AZ-301 Dumps

Microsoft Azure Architect Design

https://www.certleader.com/AZ-301-dumps.html

NEW QUESTION 1
- (Exam Topic 1)
You need to recommend a solution to meet the database retention requirement. What should you recommend?

A. Configure a long-term retention policy for the database.
B. Configure Azure Site Recovery.
C. Configure geo replication of the database.
D. Use automatic Azure SQL Database backups.

Answer: A

NEW QUESTION 2
- (Exam Topic 1)
You need to recommend a strategy for the web tier of WebApp1. The solution must minimize What should
you recommend?

A. Create a runbook that resizes virtual machines automatically to a smaller size outside of business hours.
B. Configure the Scale Up settings for a web app.
C. Deploy a virtual machine scale set that scales out on a 75 percent CPU threshold.
D. Configure the Scale Out settings for a web app.

Answer: D

NEW QUESTION 3
- (Exam Topic 2)
You store web access logs data in Azure Blob storage. You plan to generate monthly reports from the access logs.
You need to recommend an automated process to upload the data to Azure SQL Database every month. What should you include in the recommendation?

A. Microsoft SQL Server Migration Assistant (SSMA)
B. Azure Data Factory
C. Data Migration Assistant
D. AzCopy

Answer: C

NEW QUESTION 4
- (Exam Topic 2)
You deploy two instances of an Azure web app. One instance is in the East US Azure region and the other instance is in the West US Azure region. The web app uses Azure Blob storage to deliver large files to end users.
You need to recommend a solution for delivering the files to the users. The solution must meet the following requirements:
 Ensure that the users receive files from the same region as the web app that they access.
 Ensure that the files only need to be updated once.
 Minimize costs.
What should you include in the recommendation?

A. Azure File Sync
B. Distributed File System (DFS)
C. read-access geo-redundant storage (RA-GRS)
D. geo-redundant storage (GRS)

Answer: C

NEW QUESTION 5
- (Exam Topic 2)
Note: This question is part of series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have an Azure subscription that contains a resource group named RG1.
You create an Azure Active Directory (Azure AD) group named ResearchUsers that contains the user accounts of all researchers.
You need to recommend a solution that meets the following requirements:
 The researchers must be allowed to create Azure virtual machines.
 The researchers must only be able to create Azure virtual machines by using specific Azure Resource Manager templates.
Solution: Create an Azure DevOps Project. Configure the DevOps Project settings. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 6
- (Exam Topic 2)
Your company has two on-premises sites in New York and Los Angeles and Azure virtual networks in the East US Azure region and the West US Azure region.
Each on-premises site has Azure ExpressRoute circuits to both regions.
You need to recommend a solution that meets the following requirements:
 Outbound traffic to the Internet from workloads hosted on the virtual networks must be routed through the closest available on-premises site.
 If an on-premises site fails, traffic from the workloads on the virtual networks to the Internet must reroute automatically to the other site.

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.

Routing from the virtual networks to the on-premises locations must be configured by using:

▼
Azure default routes
Border Gateway Protocol (BGP)
User-defined routes

The automatic routing configuration following a failover must be handled by using:

▼
Border Gateway Protocol (BGP)
Hot Standby Routing Protocol (HSRP)
Virtual Router Redundancy Protocol (VRRP)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Routing from the virtual networks to the on-premises locations must be configured by using:

▼
Azure default routes
Border Gateway Protocol (BGP)
User-defined routes

The automatic routing configuration following a failover must be handled by using:

▼
Border Gateway Protocol (BGP)
Hot Standby Routing Protocol (HSRP)
Virtual Router Redundancy Protocol (VRRP)

NEW QUESTION 7
- (Exam Topic 2)
You are designing a network connectivity strategy for a new Azure subscription. You identify the following requirements
* The Azure virtual machines on a subnet named Subnet must be accessible only from me computers in your London office.
* Engineers -equ.re access to the Azure virtual machines on a subnet named Subnets over the Internet on a specific TCP/IP management port.
* The Azure virtual machines in the West Europe Azure region must be able to communkate on all ports to the Azure virtual machine in the North Europe Azure region.
You need to recommend which components must be used to meet me requirement
What should you include m the recommendation? To answer, drag me appropriate components .a the correct requirement. Each component may be used once, more than once.
not at all You may need to drag the split bar between panes or scroll to view content NOTE: Each correct selection is worm one point

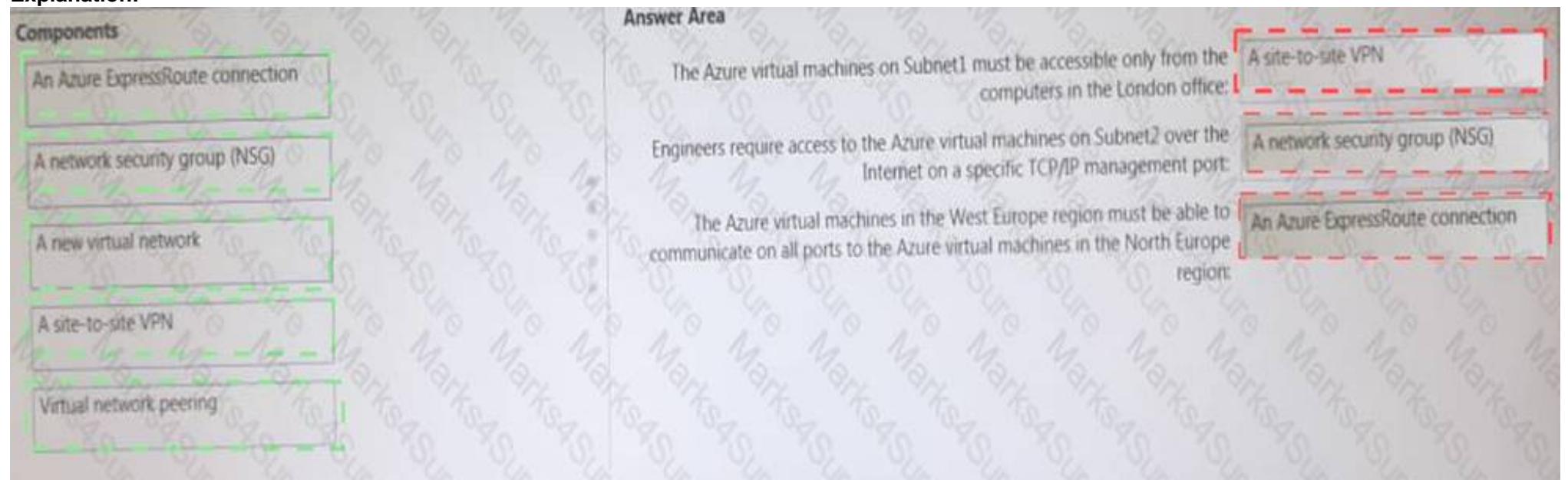| Components	Answer Area	
An Azure ExpressRoute connection	The Azure virtual machines on Subnet1 must be accessible only from the computers in the London office.	Component
A network security group (NSG)	Engineers require access to the Azure virtual machines on Subnet2 over the Internet on a specific TCP/IP management port.	Component
A new virtual network	The Azure virtual machines in the West Europe region must be able to communicate on all ports to the Azure virtual machines in the North Europe region.	Component
A site-to-site VPN		
Virtual network peering		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 8
- (Exam Topic 2)
You have an Azure subscription.
You need to recommend a solution to provide developers with the ability to provision Azure virtual machines. The solution must meet the following requirements:
 Only allow the creation of the virtual machines in specific regions.
 Only allow the creation of specific sizes of virtual machines.
What should include in the recommendation?

A. conditional access policies
B. Azure Policy
C. Azure Resource Manager templates
D. role-based access control (RBAC)

Answer: B

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 subscription named Project1. Only a group named Project1admins is assigned roles in the Project1 subscription. The Project1 subscription contains all the resources for an application named Application1.
Your company is developing a new application named Application2. The members of the Application2 development team belong to an Azure Active Directory (Azure AD) group named App2Dev.
You identify the following requirements for Application2:
 The members of App2Dev must be prevented from changing the role assignments in Azure.
 The members of App2Dev must be able to create new Azure resources required by Application2.
 All the required role assignments for Application2 will be performed by the members of
Project1admins.
You need to recommend a solution for the role assignments of Application2.
Solution: Create a new Azure subscription named Project2. Assign Project1admins the Owner role for the Project2 subscription. Assign App2Dev the Contributor role for the Project2 subscription.
Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 10
- (Exam Topic 2)
You are designing an Azure solution for a company that wants to move a .NET Core web application an on-premises data center to Azure. The web application relies on a Microsoft SQL Server 2016 database on Windows Server 2016. The database server will not move to Azure.
A separate networking team is responsible for configuring network permissions.
The company uses Azure ExpressRoute and has an ExpressRoute gateway connected to an Azure virtual network named VNET1.
You need to recommend a solution for deploying the web application.
Solution: Deploy the web application to a web app hosted in a Premium App Service plan. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 10
- (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 need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

• Provide access to the full .NET framework.
• Provide redundancy it an Azure legion fails.
• Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy a web app in an Isolated App Service plan. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 12
- (Exam Topic 2)
You deploy several Azure SQL Database instances.
You plan to configure the Diagnostics settings on the databases 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.

The amount of time that SQLInsights data will be stored in blob storage is [answer choice].

30 days
90 days
730 days
indefinite

The maximum amount of time that SQLInsights data can be stored in Azure Log Analytics is [answer choice].

30 days
90 days
730 days
indefinite

A. Mastered
B. Not Mastered

Answer: A

Explanation:
In the exhibit, the SQLInsights data is configured to be stored in Azure Log Analytics for 90 days. However, the question is asking for the "maximum" amount of time that the data can be stored which is 730 days.

NEW QUESTION 15
- (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 subscription named Project1. Only a group named Project1admins is assigned roles in the Project1 subscription. The Project1 subscription contains all the resources for an application named Application1.
Your company is developing a new application named Application2. The members of the Application2 development team belong to an Azure Active Directory (Azure AD) group named App2Dev.
You identify the following requirements for Application2:
 The members of App2Dev must be prevented from changing the role assignments in Azure.
 The members of App2Dev must be able to create new Azure resources required by Application2.
 All the required role assignments for Application2 will be performed by the members of
Project1admins.
You need to recommend a solution for the role assignments of Application2.
Solution: Create a new Azure subscription named Project2. Assign Project1admins the User Access Administrator role for the Project2 subscription. Assign App2Dev the Owner role for the Project2 subscription.
Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 18
- (Exam Topic 2)
You configure OAuth 2 authorization in API Management as shown in the exhibit.

Use the drop-domain 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:

NEW QUESTION 22
- (Exam Topic 2)
You need to recommend a solution lo generate a monthly report of all the new Azure Resource Manager resource deployment in your subscription What should you include in the recommend3tlon,

A. Azure Activity Log
B. Azure Monitor action groups
C. Azure Advisor
D. Azure Monitor metrics

Answer: B

NEW QUESTION 26
- (Exam Topic 2)
You plan to use Azure Site Recovery to protect several on-premises physical server workloads. Each server workload is independent of the other. The workloads are stateless.
You need to recommend a failover strategy to ensure that if the on-premises data center fails, the workloads are available in Azure as quickly as possible.
Which failover strategy should you include in the recommendation?

A. Latest
B. Latest app-consistent
C. Latest multi-VM processed
D. Latest processed

Answer: D

Explanation:
 References:
https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-failover

NEW QUESTION 27
- (Exam Topic 2)
You are developing a sales application that will contain several Azure cloud services and will handle different components of a transactions. Different cloud services will process customer orders, billing, payment, inventory, and shipping.
You need to recommend a solution to enable the cloud services to asynchronously communicate transaction information by using REST messages.
What would you include in the recommendation?

A. Traffic Manager
B. Azure Notification Hubs
C. Azure Blob storage
D. Azure Queue storage

Answer: D

NEW QUESTION 29
- (Exam Topic 2)
You have 100 Microsoft SQL Server Integration Services (SSISJ packages that are configuted to use 10 on-premrees SQ1 Server databases as their destinations.
You plan to migrate the 10 on-premises databases to Azure SQL Database. You need to recommend a solution to host the SS1S packages in Azure.
The solution must ensure that the packages can target the SQL Database instances as the* destinations. What should you include m the recommendation?

A. Azure Data Catalog
B. SQL Server Migration Assistant (SSMS)
C. Data Migration Assistant
D. Azure Data Factory

Answer: A

NEW QUESTION 31
- (Exam Topic 2)
Your company has an API that returns XML data to internal applications.
You plan to migrate the applications to Azure. You also plan to allow the company's partners to access the API.
You need to recommend an API management solution that meets the following requirements:
 Internal applications must receive data in the JSON format once the applications migrate to Azure.
 Partner applications must have their header information stripped before the applications receive the data. 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.

Minimum number of APIs to add to Azure API Management:

1
2
3

Minimum number of products to publish in Azure API Management:

1
2
3

Minimum number of policy elements to add:

1
2
3

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/exchange/plan-and-deploy/deploy-new-installations/delegate-installations?view

NEW QUESTION 35
- (Exam Topic 3)
You need to recommend a solution for the network configuration of the front-end tier of the payment processing.
What should you include in the recommendation?

A. Azure Application Gateway
B. Traffic Manager
C. a Standard Load Balancer
D. a Basic load Balancer

Answer: B

NEW QUESTION 36
- (Exam Topic 3)
You need to recommend a compute solution for the middle tier of the payment processing system. What should you include in the recommendation?

A. Azure Kubernetes Service (AKS)
B. virtual machine scale sets
C. availability sets
D. App Service Environments (ASEs)

Answer: B

NEW QUESTION 38
- (Exam Topic 3)
You need to recommend a backup solution for the data store of the payment processing. What should you include in the recommendation?
A Microsoft System Center Data Protection Manager (DPM)

A. long-term retention
B. a Recovery Services vault
C. Azure Backup Server

Answer: B

Explanation:

References:

https://docs.microsoft.com/en-us/azure/sql-database/sql-database-long-term-backup-retention-configure

NEW QUESTION 42
- (Exam Topic 3)
You need to recommend a solution for protecting the content of the back-end tier of the payment processing system.
What should you include in the recommendations?

A. Always Encrypted with deterministic encryption
B. Transparent Date Encryption (TDE)
C. Azure Storage Service Encryption
D. Always Encrypted with randomized encryption

Answer: A

NEW QUESTION 43
......

Thank You for Trying Our Product

* 100% Pass or Money Back

    All our products come with a 90-day Money Back Guarantee.

* One year free update

    You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

    We currently serve more than 30,000,000 customers.

* Shop Securely

    All transactions are protected by VeriSign!

100% Pass Your AZ-301 Exam with Our Prep Materials Via below:

https://www.certleader.com/AZ-301-dumps.html