

Answer Area

First job: User subscription and low-priority virtual machines

Second job: Batch service and dedicated virtual machines

Explanation:

QUESTION 236

HOTSPOT

Your company has 20 web APIs that were developed in-house.

The company is developing 10 web apps that will use the web APIs. The web apps and the APIs are registered in the company's Azure AD tenant. The web APIs are published by using Azure API Management.

You need to recommend a solution to block unauthorized requests originating from the web apps from reaching the web APIs. The solution must meet the following requirements:

Use Azure AD-generated claims.

Minimize configuration and management effort

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

a. NOTE: Each correct selection is worth one point.

NOTE: Each correct selection is worth one point.

Answer Area

Grant permissions to allow the web apps to access the web APIs by using:

Azure AD

Azure AD

Azure API Management

The web APIs

Configure a JSON Web Token (JWT) validation policy by using:

Azure API Management

Azure AD

Azure API Management

The web APIs

Answer:

Answer Area

Grant permissions to allow the web apps to access the web APIs by using: Azure AD

Configure a JSON Web Token (JWT) validation policy by using: Azure API Management

Explanation:

QUESTION 237

You have an Azure AD tenant.

You plan to deploy Azure Cosmos DB databases that will use the SQL API.

You need to recommend a solution to provide specific Azure AD user accounts with read access to the Cosmos DB databases.

What should you include in the recommendation?

- A. a resource token and an Access control (IAM) role assignment
- B. certificates and Azure Key Vault
- C. master keys and Azure Information Protection policies
- D. shared access signatures (SAS) and Conditional Access policies

Answer: A

Explanation:

QUESTION 238

HOTSPOT

You have several Azure App Service web apps that use Azure Key Vault to store data encryption keys.

Several departments have the following requests to support the web app:

Department	Request
Security	<ul style="list-style-type: none">Review the membership of administrative roles and require users to provide a justification for continued membership.Get alerts about changes in administrator assignments.See a history of administrator activation, including which changes administrators made to Azure resources.
Development	<ul style="list-style-type: none">Enable the applications to access Key Vault and retrieve keys for use in code.

Which service should you recommend for each department's request? To answer, configure the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Security: Azure AD Privileged Identity Management
Azure AD Privileged Identity Management
; Azure Managed Identity
Azure AD Connect
; Azure AD Identity Protection

Development: Azure Managed Identity
Azure AD Privileged Identity Management
Azure Managed Identity
Azure AD Connect
Azure AD Identity Protection

Quality Assurance: Azure AD Privileged Identity Management
Azure AD Privileged Identity Management
Azure Managed Identity
Azure AD Connect
Azure AD Identity Protection

Answer:

Answer Area

Security: Azure AD Privileged Identity Management

Development: Azure Managed Identity

Quality Assurance: Azure AD Privileged Identity Management

Explanation:

QUESTION 239

You have an Azure Functions microservice app named App1 that is hosted in the Consumption plan.

App1 uses an Azure Queue Storage trigger.

You plan to migrate App1 to an Azure Kubernetes Service (AKS) cluster.

You need to prepare the AKS cluster to support App1. The solution must meet the following requirements:

Use the same scaling mechanism as the current deployment.

Support kubenet and Azure Container Networking Interface (CNI) networking.

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

Each correct answer is worth one point.

- A. Configure the horizontal pod autoscaler.
- B. Install Virtual Kubelet.
- C. Configure the AKS cluster autoscaler.
- D. Configure the virtual node add-on.
- D. Install Kubernetes-based Event Driven Autoscaling (KEDA).

Answer: A, D

Explanation:

QUESTION 240

You plan to migrate on-premises MySQL databases to Azure Database for MySQL Flexible Server.

You need to recommend a solution for the Azure Database for MySQL Flexible Server configuration.

The solution must meet the following requirements:

The databases must be accessible if a datacenter fails.

Costs must be minimized.

Which compute tier should you recommend?

- A. Burstable
- B. General Purpose
- C. Memory Optimized

Answer: C

Explanation:

QUESTION 241

You have an app named App1 that uses an on-premises Microsoft SQL Server database named DB1.

You plan to migrate DB1 to an Azure SQL managed instance.

You need to enable customer-managed Transparent Data Encryption (TDE) for the instance. The solution must maximize encryption strength.

Which type of encryption algorithm and key length should you use for the TDE protector?

- A. AES256
- B. RSA4096
- C. RSA2048
- D. RSA3072

Answer: D

Explanation:

QUESTION 242**HOTSPOT**

You have an Azure subscription named Sub1 that is linked to an Azure AD tenant named contoso.com.

You plan to implement two ASP.NET Core apps named App1 and App2 that will be deployed to 100 virtual machines in Sub1. Users will sign in to App1 and App2 by using their contoso.com credentials.

App1 requires read permissions to access the calendar of the signed-in user. App2 requires write permissions to access the calendar of the signed-in user.

You need to recommend an authentication and authorization solution for the apps. The solution must meet the following requirements:


Use the principle of least privilege.

Minimize administrative effort


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.

Answer Area

Authentication: 


- Application registration in Azure AD
- A system-assigned managed identity
- A user-assigned managed identity

Authorization: 

- Application permissions
- Azure role-based access control (Azure RBAC)
- Delegated permissions

Answer:

Answer Area

Authentication: 

Authorization: 

Explanation:

QUESTION 243

You are designing an app that will use Azure Cosmos DB to collate sales data from multiple countries.

You need to recommend an API for the app. The solution must meet the following requirements:

Support SQL queries.

Support geo-replication.

Store and access data relationally.

Which API should you recommend?

- A. PostgreSQL
- B. NoSQL
- C. Apache Cassandra
- D. MongoDB

Answer: A

Explanation:

QUESTION 244**HOTSPOT**

You have an Azure AD tenant that contains a management group named MG1. You have the Azure subscriptions shown in the following table.

Name	Management group
Sub1	MG1
Sub2	MG1
Sub3	Tenant Root Group

The subscriptions contain the resource groups shown in the following table.

Name	Subscription
RG1	Sub1
RG2	Sub2
RG3	Sub3

The subscription contains the Azure AD security groups shown in the following table.

Name	Member of
Group1	Group3
Group2	Group3
Group3	None

The subscription contains the user accounts shown in the following table.

Name	Member of
User1	Group1
User2	Group2
User3	Group1, Group2

You perform the following actions:

Assign User3 the Contributor role for Sub1.
Assign Group1 the Virtual Machine Contributor role for MG1.
Assign Group3 the Contributor role for the Tenant Root Group.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
User1 can create a new virtual machine in RG1.	<input type="radio"/>	<input type="radio"/>
User2 can grant permissions to Group2.	<input type="radio"/>	<input type="radio"/>
User3 can create a storage account in RG2.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Statements	Yes	No
User1 can create a new virtual machine in RG1.	<input checked="" type="radio"/>	<input type="radio"/>
User2 can grant permissions to Group2.	<input type="radio"/>	<input checked="" type="radio"/>
User3 can create a storage account in RG2.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

QUESTION 245

HOTSPOT

You are designing an app that will be hosted on Azure virtual machines that run Ubuntu. The app will use a third-party email service to send email messages to users. The third-party email service requires that the app authenticate by using an API key.

You need to recommend an Azure Key Vault solution for storing and accessing the API key. The solution must minimize administrative effort.

What should you recommend using to store and access the key? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Storage: ▼
Certificate
Key
Secret

Access: ▼
An API token
A managed service identity (MSI)
A service principal

Answer:

Answer Area

Storage: ▼

Access: ▼

Explanation:

QUESTION 246

Your company deploys several virtual machines on-premises and to Azure. ExpressRoute is deployed and configured for on-premises to Azure connectivity.

Several virtual machines exhibit network connectivity issues.

You need to analyze the network traffic to identify whether packets are being allowed or denied from the Azure virtual machines to the on-premises virtual machines.

Solution: Use Azure Advisor.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

QUESTION 247

Your company plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend using an Azure policy to enforce the location of resource groups.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

QUESTION 248

DRAG DROP

You have two app registrations named App1 and App2 in Azure AD. App1 supports role-based access control (RBAC) and includes a role named Writer.

You need to ensure that when App2 authenticates to access App1, the tokens issued by Azure AD include the Writer role claim.

Which blade should you use to modify each app registration? To answer, drag the appropriate blades to the correct app registrations. Each blade 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.