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Vendor:Microsoft

Exam Code:AZ-300

Exam Name:Microsoft Azure Architect Technologies

Version:Demo

QUESTION 1

You configure Azure AD Connect for Azure Active Directory Seamless Single Sign-On (Azure AD Seamless SSO) for an on-premises network.

Users report that when they attempt to access myapps.microsoft.com, they are prompted multiple times to sign in and are forced to use an account name that ends with onmicrosoft.com.

You discover that there is a UPN mismatch between Azure AD and the on-premises Active Directory.

You need to ensure that the users can use single-sign on (SSO) to access Azure resources.

What should you do first?

- A. From on-premises network, deploy Active Directory Federation Services (AD FS).
- B. From Azure AD, add and verify a custom domain name.
- C. From on-premises network, request a new certificate that contains the Active Directory domain name.
- D. From the server that runs Azure AD Connect, modify the filtering options.

Correct Answer: B

QUESTION 2

You are designing an Azure solution.

The solution must meet the following requirements:

Distribute traffic to different pools of dedicated virtual machines (VMs) based on rules

Provide SSL offloading capabilities

You need to recommend a solution to distribute network traffic.

Which technology should you recommend?

- A. server-level firewall rules
- B. Azure Application Gateway
- C. Azure Traffic Manager
- D. Azure Load Balancer

Correct Answer: B

If you require "SSL offloading", application layer treatment, or wish to delegate certificate management to Azure, you should use Azure's layer 7 load balancer Application Gateway instead of the Load Balancer. Incorrect Answers:

D: Because Load Balancer is agnostic to the TCP payload and TLS offload ("SSL") is not provided. References: <https://docs.microsoft.com/en-us/azure/application-gateway/overview>

QUESTION 3

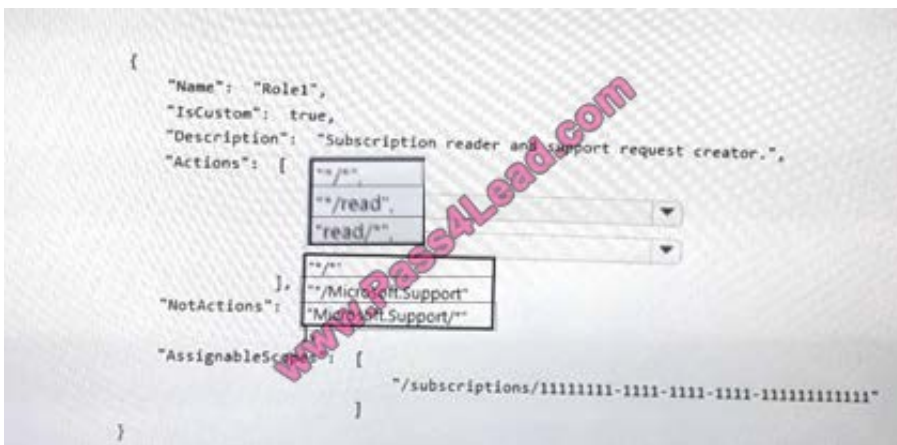
You plan to create a new Azure Active Directory (Azure AD) role.

You need to ensure that the new role can view all the resources in the Azure subscription and issue support requests to Microsoft. The solution must use the principle of least privilege.

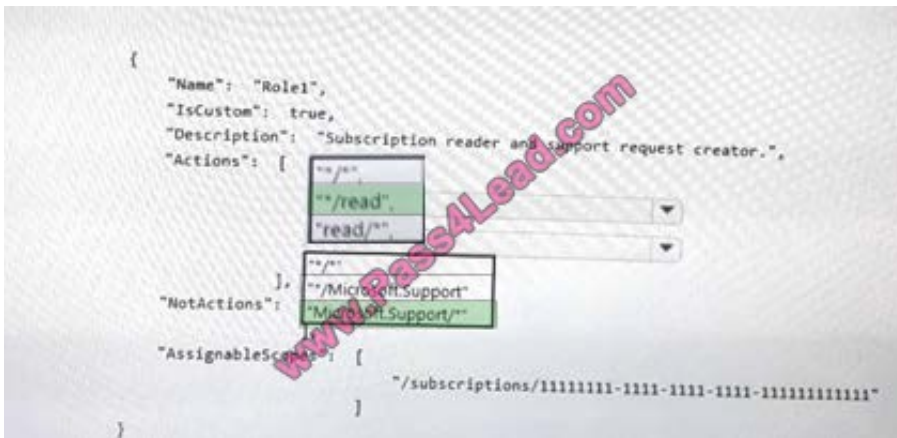
How should you complete the JSON definition? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



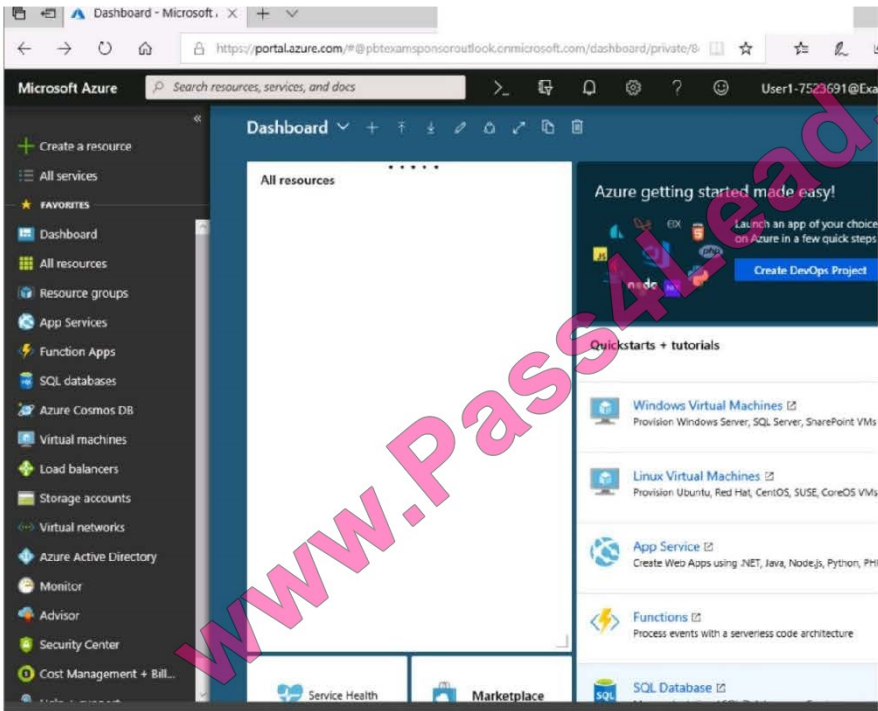
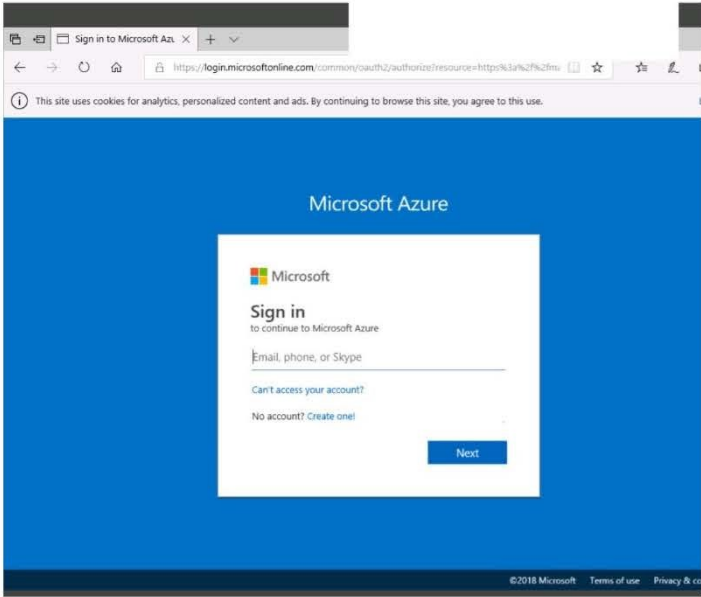
Correct Answer:



QUESTION 4

SIMULATION

Click to expand each objective. To connect to the Azure portal, type <https://portal.azure.com> in the browser address bar.



Create storage account

✓ Validation passed

Basics **Advanced** Tags Review + create

BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdata7523690
Location	East US
Storage account name	corpdata7523690n1
Deployment model	Resource manager
Account kind	StorageV2 (general purpose v2)
Replication	Read-access geo-redundant storage (RA-GRS)
Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Create

Previous

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Create storage account

*** Submitting deployment...

Submitting the deployment template for resource 'corpdata7523690'.

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BASICS

Subscription	Microsoft AZ-100 5
Resource group	corpdata7523690
Location	East US
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Performance	Standard
Access tier (default)	Hot

ADVANCED

Secure transfer required	Enabled
Hierarchical namespace	Disabled

Microsoft.StorageAccount-20181011170335 - Overview

Deployment

Search (Ctrl+/)

Delete Cancel Redeploy Refresh

Overview

Outputs

Inputs

Template

*** Your deployment is underway

Check the status of your deployment, manage resources, or troubleshoot deployment issues. Pin this page to your dashboard to easily find it next time.



Deployment name: Microsoft.StorageAccount-20181011170335
Subscription: Microsoft AZ-100 5
Resource group: corpdata7523690


DEPLOYMENT DETAILS (Download)

Start time: 10/11/2018 5:04:06 PM
Duration: 17 seconds
Correlation ID: bd0806a4-d1bd-42db-be6b-55e0ec38f49b

RESOURCE	TYPE	STATUS	OPERATL...
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No results.

Create a virtual machine

 Validation failed. Required information is missing or not valid.

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When you are finished performing all the tasks, click the `Next` button.

Note that you cannot return to the lab once you click the `Next` button. Scoring occurs in the background while you complete the rest of the exam.

Overview

The following section of the exam is a lab. In this section, you will perform a set of tasks in a live environment. While most functionality will be available to you as it would be in a live environment, some functionality (e.g., copy and paste, ability to navigate to external websites) will not be possible by design.

Scoring is based on the outcome of performing the tasks stated in the lab. In other words, it doesn't matter how you accomplish the task, if you successfully perform it, you will earn credit for that task.

Labs are not timed separately, and this exam may have more than one lab that you must complete. You can use as much time as you would like to complete each lab. But, you should manage your time appropriately to ensure that you are

able to complete the lab(s) and all other sections of the exam in the time provided.

Please note that once you submit your work by clicking the Next button within a lab, you will NOT be able to return to the lab.

To start the lab

You may start the lab by clicking the Next button.

You plan to create 100 Azure virtual machines on each of the following three virtual networks:

-VNET1005a

-VNET1005b

-VNET1005c All the network traffic between the three virtual networks will be routed through VNET1005a. You need to create the virtual networks, and then to ensure that all the Azure virtual machines can connect to other virtual machines by using their private IP address. The solutions must NOT require any virtual gateways and must minimize

the number of peerings.

What should you do from the Azure portal before you configuring IP routing?

Correct Answer:

QUESTION 5

You need to meet the scaling requirements for Policy Service. What should you store in Azure Redis Cache?

- A. ViewState
- B. HttpContext.tems
- C. Session state
- D. TempData

Correct Answer: C

QUESTION 6

You have an Azure Service Bus.

You need to implement a Service Bus queue that guarantees first-in-first-out (FIFO) delivery of messages.

What should you do?

- A. Enable partitioning
- B. Enable duplicate detection
- C. Set the Lock Duration setting to 10 seconds
- D. Enable sessions
- E. Set the Max Size setting of the queue to 5 GB

Correct Answer: D

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queuescompared-contrasted>

QUESTION 7

You have an Azure Service Bus.

You need to implement a Service Bus queue that guarantees first-in-first-out (FIFO) delivery of messages.

What should you do?

- A. Enable partitioning
- B. Enable duplicate detection
- C. Set the Lock Duration setting to 10 seconds
- D. Enable sessions
- E. Set the Max Size setting of the queue to 5 GB

Correct Answer: D

References: <https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compared-contrasted>

QUESTION 8

You are the global administrator for an Azure Active Directory (Azure AD) tenant named adatum.com.

You need to enable two-step verification for Azure users.

What should you do?

- A. Create an Azure AD conditional access policy.
- B. Configure a playbook in Azure Security Center.
- C. Enable Azure AD Privileged Identity Management.
- D. Install an MFA Server.

Correct Answer: A

References: <https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted>

QUESTION 9

You plan to migrate an on-premises Hyper-V environment to Azure by using Azure Site Recovery. The Hyper-V environment is managed by using Microsoft System Center Virtual Machine Manager (VMM).

The Hyper-V environment contains the virtual machines in the following table:

Name	Operating system (OS)	OS disk size	BitLocker Drive Encryption (BitLocker) enabled on OS disks.	Generation
DC1	Windows Server 2016	500 GB	No	2
FS1	Ubuntu 16.04 LTS	200 GB	No	2
CA1	Windows Server 2012 R2	1 TB	Yes	1
SQL1	Windows Server 2016	200 GB	No	1

Which virtual machine can be migrated by using Azure Site Recovery?

- A. FS1
- B. CA1
- C. DC1
- D. SQL1

Correct Answer: D

References: <https://docs.microsoft.com/en-us/azure/site-recovery/hyper-v-azure-support-matrix#azure-vm-requirements>

QUESTION 10

You are developing a .NET Core on –premises application that updates multiple Azure SQL Database instances. The application must log all update commands attempted to a separate Azure SQL Database instance named AuditDb. You define an outer Transaction Scope with a loop enumerate and run the SQL commands on each customer database connection and an inner Transaction Scope to record all transactions attempted within the outer Transaction Scope to the AuditDb database

You need to develop a method to perform the updates to the databases. The solution must meet the following requirements.

- All rows written to the AuditDb database must be committed even if the outer transaction fails.
- If an error occurs writing to the AuditDb database, the outer transaction must be rolled back.
- If an error occurs writing to the Customer databases, only the outer transaction must be rolled back.
- Values for TransactionScopeOption must be specified for the customer databases.
- Values for TransactionScopeOption must be specified for the AuditDb database.

Which Transaction Scope Option values should you use?

- A. Required for Customer Tran Scope Option and Required for Audit Tran Scope Option
- B. Requires New for Customer Tran Scope Option and Suppress for Audit Tran Scope Option
- C. Suppress for Customer Tran Scope Option and Suppress for Audit Tran Scope Option
- D. Requires New for the Customer Tran Scope Option and Requires New for the Audit Tran Scope Option

Correct Answer: A

QUESTION 11

You have an Azure Active Directory (Azure AD) domain that contains 5,000 user accounts. You create a new user account named AdminUser1.

You need to assign the User administrator administrative role to AdminUser1.

What should you do from the user account properties?

- A. From the Directory role blade, modify the directory role
- B. From the Licenses blade, assign a new license
- C. From the Groups blade, invite the user account to a new group

Correct Answer: A

Assign a role to a user

1.

Sign in to the Azure portal with an account that's a global admin or privileged role admin for the directory.

2.

Select Azure Active Directory, select Users, and then select a specific user from the list.

3.

For the selected user, select Directory role, select Add role, and then pick the appropriate admin roles from the Directory roles list, such as Conditional access administrator.

4.

Press Select to save.

References: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-users-assign-role-azure-portal>

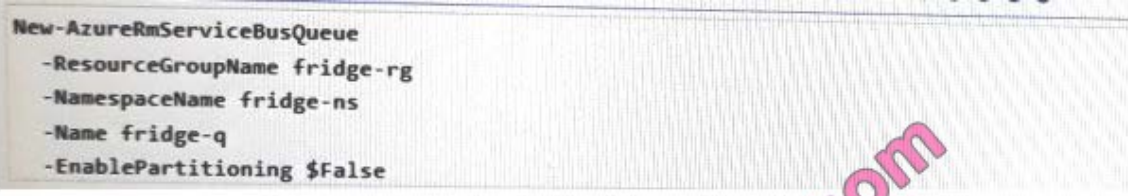


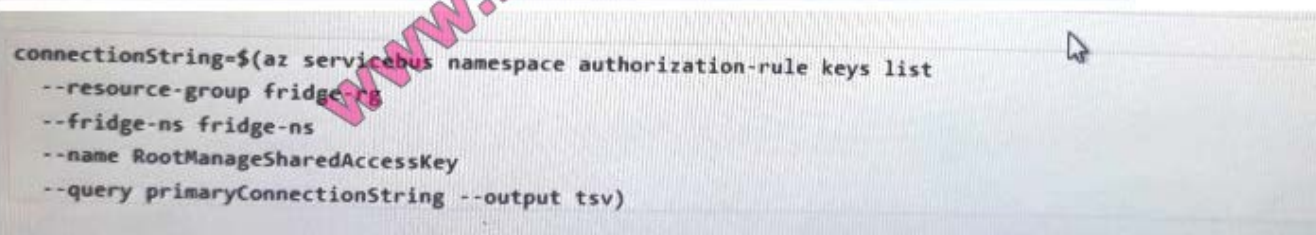
QUESTION 12

A company is developing a solution that allows smart refrigerators to send temperature information to a central location.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CU or PowerShell command should you run?

- A. 
- B. 
- C. 
- D. 

A. B. C. D.

Correct Answer: D

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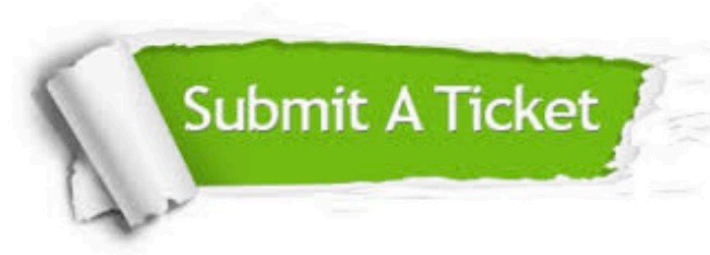
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