message body</p> <p>URL query string</p> </div> </div>
Encoding type	<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; justify-content: space-between; align-items: center;"> ▼ </div> <div style="border: 1px solid black; padding: 2px;"> <p>HTML</p> <p>URL</p> <p>Unicode</p> <p>Base64</p> </div> </div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Property	Value
Client certificate location	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;"> ▼ </div> <div style="padding: 2px;"> <p>HTTP request header</p> <p>Client cookie</p> <p>HTTP message body</p> <p>URL query string</p> </div> </div>
Encoding type	<div style="border: 1px solid black; padding: 2px;"> <div style="border-bottom: 1px solid black; padding: 2px;"> ▼ </div> <div style="padding: 2px;"> <p>HTML</p> <p>URL</p> <p>Unicode</p> <p>Base64</p> </div> </div>

NEW QUESTION 37

- (Exam Topic 2)

A company plans to use third-party application software to perform complex data analysis processes. The software will use up to 500 identical virtual machines (VMs) based on an Azure Marketplace VM image.

You need to design the infrastructure for the third-party application server. The solution must meet the following requirements:

- > The number of VMs that are running at any given point in time must change when the user workload changes.
- > When a new version of the application is available in Azure Marketplace it must be deployed without causing application downtime.
- > Use VM scale sets.
- > Minimize the need for ongoing maintenance.

Which two technologies should you recommend? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. single storage account
- B. autoscale
- C. single placement group
- D. managed disks

Answer: BD

Explanation:

Introduction to Azure managed disks

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/managed-disks-overview> "Using managed disks, you can create up to 50,000 VM disks of a type in a subscription per region, allowing you to create thousands of VMs in a single subscription. This feature also further increases the scalability of virtual machine scale sets by allowing you to create up to 1,000 VMs in a virtual machine scale set using a Marketplace image."

NEW QUESTION 39

.....

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