Microsoft

Exam Questions AZ-303

Microsoft Azure Architect Technologies (beta)

NEW QUESTION 1
- (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 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 2)
Your network contains an on-premises Active Directory domain named contoso.com. The domain contains the users shown in the following table.

You plan to install Azure AD Connect and enable SSO.
You need to specify which user to use to enable SSO. The solution must use the principle of least privilege. Which user should you specify?

A. User4
B. User1
C. User3
D. User2

Answer: C

NEW QUESTION 4
- (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.

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 5
- (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 6
- (Exam Topic 2)
You have an Azure Resource Manager template for a virtual machine named Template1. Template1 has the following parameters section.

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:
Box 1: Yes
The Resource group is not specified.
Box 2: No
The default value for the operating system is Windows 2016 Datacenter.
Box 3: Yes
Location is no default value. References:
https://docs.microsoft.com/bs-latn-ba/azure/virtual-machines/windows/ps-template

NEW QUESTION 7
- (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.

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 8
- (Exam Topic 2)
You have 10 Azure virtual machines on a subnet named Subnet1. Subnet1 is on a virtual network named VNet1.
You plan to deploy a public Azure Standard Load Balancer named LB1 to the same Azure region as the 10 virtual machines.
You need to ensure that traffic from all the virtual machines to the internet flows through LB1. The solution must prevent the virtual machines from being accessible on the internet.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Add health probes to LB1.
B. Add the network interfaces of the virtual machines to the backend pool of LB1.
C. Add an inbound rule to LB1.
D. Add an outbound rule to LB1.
E. Associate a network security group (NSG) to Subnet1.
F. Associate a user-defined route to Subnet1.

Answer: ABD

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/load-balancer/tutorial-load-balancer-standard-manage-portal2

NEW QUESTION 9
- (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 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. Admin1 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 the Admin1 can create access reviews in contoso.com.
Solution: You purchase an Azure Directory Premium P2 license for contoso.com. 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 10
- (Exam Topic 2)
You have several Azure virtual machines on a virtual network named VNet1. You configure an Azure Storage account 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Never
Box 2: Never
After you configure firewall and virtual network settings for your storage account, select Allow trusted Microsoft services to access this storage account as an exception to enable Azure Backup service to access the network restricted storage account.

https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows https://azure.microsoft.com/en-us/blog/azure-backup-now-supports-storage-accounts-secured-with-azure-storage

NEW QUESTION 10
- (Exam Topic 2)
You network contains an Active Directory domain named adatum.com and an Azure Active Directory (Azure AD) tenant named adatum.onmicrosoft.com.
Adatum.com contains the user accounts in the following table.

Adatum.onmicrosoft.com contains the user accounts in the following table.

You need to implement Azure AD Connect. The solution must follow the principle of least privilege. Which user accounts should you use? 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: User5
In Express settings, the installation wizard asks for the following: AD DS Enterprise Administrator credentials
Azure AD Global Administrator credentials
The AD DS Enterprise Admin account is used to configure your on-premises Active Directory. These credentials are only used during the installation and are not used after the installation has completed. The Enterprise Admin, not the Domain Admin should make sure the permissions in Active Directory can be set in all domains. Box 2: UserA
Azure AD Global Admin credentials are only used during the installation and are not used after the installation has completed. It is used to create the Azure AD Connector account used for synchronizing changes to Azure AD. The account also enables sync as a feature in Azure AD.
References:
https://docs.microsoft.com/en-us/azure/active-directory/connect/active-directory-aadconnect-accounts-permissio

NEW QUESTION 12
- (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:

NEW QUESTION 14
- (Exam Topic 2)
You have an Azure subscription that contains the storage accounts 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:

NEW QUESTION 16
- (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.pragmaticworks.com/what-is-application-insights

NEW QUESTION 19
- (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.

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 22
- (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 tor 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 23
- (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 27
- (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 plan to create an Azure Storage account named storage! 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 31
- (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

NEW QUESTION 36
- (Exam Topic 2)
You have an Azure Active Directory (Azure AD) tenant linked to an Azure subscription. The tenant contains a group named Admins.
You need to prevent users, except for the members of Admins, from using the Azure portal and Azure PowerShell to access the subscription.
What should you do?

A. From Azure AD, configure the User settings.
B. From the Azure subscription, assign an Azure policy.
C. From Azure AD, create a conditional access policy.
D. From the Azure subscription, configure Access control (IAM).

Answer: D

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 paramete
C. Run the az aks update command and specify the attach-acr parameter.
D. Run the kubect1 apply command and specify the dry-run parameter.

Answer: B

NEW QUESTION 44
- (Exam Topic 2)
You have the Azure SQL Database servers shown in the following table.

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 46
- (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 49
- (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 54
- (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 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 but the root directory is specified as '/' and not as 'C:/'.
References:
https://docs.docker.com/develop/develop-images/dockerfile_best_practices/#add-or-copy https://docs.docker.com/engine/reference/builder/

NEW QUESTION 58
- (Exam Topic 2)
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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 63
- (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 66
- (Exam Topic 2)
You have an Azure logic app named App1 and an Azure Service Bus queue named Queue1.
You need to ensure that App1 can read messages from Queue1. App1 must authenticate by using Azure Active Directory (Azure AD).
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:
On App1: Turn on the managed identity
To use Service Bus with managed identities, you need to assign the identity the role and the appropriate scope. The procedure in this section uses a simple application that runs under a managed identity and accesses Service Bus resources.
Once the application is created, follow these steps:
 Go to Settings and select Identity.
 Select the Status to be On.
 Select Save to save the setting.
On Queue1: Configure Access Control (IAM)
Azure Active Directory (Azure AD) authorizes access rights to secured resources through role-based access control (RBAC). Azure Service Bus defines a set of built-in RBAC roles that encompass common sets of permissions used to access Service Bus entities and you can also define custom roles for accessing the data.
Assign RBAC roles using the Azure portal
In the Azure portal, navigate to your Service Bus namespace. Select Access Control (IAM) on the left menu to display access control settings for the namespace. If you need to create a Service Bus namespace.
Select the Role assignments tab to see the list of role assignments. Select the Add button on the toolbar and then select Add role assignment.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/authenticate-application https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-managed-service-identity

NEW QUESTION 68
- (Exam Topic 2)
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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 72
- (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 73
- (Exam Topic 2)
You have an Azure subscription that contains a resource group named RG1. RG1 contains multiple resources. You need to trigger an alert when the resources in RG1 consume $1,000 USD.
What should you do?

A. From Cost Management + Billing, add a cloud connector.
B. From the subscription, create an event subscription.
C. From Cost Management + Billing create a budget.
D. From RG1, create an event subscription.

Answer: C

Explanation:
Create budgets to manage costs and create alerts that automatically notify you are your stakeholders of spending anomalies and overspending.
To set it up, go to the Azure Portal, select 'Cost Management + Billing' -> 'Cost Management' -> 'Go to Cost Management'.

Note: Cost alerts are automatically generated based when Azure resources are consumed. Alerts show all active cost management and billing alerts together in one place. When your consumption reaches a given threshold, alerts are generated by Cost Management. There are three types of cost alerts: budget alerts, credit alerts, and department spending quota alerts.
Reference:
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/getting-started

NEW QUESTION 76
- (Exam Topic 2)
You have an application named App1 that does not support Azure Active Directory (Azure AD) authentication.
You need to ensure that App1 can send messages to an Azure Service Bus queue. The solution must prevent Appl from listening to the queue.
What should you do?

A. Modify the locks of the Queue
B. Configure Access control (IAM) for the Service Bus
C. Configure Access control (IAM) for the queue.
D. Add a shared access policy to the queue

Answer: D

Explanation:
There are two ways to authenticate and authorize access to Azure Service Bus resources: Azure Activity Directory (Azure AD) and Shared Access Signatures (SAS).
Each Service Bus namespace and each Service Bus entity has a Shared Access Authorization policy made up of rules.
Reference:
https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-authentication-and-authorization https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-sas

NEW QUESTION 78
- (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 80
- (Exam Topic 2)
You have an Azure Active Directory (Azure AD) tenant.
You need to create a conditional access policy that requires all users to use multi-factor authentication when they access the Azure portal.
Which three settings should you configure? To answer, select the appropriate settings to the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-policies

NEW QUESTION 84
- (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 88
- (Exam Topic 2)
Your company has an Azure Container Registry named Registry1.
You have an Azure virtual machine named Server1 that runs Windows Server 2019. From Server1, you create a container image named image1.
You need to add image1 to Registry1.
Which command should you run on Server1? 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:
An Azure container registry stores and manages private Docker container images, similar to the way Docker Hub stores public Docker images. You can use the Docker command-line interface (Docker CLI) for login, push, pull, and other operations on your container registry.
Reference:
https://docs.microsoft.com/en-us/azure/container-registry/container-registry-get-started-docker-cli https://docs.docker.com/engine/reference/commandline/push/

NEW QUESTION 92
- (Exam Topic 2)
You have an Azure Active Directory (Azure AD) tenant that contains the user groups shown in the following table.

You enable self-service password reset (SSPR) for Group1.
You configure the Notifications settings as shown in the following exhibit.

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

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 95
- (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 100
- (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 103
- (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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 106
- (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 109
- (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.
XCOPY 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. Furthermore, the root directory is specified as '/' and not as 'C:/'.
References:
https://docs.docker.com/develop/develop-images/dockerfile_best-practices/#add-or-copy https://docs.docker.com/engine/reference/builder/

NEW QUESTION 113
- (Exam Topic 2)
You have an Azure Resource Manager template named Template1 in the library 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/template-syntax

NEW QUESTION 114
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