

## 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.

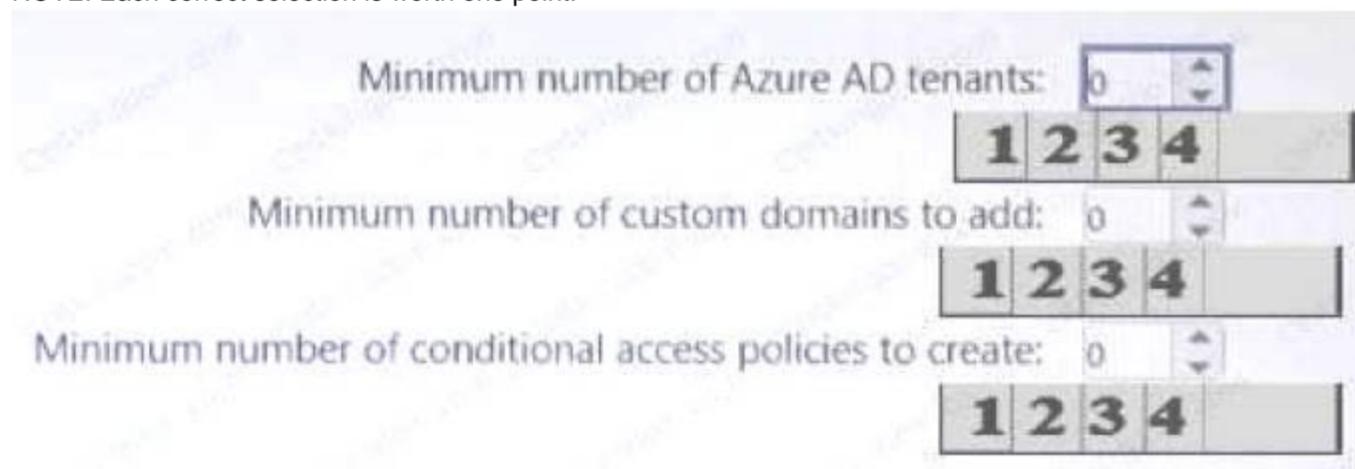
**Answer:** A

**NEW QUESTION 2**

- (Exam Topic 1)

To meet the authentication requirements of Fabrikam, what should you include in the solution? To answer, select the appropriate options in the answer area.

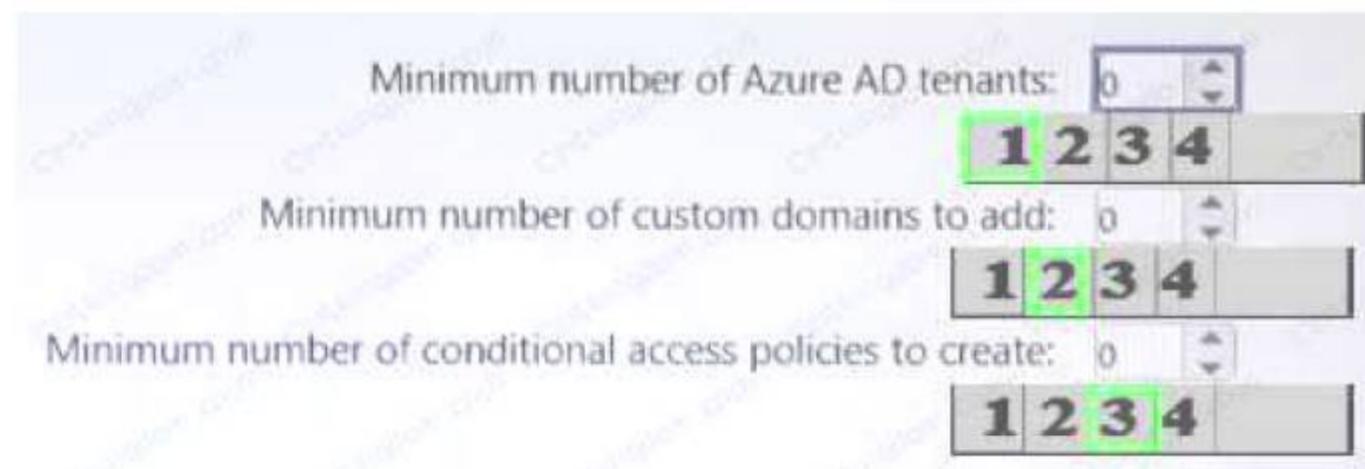
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 3**

- (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 4**

- (Exam Topic 2)

You have 100 servers that run Windows Server 2012 R2 and host Microsoft SQL Server 2012 R2 instances. The instances host databases that have the following characteristics:

The largest database is currently 3 TB. None of the databases will ever exceed 4 TB.

Stored procedures are implemented by using CLR.

You plan to move all the data from SQL Server to Azure.

You need to recommend an Azure service to host the databases. The solution must meet the following requirements:

Whenever possible, minimize management overhead for the migrated databases.

Minimize the number of database changes required to facilitate the migration.

Ensure that users can authenticate by using their Active Directory credentials.  
What should you include in the recommendation?

- A. Azure SQL Database single databases
- B. Azure SQL Database Managed Instance
- C. Azure SQL Database elastic pools
- D. SQL Server 2016 on Azure virtual machines

**Answer: B**

**Explanation:**

References:  
<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance>

**NEW QUESTION 5**

- (Exam Topic 2)

You are designing an access policy for the sales department at your company.

Occasionally, the developers at the company must stop, start, and restart Azure virtual machines. The development team changes often.

You need to recommend a solution to provide the developers with the required access to the virtual machines. The solution must meet the following requirements:

Provide permissions only when needed.

Use the principle of least privilege.

Minimize costs.

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.

Azure Active Directory (Azure ID)  
license:

Free	<input type="checkbox"/>
Basic	<input type="checkbox"/>
Premium P1	<input type="checkbox"/>
Premium P2	<input type="checkbox"/>

Security feature:

Just in time VM access	<input type="checkbox"/>
A conditional access policy	<input type="checkbox"/>
Privileged Identity Management for the Azure resources	<input type="checkbox"/>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Azure Active Directory (Azure ID)  
license:

Free	<input type="checkbox"/>
Basic	<input type="checkbox"/>
Premium P1	<input checked="" type="checkbox"/>
Premium P2	<input checked="" type="checkbox"/>

Security feature:

Just in time VM access	<input type="checkbox"/>
A conditional access policy	<input checked="" type="checkbox"/>
Privileged Identity Management for the Azure resources	<input checked="" type="checkbox"/>

**NEW QUESTION 6**

- (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: Solution: Deploy the web application by using an Azure Kubernetes Service (AKS) container on VNET1

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 7**

- (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 if an Azure region fails.
- Grant administrators access to the operating system to install custom application dependencies. Solution: You deploy an Azure virtual machine to two Azure regions, and you create a Traffic Manager profile.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**NEW QUESTION 8**

- (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 9**

- (Exam Topic 2)

You are designing a software as a service (SaaS) application that will enable Azure Active Directory (Azure AD) users to create and publish surveys. The SaaS application will have a front-end web app and a back-end web API. The web app will rely on the web API to handle updates to customer surveys.

You need to design an authorization flow for the SaaS application. The solution must meet the following requirements:

To access the back-end web API, the web app must authenticate by using OAuth 2 bearer tokens.

The web app must authenticate by using the identities of individual users.

What should you include in the solution? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

The access tokens will be generated by:

<input type="checkbox"/> Azure AD <input type="checkbox"/> A web app <input type="checkbox"/> A web API
---

Authorization decisions will be performed by:

<input type="checkbox"/> Azure AD <input type="checkbox"/> A web app <input type="checkbox"/> A web API
---

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

<https://docs.microsoft.com/lb-lu/azure/architecture/multitenant-identity/web-api> <https://docs.microsoft.com/en-us/azure/active-directory/develop/quickstart-v1-dotnet-webapi>

**NEW QUESTION 10**

- (Exam Topic 2)

You are designing a virtual machine that will run Microsoft SQL Server and will contain two data disks. The first data disk will store log files, and the second data disk will store data. Both disks are P40 managed disks.

You need to recommend a caching policy for each disk. The policy must provide the best overall performance for the virtual machine.

Which caching policy should you recommend for each disk? To answer, drag the appropriate policies to the correct disks. Each policy 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.

Policies	Answer Area
None	Log: Policy
ReadOnly	
ReadWrite	Data: Policy

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

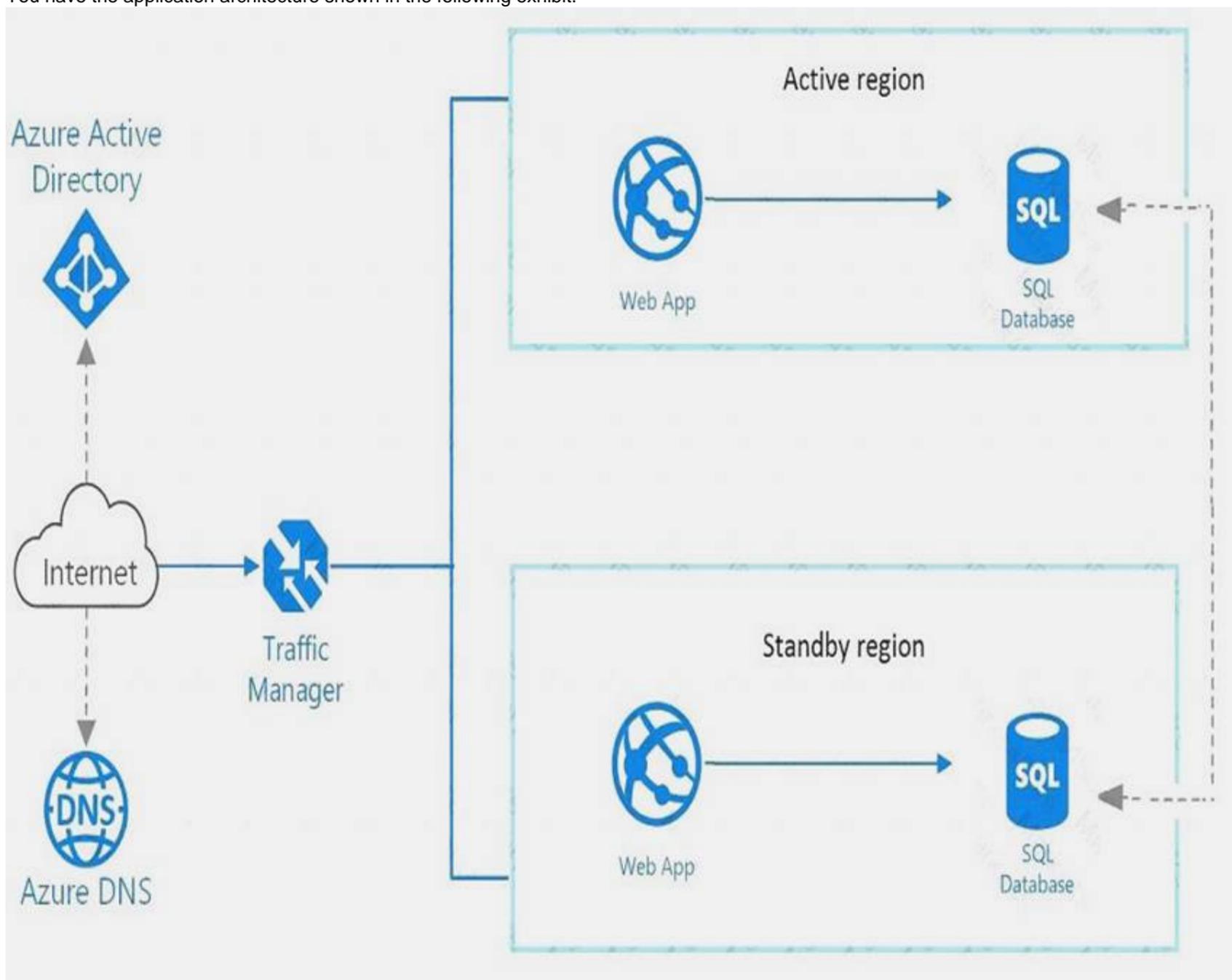
References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sql/virtual-machines-windows-sql-performan>

**NEW QUESTION 10**

- (Exam Topic 2)

You have the application architecture shown in the following exhibit.



Use the drop-down menus to select choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

To change the front end to an active/active architecture in which both regions process incoming connections, you must [answer choice].

- add a load balancer to each region
- add an Azure Application Gateway to each region
- add an Azure content delivery network (CDN)
- modify the Traffic Manager routing method

To control the threshold for failing over the front end to the standby region, you must configure the [answer choice].

- an Application Insights availability test
- Azure SQL Database failover groups
- Connection Monitor in Azure Network Watcher
- Endpoint monitor settings in Traffic Manager

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-routing-methods> <https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-monitoring>

**NEW QUESTION 14**

- (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 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 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 18**

- (Exam Topic 2)

You manage a single-domain, on-premises Active Directory for named contoso.com. The forest functional level is window Server 2016.

You have several on-premises applications that depend on Active Directory. You plan to migrate the applications to Azure.

You need to recommend an identity solution for the appkcatkms. The solution must meet the following requirements:

- Eliminate the need for hybrid network connectivity
- Minimize management overhead for Active Directory. What should you recommend?

- A. In Azure, deploy additional domain controllers for the contoso.com domain
- B. In Azure, deploy an additional child domain to the contoso.com forest.

- C. Implement Azure Active Directory Domain Services (Azure AD DS).
- D. Implement a new Acuve Directory forest in Azure.

**Answer:** A

**NEW QUESTION 20**

- (Exam Topic 2)

Your company has 300 virtual machines hosted in a VMWare environment. The virtual machines vary in size and have various utilization levels.

You plan to move all the virtual machines to Azure.

You need to recommend how many and what size Azure virtual machines will be required to move the current workloads to Azure. The solution must minimize administrative effort.

What should you use to make the recommendation?

- A. Azure Cost Management
- B. Azure Migrate
- C. Azure pricing calculator
- D. Azure Advisor recommendations

**Answer:** A

**NEW QUESTION 21**

- (Exam Topic 2)

You have five .NET Core applications that run on 10 Azure virtual machines in the same subscription.

You need to recommend a solution to ensure that the applications can authenticate by using the same Azure Active Directory (Azure AD) identity. The solution must meet the following requirements:

Ensure that the applications can authenticate only when running on the 10 virtual machines.

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.

To provision the Azure AD identity:

▼
Create a system-assigned Managed Service Identity
Create a user-assigned Managed Service Identity
Register each application in Azure AD

To authenticate request a token by using:

▼
An Azure AD v1.0 endpoint
An Azure AD v2.0 endpoint
An Azure Instance Metadata Service Identity
OAuth2 endpoint

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

To provision the Azure AD identity:

▼
Create a system-assigned Managed Service Identity
Create a user-assigned Managed Service Identity
Register each application in Azure AD

To authenticate request a token by using:

▼
An Azure AD v1.0 endpoint
An Azure AD v2.0 endpoint
An Azure Instance Metadata Service Identity
OAuth2 endpoint

**NEW QUESTION 24**

- (Exam Topic 2)

You are designing a solution for a stateless front-end application named Application1. Application1 will be hosted on two Azure virtual machines named VM1 and

VM2.

You plan to load balance connections to VM1 and VM2 from the Internet by using one Azure load balancer. You need to recommend the minimum number of required public IP addresses.

How many public IP addresses should you recommend using for each resource? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Load balancer:

	▼
0	
1	
2	
3	

VM1:

	▼
0	
1	
2	
3	

VM2:

	▼
0	
1	
2	
3	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Load balancer:

	▼
0	
1	
2	
3	

VM1:

	▼
0	
1	
2	
3	

VM2:

	▼
0	
1	
2	
3	

**NEW QUESTION 27**

- (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 30**

- (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 33**

- (Exam Topic 2)  
You plan to import data from your on-premises environment into Azure. The data is shown in the following table.

On-premises source	Azure target
A Microsoft SQL Server 2012 database	An Azure SQL database
A table in a Microsoft SQL Server 2008 database	An Azure Cosmos account that uses the SQL API

What should you recommend using to migrate the data? To answer, drag the appropriate tools to the correct data sources. Each tool 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.

### Tools

- AzCopy
- Azure Cosmos DB Data Migration Tool
- Data Management Gateway
- Data Migration Assistant

### Answer Area

⏪  
⏩

From the SQL Server 2012 database:

From the table in the SQL Server 2008 database:

Tool

Tool

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:  
<https://docs.microsoft.com/en-us/azure/dms/tutorial-sql-server-to-azure-sql> <https://docs.microsoft.com/en-us/azure/cosmos-db/import-data>

**NEW QUESTION 38**

- (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: In Project1, create a resource group named Application2RG. Assign Project1admins the Owner role for Application2RG. Assign App2Dev the Contributor role for Application2RG.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 43**

- (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 if an Azure region 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

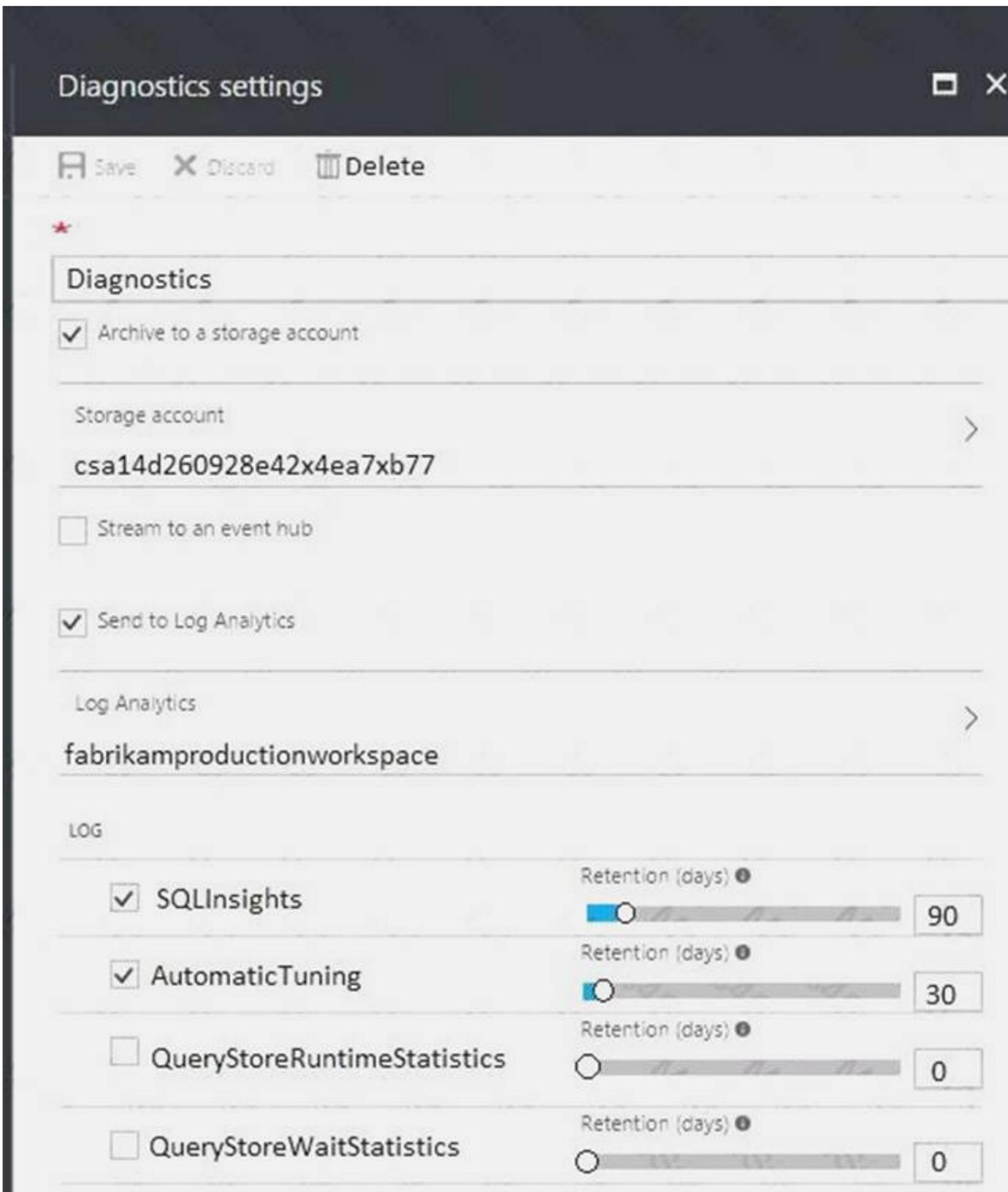
**Answer: A**

**NEW QUESTION 46**

- (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 51**

- (Exam Topic 2)

You have an on-premises Active Directory forest and an Azure Active Directory (Azure AD) tenant. All Azure AD users are assigned a Premium P1 license. You deploy Azure AD Connect.

Which two features are available in this environment that can reduce operational overhead for your company’s help desk? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure AD Privileged Identity Management policies
- B. access reviews
- C. self-service password reset
- D. Microsoft Cloud App Security Conditional Access App Control
- E. password writeback

**Answer:** CE

**NEW QUESTION 54**

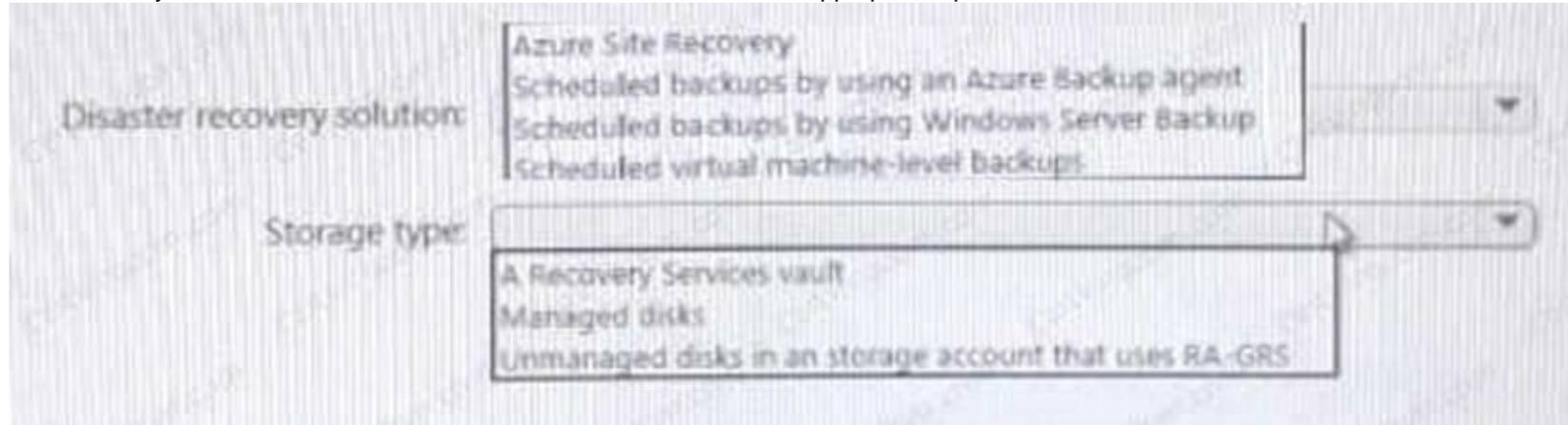
- (Exam Topic 2)

You have 20 Azure virtual machines that run windows Server 2016 based on a custom virtual machine image. Each virtual machine an instance of a VSS-capable app that was developed in-house. Each instance is accessed by public endpoint . Each instance separate database. The average database size is 200 GB.

You need to design a disaster recovery solution for individual instances.

- Provide a recovery objective time object (RTO] of six hours.
- Provide a recovery point objective (RPO) at eight hours.
- Support recovery to a different Azure region.
- Support VSS- based backups.
- Minimize VSS-based backups.

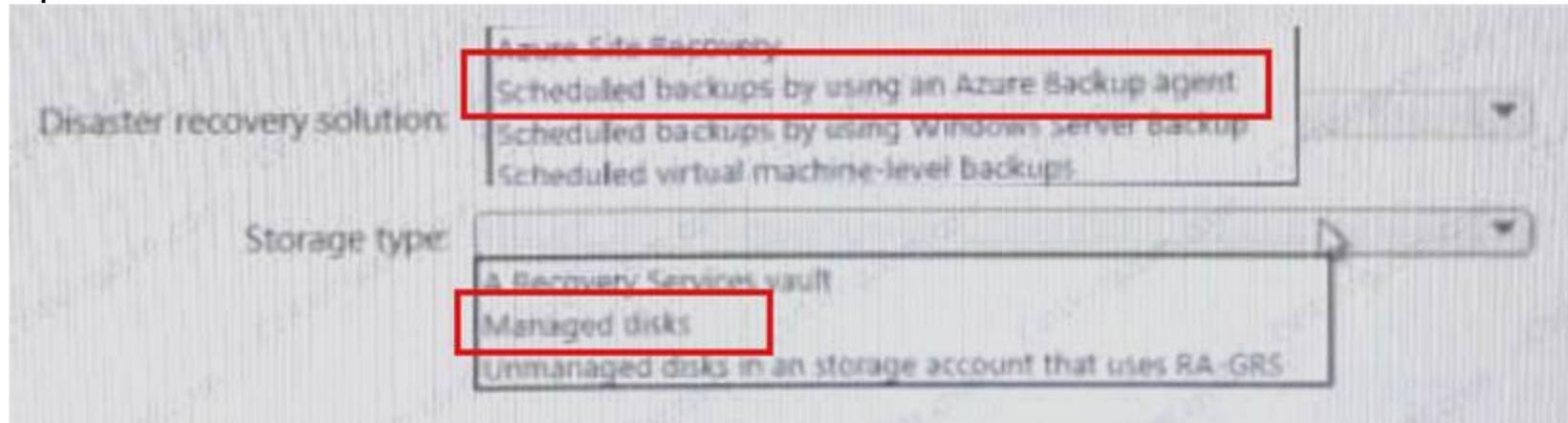
What should you include in the recommendation? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 57**

- (Exam Topic 2)

You configure OAuth 2 authorization in API Management as shown in the exhibit.

**Add OAuth2 service**  
Add management service

\* Display name  
Choose name used to reference this authorization client on the p...

\* URI

Description  
Authorization client description

\* Client registration page URL  
<https://contoso.com/register>

**Authorization grant types**

Authorization code

Implicit

Resource owner password

Client credentials

\* Authorization endpoint URL  
<https://login.microsoftonline.com/contoso.onmicrosoft.com/a...>

Support state parameter

**Authorization request method**

GET

POST

\* Token endpoint URL

Use the drop-down 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 selected authorization grant type is for [answer choice].

To enable custom data in the grant flow, select [answer choice].

Background services  
Headless device authentication  
Single page applications  
Web applications

Client credentials  
Implicit  
Resource owner password  
Support state parameter

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The selected authorization grant type is for [answer choice].

To enable custom data in the grant flow, select [answer choice].

Background services  
**Headless device authentication**  
Single page applications  
Web applications

**Client credentials**  
Implicit  
Resource owner password  
Support state parameter

**NEW QUESTION 60**

- (Exam Topic 2)

You are planning an Azure solution that will host production database for a high-performance application. The solution will include the following components:

Two virtual machines that will run Microsoft SQL Server 2016, will be deployed to different data centers in the same Azure region, and will be part of an Always On availability group.

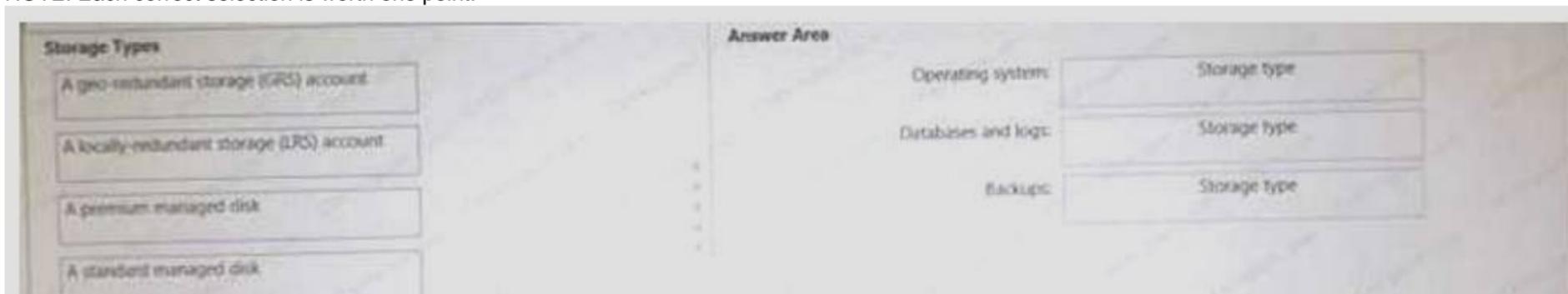
SQL server data that will be backed up by using the Automated Backup feature of the SQL Server IaaS Agent Extension (SQLIaaSExtension)

You identify the storage priorities for various data type as shown in the following table.

Data type	Storage priority
Operating system	Speed and availability
Databases and logs	Speed and availability
Backups	Lowest cost

Which storage type should you recommend for each data type? To answer, drag the appropriate storage types to the correct data types. Each storage type 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.

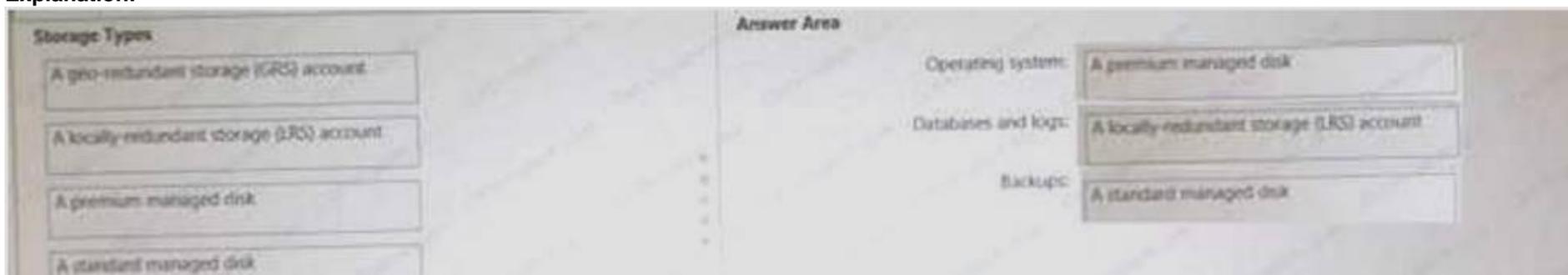
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



**NEW QUESTION 64**

- (Exam Topic 2)

You plan to move a web application named App1 from an on-premises data center to Azure. App1 depends on a custom framework that is installed on the host server.

You need to recommend a solution to host App1 in Azure. The solution must meet the following requirements:

App1 must be available to users if an Azure data center becomes unavailable.

Costs must be minimized.

What should you include in the recommendation?

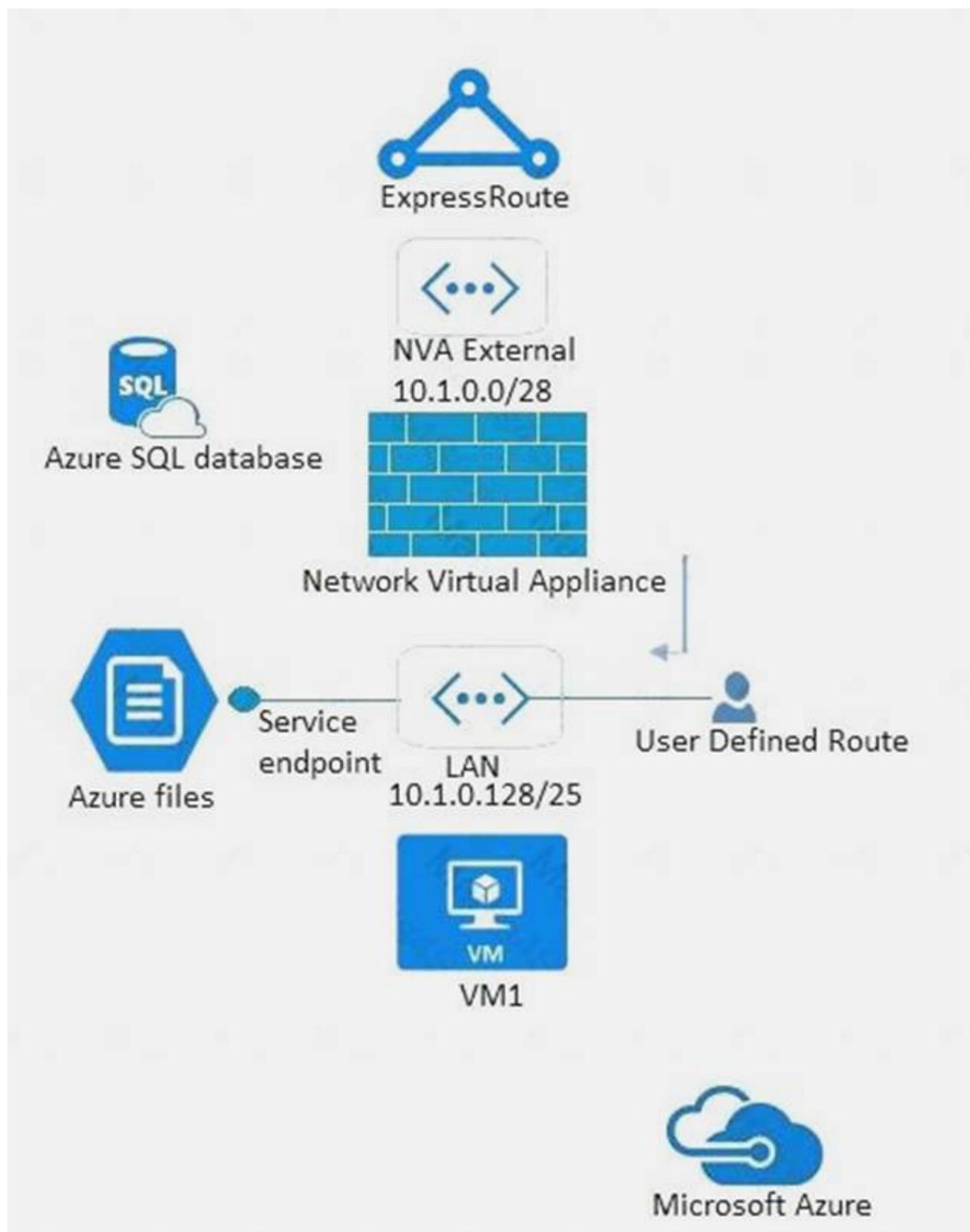
- A. In two Azure regions, deploy a Traffic Manager profile and a web app.
- B. In two Azure regions, deploy a load balancer and a virtual machine scale set.
- C. Deploy a load balancer and a virtual machine scale set across two availability zones.
- D. In two Azure regions, deploy a load balancer and a web app.

**Answer: A**

**NEW QUESTION 65**

- (Exam Topic 2)

You have the network topology shown in the following exhibit.



You have a user-defined route that has a default route of 0.0.0.0/0 and the next hop set to the network virtual appliance. You configure the Azure Storage account to use virtual network service endpoints. For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
From VM1, traffic destined to the Azure Key Management Service will be routed to the network virtual appliance.	<input type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure file share will be routed to the Internet.	<input type="radio"/>	<input type="radio"/>
From VM1, traffic destined to the Azure SQL database will be routed to the Internet.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

**NEW QUESTION 69**

- (Exam Topic 2)

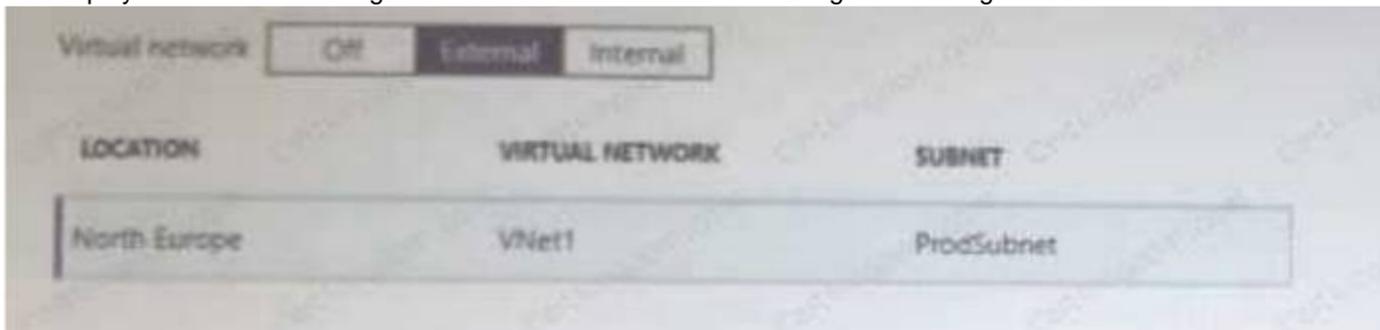
Your company develops a web service that is deployed to at, Azure virtual machine named VM1 the web service allows an API to access real- time data from VM1

The current virtual machine deployment is shown in the Deployment exhibit. (Click the Deployment tab).



The chief technology officer (CTO) sends you the following email message: "Our developers have deployed the web service to a virtual machine named WL. Testing has shown that the API is accessible from VM1 and VM2. Our partners must be able to connect to the API over the Internet. Partners will use this data in applications that they develop."

You deploy an Azure API Management service. The relevant API Management configuration is shown in the API exhibit. (Click the API tab).



For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
The API is available to partners over the Internet.	<input type="radio"/>	<input type="radio"/>
The gateway can access real-time data from VM1.	<input type="radio"/>	<input type="radio"/>
A VPN gateway is required for partner access.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
The API is available to partners over the Internet.	<input type="radio"/>	<input checked="" type="radio"/>
The gateway can access real-time data from VM1.	<input type="radio"/>	<input checked="" type="radio"/>
A VPN gateway is required for partner access.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 74**

- (Exam Topic 2)

You plan to deploy an API by using Azure API Management.

You need to recommend a solution to protect the API from a distributed denial of service (DDoS) attack. What should you recommend?

- A. Create network security groups (NSG)
- B. Enable rate limiting
- C. Strip the Power-By response header
- D. Enable quotas.

Answer: A

**NEW QUESTION 77**

- (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 81**

- (Exam Topic 2)

You have an Azure subscription that contains a custom application named Application1. Application1 was developed by an external company named Fabric, Ltd. Developers at Fabrikam were assigned role-based access control (RBAC) permissions to the Application1 components. All users are licensed for the Microsoft 365 E5 plan. You need to recommend a solution to verify whether the Fabric developers still require permissions to Application1. The solution must meet the following requirements.

\* To the manager of the developers, send a monthly email message that lists the access permissions to Application1.

\* If the manager does not verify access permission, automatically revoke that permission.

\* Minimize development effort. What should you recommend?

- A. Create an Azure Automation runbook that runs the Get-AzureADUSAppRoleAssignment cmdlet.
- B. In Azure Active Directory (Azure AD) create an access review of Application1.
- C. In Azure Active Directory (AD) privileged identity managed, create a custom roles assignment for the Application1 resources.
- D. Create an Azure Automation runbook that runs the get-AzureRmRolesAssigned cmdlet.

**Answer: A**

**NEW QUESTION 86**

- (Exam Topic 2)

You have 100 Microsoft SQL Server Integration Services (SSIS) packages that are configured to use 10 on-premises SQL 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 SSIS packages in Azure.

The solution must ensure that the packages can target the SQL Database instances as the destinations. What should you include in the recommendation?

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

**Answer: A**

**NEW QUESTION 88**

- (Exam Topic 2)

Your company has three branch offices and an Azure subscription. Each branch office contains a Hyper-V host that hosts application servers.

You need to recommend a storage solution for the branch offices. The solution must ensure that the application servers can connect to a central storage device by using iSCSI connections. Data saved to the iSCSI storage device from the application servers must be uploaded to Azure automatically.

Which components should you include in the recommendation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Branch office Hyper-V hosts:

▼
Azure File Sync agent
Azure Site Recovery agent
Azure StorSimple Virtual Array
Distributed File System Replication

Azure subscription:

▼
Azure file share
Azure File Sync
Azure Site Recovery vault
Azure Storage account

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/storsimple/storsimple-ova-overview>

**NEW QUESTION 91**

- (Exam Topic 2)

You have 100 Standard F2vs-v2 Azure virtual machines. Each virtual machine has two network adapters. You need to increase the network performance of the workloads running on the virtual machine. The solution must meet the following requirements.

- \*The CPU-to-memory ratio must remain the same.
- \*The solution must minimize costs. What should you do?

- A. Enable SRIOV
- B. Enable ROMA over InfiniBand
- C. Install an additional network adapter.
- D. Configure NIC teaming.

**Answer:** A

**NEW QUESTION 94**

- (Exam Topic 2)

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 Active Directory (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. NOTE: Each correct selection is worth one point.

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

<input type="checkbox"/>	Azure AD
<input type="checkbox"/>	Azure API Management
<input type="checkbox"/>	The web APIs

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

<input type="checkbox"/>	Azure AD
<input type="checkbox"/>	Azure API Management
<input type="checkbox"/>	The web APIs

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

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

<input checked="" type="checkbox"/>	Azure AD
<input checked="" type="checkbox"/>	Azure API Management
<input type="checkbox"/>	The web APIs

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

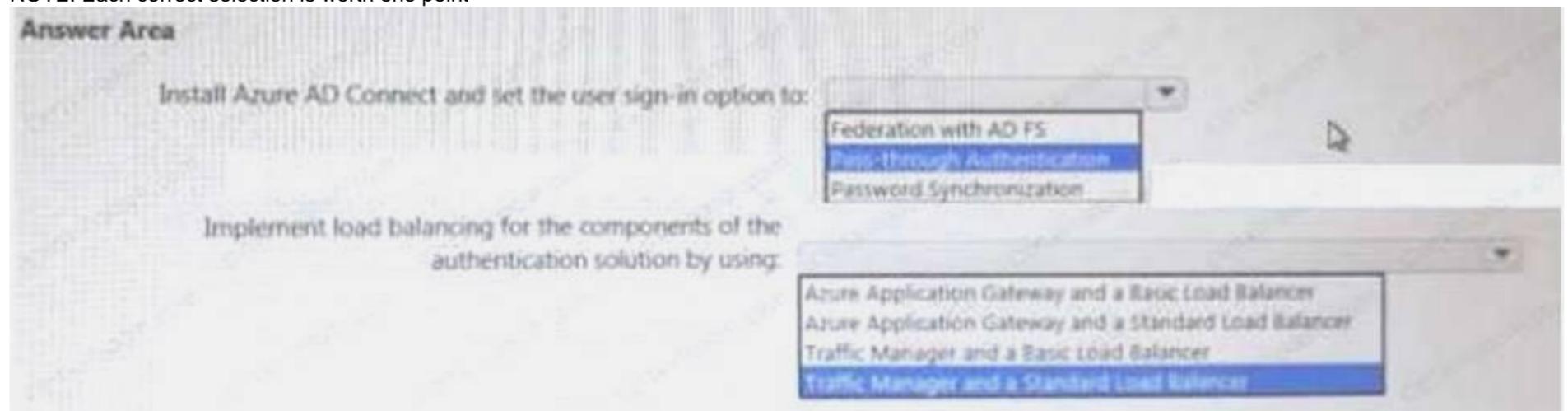
<input checked="" type="checkbox"/>	Azure AD
<input checked="" type="checkbox"/>	Azure API Management
<input type="checkbox"/>	The web APIs

**NEW QUESTION 98**

- (Exam Topic 3)

You need to recommend a solution for the user at Contoso to authenticate to the cloud-based sources and the Azure AD-integrated application. What should you include in the recommendation? To answer, select the appropriate options in the answer area.

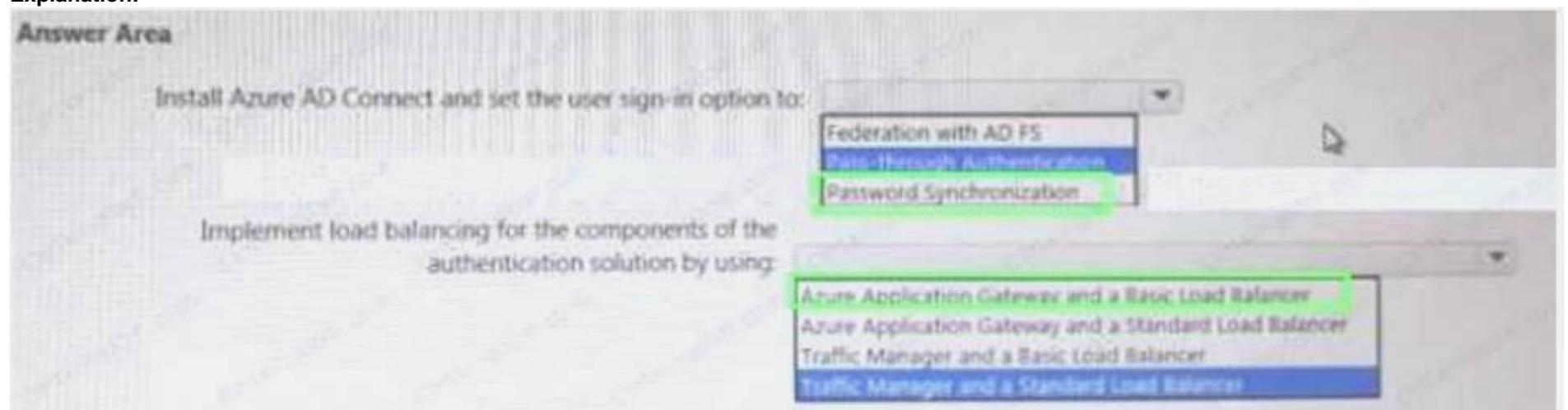
NOTE: Each correct selection is worth one point



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 100**

- (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 105**

- (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 107**

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