

Microsoft

Exam 70-535

Architecting Microsoft Azure Solutions

Version: 12.0

[Total Questions: 431]

Question No : 423 - (Topic 15)

You are designing a solution for a company to deploy software for testing and production.

The solutions must meet the following requirements:

- * Applications must be deployed to several different environments and must run without installation of dependencies.
- * Existing published applications must be ported to the new solution.
- * Application developers must be given flexibility when architecting their code.

You need to recommend a solution for hosting applications.

What should you select?

- A. Azure worker role
- B. Azure Batch
- C. Azure Container Service
- D. Azure Functions

Answer: C

Question No : 424 HOTSPOT - (Topic 15)

Your organization has developed and deployed several Azure App Service Web and API applications. The applications use Azure SQL Database to store and retrieve data. Several departments have the following requests to support the applications:

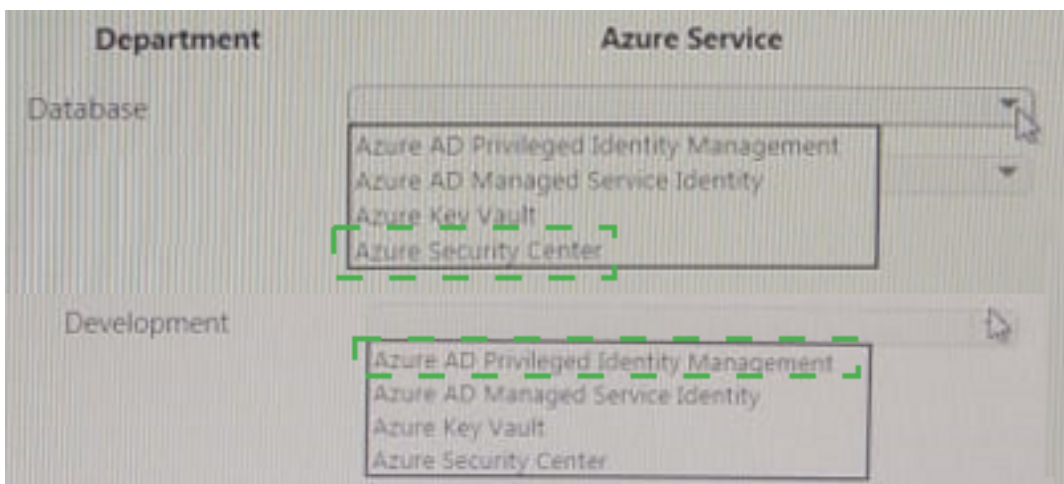
| Department | Request |
|-------------|---|
| Database | Store an asymmetric key to allow real-time I/O encryption and decryption of the Azure SQL Database data and log files. |
| Development | Enable the applications to retrieve x.509 certificates, stored in an Azure AD-protected resource, by using an access token. |
| Security | Protect Azure SQL Database connection strings and only allow access to the connection strings during the application runtime. |

You need to recommend the appropriate Azure service for each department request.

What should you recommend?



Answer:



Explanation:

Azure Security Center

Azure AD privileged identity Management

Topic 16, Topic 3, Tailspin Toys Case # 2 (New)

Background

TailSpin Toys is the world's largest manufacturer and distributor of children' toys. The company is planning to migrate the on-premises applications to Microsoft Azure.

Ecommerce Web Application

*Requires high scale and high memory utilization

- *Must run with secure network access due to payment information collection.
- *Must run in an environment that is dedicated to a single Azure subscription
- *Must be secured using an Azure Web Application Firewall (WAF)
- *Must support an interactive response capability to include natural language processing (NLP)
- *Users must verify payment on a mobile device by using a two step verification method to include Short Message Service (SMS)
- *Users must be notified on a mobile device when their product has been shipped.
- *Must send notifications to users based on customer, language, location, and customer segments by using a single API call.

Inventory API

The Windows Communication Foundation WCF service must remain on-premises. Requires a first-in-first out queue to support inventory processing.

Shipping API

Must use Simple Object Access Protocol (SOAP) to provide XML messaging.

API calls must enforce usage quotas and rate limits.

All API call metadata must be logged for analytics purposes.

Customer Database

The on-premises Microsoft SQL Server database must be migrated to Azure SQL Database.

Must secure customers personally identifiable information

Security

- *Must support end to end secure Sockets Layer SSL encryption of all network traffic.
- *Provisioning of Azure resources should be granted to an administrator on a temporary basis.
- *Must audit delegation of permissions to the administrator and send alerts when the administrator logs in.
- *All Azure resource configuration must be stored securely and allow for secret revocation.
- *Must secure API calls using transport level security (TLS)
- *User authentication must require a trusted device.
- *The Azure SQL Database must have a direct connection from the virtual network.
- *You must isolate network traffic from the internet to the Azure SQL Database.
- *All permissions granted to applications and services should follow the principle of the least privilege.

Deployment and Monitoring

- *Must use version-controlled Azure Resource Manager (ARM) templates to manage Azure resources.
- *Must enable and configure Azure Application Insights where available
- *Must send an email to administrator regarding Azure planned maintenance one week in advance.

Question No : 425 - (Topic 16)

You need to grant administrator access for the provisioning of Azure resources.

Solution: Assign the Contributor role to the resource group.

Does the solution meet the goal?

- A. YES
- B. NO

Answer: B

Question No : 426 - (Topic 16)

You need to correlate the usage and performance data collected by Azure Application Insights with configuration and performance data across the Azure resources that support the E-Commerce Web Application.

What should you do?

- A. Configure and enable the Azure Application Insight Profiler.
- B. Create an Azure Log Analytics workspace and enable the Azure Diagnostics extension.
- C. write a query by using Azure Log Analytics.
- D. Use the Azure portal to query the Azure activity logs.

Answer: A

Question No : 427 - (Topic 16)

You need to grant administrator access for the provisioning of Azure resources.

Solution: Enable and configure Azure Security Center.

Does the solution meet the goal?

- A. YES
- B. NO

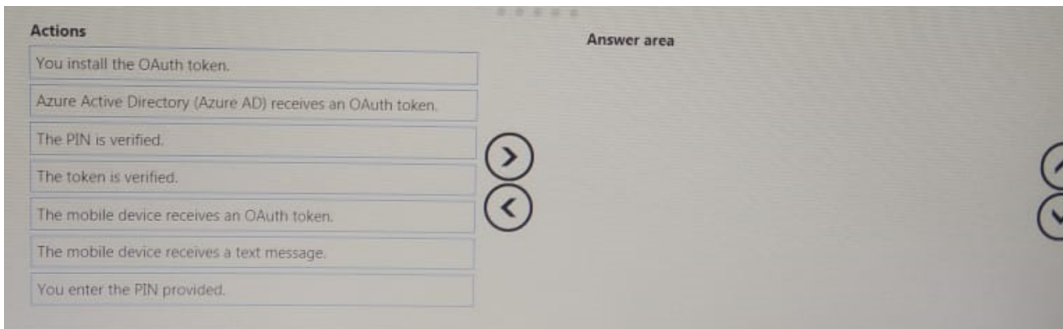
Answer: B

Question No : 428 DRAG DROP - (Topic 16)

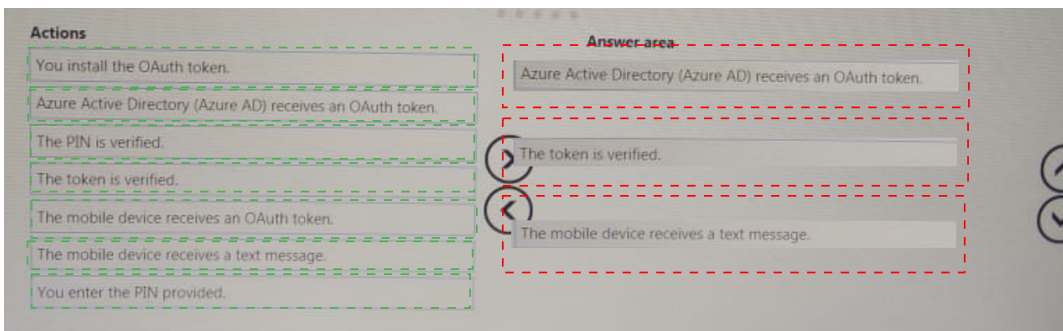
You place an order on the E-Commerce Web Application from a mobile device.

You need to verify the payment and complete the order process.

Which three actions should you perform in sequence?



Answer:



Question No : 429 - (Topic 16)

You need to grant administrator access for the provisioning of Azure resources.

Solution: Enable and configure Azure Active Directory (Azure AD) Privileged Identity Management.

Does the solution meet the goal?

- A. YES
- B. NO

Answer: A

Question No : 430 DRAG DROP - (Topic 16)

You need to provision Azure SQL Database with the server admin login.

Which five action should you perform in sequence?

Actions

- Enable key vault access to the Azure Resource Manager role for template deployment.
- Run PowerShell commands to include the Azure Resource Manager (ARM) template.
- Add the new user to the db_owner database role by using the ALTER ROLE statement.
- In the master database, create a user by using the CREATE USER statement.
- Create an Azure Key Vault.
- Using an administrator account, connect to the master database.
- Add a new user in the access policies of the key vault under context of the Azure Resource Manager (ARM) template deployment user.
- Add the server admin login and password in the key vault.

Answer area

Answer:

Actions

- Enable key vault access to the Azure Resource Manager role for template deployment.
- Run PowerShell commands to include the Azure Resource Manager (ARM) template.
- Add the new user to the db_owner database role by using the ALTER ROLE statement.
- In the master database, create a user by using the CREATE USER statement.
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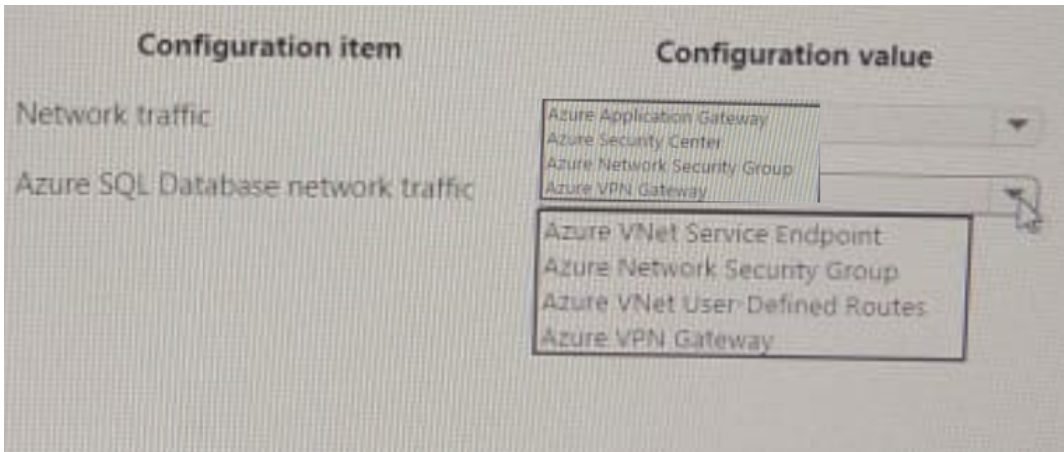
Answer area

- Add the new user to the db_owner database role by using the ALTER ROLE statement.
- In the master database, create a user by using the CREATE USER statement.
- Using an administrator account, connect to the master database.
- Run PowerShell commands to include the Azure Resource Manager (ARM) template.
- Enable key vault access to the Azure Resource Manager role for template deployment.

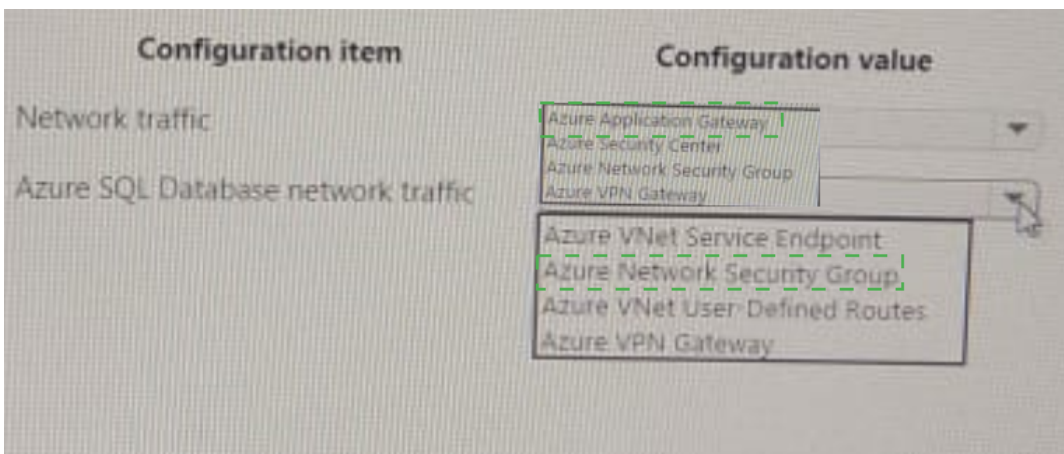
Question No : 431 HOTSPOT - (Topic 16)

You need to secure the network traffic and isolate the Azure SQL Database network traffic.

Which configuration should you use? To answer, select the appropriate options in the answer area.



Answer:



Explanation: Azure Application Gateway
Azure Network Security Group