

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Selected

NEW QUESTION 2

- (Exam Topic 1)

You need to implement a backup solution for App1 after the application is moved. What should you create first?

- A. a recovery plan
- B. an Azure Backup Server
- C. a backup policy
- D. a Recovery Services vault

Answer: D

Explanation:

A Recovery Services vault is a logical container that stores the backup data for each protected resource, such as Azure VMs. When the backup job for a protected resource runs, it creates a recovery point inside the Recovery Services vault.

Scenario:

There are three application tiers, each with five virtual machines. Move all the virtual machines for App1 to Azure.

Ensure that all the virtual machines for App1 are protected by backups.

References: <https://docs.microsoft.com/en-us/azure/backup/quick-backup-vm-portal>

NEW QUESTION 3

- (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 4

- (Exam Topic 1)

You need to recommend a solution for App1. The solution must meet the technical requirements. What should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 3

One virtual network for every tier Box 2: 1

Only one subnet for each tier, to minimize the number of open ports.

A SQL database

A web front end

A processing middle tier

Each tier is comprised of five virtual machines. Users access the web front end by using HTTPS only. Technical requirements:

Move all the virtual machines for App1 to Azure.

Minimize the number of open ports between the App1 tiers.

Scenario: You have a public-facing application named App1. App1 is comprised of the following three tiers:

NEW QUESTION 5

- (Exam Topic 2)

You create a virtual machine scale set named Scale1. Scale1 is configured as shown in the following exhibit. The subscription contains the Azure SQL databases shown in the following table.

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1:

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.

Box 2:

The Autoscale scale in rule decreases the number of VMs by 4 if the CPU threshold is 30% or lower. The initial instance count is 4 and thus cannot be reduced to 0 as the minimum instances is set to 2. Instances are only added when the CPU threshold reaches 80%.

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-overview>

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-best-practices> <https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-common-scale-patterns>

NEW QUESTION 6

- (Exam Topic 2)

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

You create an Azure Resource Manager template named Template1 as shown in the following exhibit.

From the Azure portal, you deploy Template1 four times by using the settings shown in the following table.

What is the result of the deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 7

- (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 8

- (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.

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 9

- (Exam Topic 2)

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

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 the Azure SQL servers shown in the following table.

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

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

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

- 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 10

- (Exam Topic 2)

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

You enable Azure Advanced Threat Protection (ATP) for all the storage accounts. You need to identify which storage accounts will generate Azure ATP alerts. Which two storage accounts should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. storagecontoso1
- B. storagecontoso2
- C. storagecontoso3
- D. storagecontoso4
- E. storaaecontoso5

Answer: AB

Explanation:

Advanced threat protection for Azure Storage is currently available only for Blob Storage.

<https://docs.microsoft.com/en-us/azure/storage/common/storage-advanced-threat-protection?tabs=azure-portal>

NEW QUESTION 14

- (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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 19

- (Exam Topic 2)

Your company has a virtualization environment that contains the virtualization hosts shown in the following table.

The virtual machines are configured as shown in the following table.

All the virtual machines use basic disks. VM1 is protected by using BitLocker Drive Encryption (BitLocker). You plan to migrate the virtual machines to Azure by using Azure Site Recovery.

You need to identify which virtual machines can be migrated.

Which virtual machines should you identify for each server? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Enterprise State Roaming provides users with a unified experience across their Windows devices and reduces the time needed for configuring a new device.

Box 1: Yes

Box 2: No

Box 3: Yes References:

<https://docs.microsoft.com/en-us/azure/active-directory/devices/enterprise-state-roaming-overview>

NEW QUESTION 24

- (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 26

- (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 28

- (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 33

- (Exam Topic 2)

You have an Azure subscription that contains 100 virtual machines.

You have a set of Pester tests in PowerShell that validate the virtual machine environment.

You need to run the tests whenever there is an operating system update on the virtual machines. The solution must minimize implementation time and recurring costs.

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Which three resources should you use to implement the tests? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

- A. Azure Automation runbook
- B. an alert rule
- C. an Azure Monitor query
- D. a virtual machine that has network access to the 100 virtual machines
- E. an alert action group

Answer: ABE

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/automation/automation-create-alert-triggered-runbook> <https://techsnips.io/snips/how-to-create-and-test-azure-monitor-alerts/?page=13>

NEW QUESTION 36

- (Exam Topic 2)

You plan to deploy an Azure virtual machine named VM1 by using an Azure Resource Manager template. You need to complete the template.

What should you include in the template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Within your template, the dependsOn element enables you to define one resource as a dependent on one or more resources. Its value can be a comma-separated list of resource names.

Box 1: 'Microsoft.Network/networkInterfaces'

This resource is a virtual machine. It depends on two other resources: Microsoft.Storage/storageAccounts Microsoft.Network/networkInterfaces

Box 2: 'Microsoft.Network/virtualNetworks'

The dependsOn element enables you to define one resource as a dependent on one or more resources. The resource depends on two other resources:

Microsoft.Network/publicIPAddresses Microsoft.Network/virtualNetworks

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-manager-tutorial-create-templates-with>

NEW QUESTION 38

- (Exam Topic 2)

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

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 41

- (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 46

- (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 50

- (Exam Topic 2)

You create a container image named Image1 on a developer workstation.

You plan to create an Azure Web App for Containers named WebAppContainer that will use Image1. You need to upload Image1 to Azure. The solution must ensure that WebAppContainer can use Image1. To which storage type should you upload Image1?

- A. Azure Container Registry
- B. an Azure Storage account that contains a blob container
- C. an Azure Storage account that contains a file share
- D. Azure Container Instances

Answer: A

Explanation:

Configure registry credentials in web app.

App Service needs information about your registry and image to pull the private image. In the Azure portal, go to Container settings from the web app and update the Image source, Registry and save.

References:

<https://docs.microsoft.com/en-us/azure/devops/pipelines/targets/webapp-on-container-linux>

NEW QUESTION 52

- (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 54

- (Exam Topic 2)

Your company hosts multiple websites by using Azure virtual machine scale sets (VMSS) that run Internet Information Server (IIS).

All network communications must be secured by using end to end Secure Socket Layer (SSL) encryption. User sessions must be routed to the same server by using cookie-based session affinity.

The image shown depicts the network traffic flow for the websites to the VMSS.

Use the drop-down menus to select the answer choice that answers each question.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Azure Application Gateway

You can create an application gateway with URL path-based redirection using Azure PowerShell. Box 2: Path-based redirection and Websockets

Reference:

<https://docs.microsoft.com/bs-latn-ba/azure//application-gateway/tutorial-url-redirect-powershell>

NEW QUESTION 58

- (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 59

- (Exam Topic 2)

You have an Azure subscription.

You plan to deploy an app that has a web front end and an application tier.

You need to recommend a load balancing solution that meets the following requirements:

Internet to web tier:

- Provides URL-based routing
- Supports connection draining
- Prevents SQL injection attacks

Web tier to application tier:

- Provides port forwarding
- Supports HTTPS health probes
- Supports an availability set as a backend pool

Which load balancing solution should you recommend for each tier? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: An Azure Application Gateway that has a web application firewall (WAF)

Azure Application Gateway offers a web application firewall (WAF) that provides centralized protection of your web applications from common exploits and vulnerabilities. Web applications are increasingly targeted by malicious attacks that exploit commonly known vulnerabilities. SQL injection and cross-site scripting are among the most common attacks.

Application Gateway operates as an application delivery controller (ADC). It offers Secure Sockets Layer (SSL) termination, cookie-based session affinity, round-robin load distribution, content-based routing, ability to host multiple websites, and security enhancements.

Box 2: An internal Azure Standard Load Balancer

The internet to web tier is the public interface, while the web tier to application tier should be internal. Note: When using load-balancing rules with Azure Load Balancer, you need to specify a health probes to allow Load Balancer to detect the backend endpoint status.

Health probes support the TCP, HTTP, HTTPS protocols. References:

<https://docs.microsoft.com/en-us/azure/application-gateway/waf-overview> <https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-custom-probe-overview>

NEW QUESTION 63

- (Exam Topic 2)

A company runs multiple Windows virtual machines (VMs) in Azure.

The IT operations department wants to apply the same policies as they have for on-premises VMs to the VMs running in Azure, including domain administrator permissions and schema extensions.

You need to recommend a solution for the hybrid scenario that minimizes the amount of maintenance required. What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Join the VMs to a new domain controller VM in Azure

Azure provides two solutions for implementing directory and identity services in Azure:

(Used in this scenario) Extend your existing on-premises Active Directory infrastructure to Azure, by deploying a VM in Azure that runs AD DS as a Domain Controller. This architecture is more common when the on-premises network and the Azure virtual network (VNet) are connected by a VPN or ExpressRoute connection.

Use Azure AD to create an Active Directory domain in the cloud and connect it to your on-premises Active Directory domain. Azure AD Connect integrates your on-premises directories with Azure AD.

Box 2: Set up VPN connectivity.

This architecture is more common when the on-premises network and the Azure virtual network (VNet) are connected by a VPN or ExpressRoute connection.

References:

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

NEW QUESTION 67

- (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 69

- (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.

- 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).

Reference:

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

NEW QUESTION 71

- (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.

Your company is deploying an on-premises application named Appl. Users will access App1 by using a URL of <https://app1.contoso.com>. You register App1 in Azure Active Directory (Azure AD) and publish Appl by using the Azure AD Application Proxy. You need to ensure that Appl appears in the My Apps portal for all the users.

Solution: You create a conditional access policy for App1.

- A. Yes
- B. No

Answer: B

NEW QUESTION 74

- (Exam Topic 2)

Your network contains an on-premises Active Directory domain named contoso.com that contains a user named User1. The domain syncs to Azure Active Directory (Azure AD). You have the Windows 10 devices shown in the following table.

The User Sign-In settings are configured as shown in the following exhibit.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 78

- (Exam Topic 2)

You have two Azure SQL Database managed instances in different Azure regions. You plan to configure the managed instances in an instance failover group. What should you configure before you can add the managed instances to the instance failover group?

- A. Azure Private Link that has endpoints on two virtual networks

- B. an internal Azure Load Balancer instance that has managed instance endpoints in a backend pool
- C. an Azure Application Gateway that has managed instance endpoints in a backend pool
- D. a Site-to-Site VPN between the virtual networks that contain the instances

Answer: D

Explanation:

For two managed instances to participate in a failover group, there must be either ExpressRoute or a gateway configured between the virtual networks of the two managed instances to allow network communication.
You create the two VPN gateways and connect them.

Create a bidirectional connection between the two gateways of the two virtual networks.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/failover-group-add-instance-tutorial?tabs=az>

NEW QUESTION 79

- (Exam Topic 2)

The developers at your company request that you create databases in Azure Cosmos DB as shown in the following table.

You need to create the Azure Cosmos DB databases to meet the developer request. The solution must minimize costs.

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

NOTE: Each correct selection is worth one point.

- A. Create three Azure Cosmos DB accounts, one for the databases that use the Core (SQL) API, one for CosmosDB2, and one for CosmosDB4.
- B. Create two Azure Cosmos DB accounts, one for CosmosDB2 and CosmosDB4 and one for CosmosDB1 and CosmosDB3.
- C. Create one Azure Cosmos DB account for each database.
- D. Create three Azure Cosmos DB accounts, one for the databases that use the MongoDB API, one for CosmosDB1, and one for CosmosDB3.

Answer: BD

Explanation:

Note:

Microsoft recommends using the same API for all access to the data in a given account.

One throughput provisioned container per subscription for SQL, Gremlin API, and Table accounts. Up to three throughput provisioned collections per subscription for MongoDB accounts.

The throughput provisioned on an Azure Cosmos container is exclusively reserved for that container. The container receives the provisioned throughput all the time.

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/set-throughput#set-throughput-on-a-container>

NEW QUESTION 83

- (Exam Topic 2)

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

In RG2, you need to create a new virtual machine named VM2 that will connect to VNET1. VM2 will use a network interface named VM2_Interface.

In which region should you create VM2 and VM2_Interface? To answer, drag the appropriate regions to the correct targets. Each region may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

VM2: West US

In RG2, which is in West US, you need to create a new virtual machine named VM2. VM2_interface: East US

VM2 will use a network interface named VM2_Interface to connect to VNET1, which is in East US. References:

<https://docs.microsoft.com/en-us/azure/virtual-network/associate-public-ip-address-vm>

NEW QUESTION 84

- (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 86

- (Exam Topic 2)

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

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 89

- (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-Item File1.txt C:\Folder1\File1.txt You then build the container image. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Copy-Item is not supported. 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 94

- (Exam Topic 2)

You have Azure virtual machines deployed to three Azure regions. Each region contains a single virtual network that has four virtual machines on the same subnet. Each virtual machine runs an application named App1. App1 is accessible by using HTTPS. Currently, the virtual machines are inaccessible from the internet.

You need to use Azure Front Door to load balance requests for App1 across all the virtual machines. Which additional Azure service should you provision?

- A. a public Azure Load Balancer

- B. Azure Traffic Manager
- C. an internal Azure Load Balancer
- D. Azure Private Link

Answer: A

NEW QUESTION 97

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