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- A. Azure App Service Web Apps
- B. Azure App Service Isolated
- C. Azure Redis Cache
- D. Azure Content Delivery Network (CDN)

**Correct Answer: D**

**Explanation:**

Azure Content Delivery Network (CDN) is a global CDN solution for delivering high-bandwidth content. It can be hosted in Azure or any other location. With Azure CDN, you can cache static objects loaded from Azure Blob storage, a web application, or any publicly accessible web server, by using the closest point of presence (POP) server. Azure CDN can also accelerate dynamic content, which cannot be cached, by leveraging various network and routing optimizations.

**References:**

<https://docs.microsoft.com/en-in/azure/cdn/>

### **QUESTION 70**

Your network contains an Active Directory domain named contoso.com that is federated to an Azure Active Directory (Azure AD) tenant. The on-premises domain contains a VPN server named Server1 that runs Windows Server 2016.

You have a single on-premises location that uses an address space of 172.16.0.0/16.

You need to implement two-factor authentication for users who establish VPN connections to Server1.

What should you include in the implementation?

- A. In Azure AD, create a conditional access policy and a trusted named location
- B. Install and configure Azure MFA Server on-premises
- C. Configure an Active Directory Federation Services (AD FS) server on-premises
- D. In Azure AD, configure the authentication methods. From the multi-factor authentication (MFA) service settings, create a trusted IP range

**Correct Answer: B**

**Explanation:**

You need to download, install and configure the MFA Server.

**References:**

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfaserver-deploy>

### **QUESTION 71**

You have a web app named App1 that is hosted on-premises and on four Azure virtual machines. Each virtual machine is in a different region.

You need to recommend a solution to ensure that users will always connect to the closest instance of App1.

The solution must prevent the users from attempting to connect to a failed instance of App1.

Which two possible recommendations achieve the goal? Each correct answer presents a complete solution.

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NOTE: Each correct selection is worth one point.

- A. Azure Front Door Service
- B. Azure Load Balancer
- C. round-robin DNS
- D. Azure Traffic Manager
- E. Azure Application Gateway

**Correct Answer:** AD

### **QUESTION 72**

You have an on-premises deployment of MongoDB.

You plan to migrate MongoDB to an Azure Cosmos DB account that uses the MongoDB API.

You need to recommend a solution for migrating MongoDB to Azure Cosmos DB.

What should you include in the recommendation?

- A. mongorestore
- B. Data Migration Assistant
- C. Azure Storage Explorer
- D. Azure Cosmos DB Data Migration Tool

**Correct Answer:** A

**Explanation:**

<https://docs.microsoft.com/en-us/azure/cosmos-db/mongodb-migrate>

### **QUESTION 73**

DRAG DROP

You have standard Load balancer configured to support three virtual machines on the same subnet.

You need to recommend a solution to notify administrators when the load balancer fails.

Which metrics should you recommend using to test the load balancer? To answer, drag the appropriate metrics to the correct conditions. Each metric 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.

NOT: Each correct selection is worth one point.

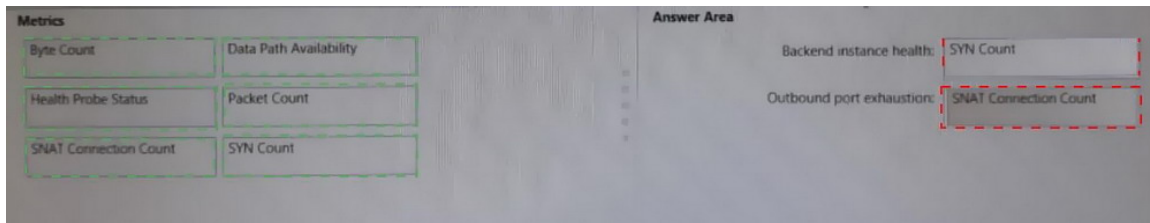
The screenshot shows the Azure portal interface for configuring metrics for a Load Balancer. On the left, the 'Metrics' pane contains six metric boxes: 'Byte Count', 'Health Probe Status', 'SNAT Connection Count', 'Data Path Availability', 'Packet Count', and 'SYN Count'. On the right, the 'Answer Area' pane shows two conditions: 'Backend instance health:' and 'Outbound port exhaustion:', each with a 'Metric' dropdown menu.

**Correct Answer:**

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### QUESTION 74

You have an on-premises Hyper-V cluster. The cluster contains Hyper-V hosts that run Windows Server 2016 Datacenter. The hosts are licensed under a Microsoft Enterprise Agreement that has Software Assurance.

The Hyper-V cluster hosts 3 virtual machines that run Windows Server 2012 R2. Each virtual machine runs a different workload. The workloads have predictable consumption patterns.

You plan to replace the virtual machines with Azure virtual machines that run Windows Server 2016. The virtual machines will be sized according to the consumption pattern of each workload.

You need to recommend a solution to minimize the compute costs of the Azure virtual machines.

Which two recommendations should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Purchase Azure Reserved Virtual Machine Instances for the Azure virtual machines
- B. Create a virtual machine scale set that uses autoscaling
- C. Configure a spending limit in the Azure account center
- D. Create a lab in Azure DevTest Labs and place the Azure virtual machines in the lab
- E. Activate Azure Hybrid Benefit for the Azure virtual machines

**Correct Answer: AE**

### QUESTION 75

You are planning to deploy an application by using the Azure Kubernetes Services (AKS)> the application will need to have access to an encryption key that will be used to ... transmit files

What should you use to provide the encryption key AKS security?

- A. secrets
- B. Azure Storage Service Encryption
- C. a Kubernetes deployment YAML file
- D. ConfigMap

**Correct Answer: C**

### QUESTION 76

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The accounting department at your company migrates to new financial accounting software. The accounting department must keep file-based database backups for years for compliance purposes. It is unlikely that the backup will be used to recover data.

You need to move the backups to Azure. The solution must minimize costs.

Where should you store the backups?

- A. Azure SQL Database
- B. a Recovery Services vault
- C. Azure Blob storage that uses the archive tier
- D. Azure storage that uses the Cool tier

**Correct Answer: C**

### **QUESTION 77**

#### **HOTSPOT**

You plan to deploy logical Azure SQL Database servers to the East US Azure region and the West US Azure region. Each server will contain 20 databases. Each database will be accessed by a different user who resides in a different on-premises location. The databases will be configured to use active geo-replication.

You need to recommend a solution that meets the following requirements:

- Restricts user access to each database
- Restricts network access to each database based on each user's respective location
- Ensures that the databases remain accessible from client applications if the local Azure region fails

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.

Configure user access by using:

	▼
Azure PowerShell	
The REST API	
Transact-SQL	

Configure database-level firewall rules by using:

	▼
Azure PowerShell	
The REST API	
Transact-SQL	

**Correct Answer:**

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Configure user access by using:

Azure PowerShell

The REST API

Transact-SQL

Configure database-level firewall rules by using:

Azure PowerShell

The REST API

Transact-SQL

### QUESTION 78

#### DRAG DROP

A company named Contoso, Ltd. has an Azure Active Directory (Azure AD) tenant that uses the Basic license.

You plan to deploy two applications to Azure. The application has the requirements shown in the following table.

Application name	Requirement
Customer	Users must authenticate by using a personal Microsoft account and multi-factor authentication.
Reporting	Users must authenticate by using either Contoso credentials or a personal Microsoft account. You must be able to manage the accounts from Azure AD.

Which authentication Strategy should you recommend for each application? To answer, drag the appropriate authentication strategies to the correct applications. Each authentication strategy 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.

**Authentication Strategies**

An Azure AD B2C tenant

An Azure AD v1.0 endpoint

An Azure AD v2.0 endpoint

**Answer Area**

Customer: 

An Azure AD v2.0 endpoint

Reporting: 

An Azure AD B2C tenant

**Correct Answer:**