Minimum number of Azure AD tenants:

0
1
2
3
4

Minimum number of custom domains to add:

0
1
2
3
4

Minimum number of conditional access policies to create:

0
1
2
3
4

QUESTION 5
HOTSPOT
You design a solution for the web tier of WebApp1 as shown in the exhibit.

Traffic Manager

North Europe — Azure Web App

West Europe — Azure Web App
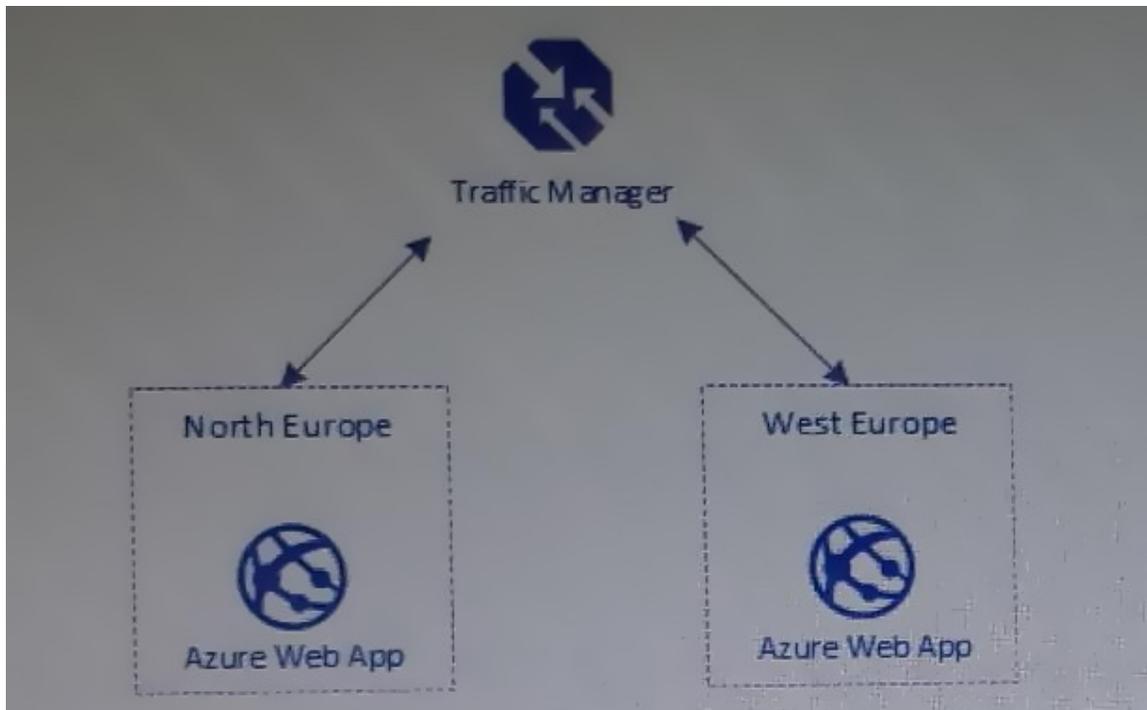
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Statements	Yes	No
The design supports the technical requirements for redundancy.	○	○
The design supports autoscaling.	○	○
The design requires a manual configuration if an Azure region fails.	○	○

Correct Answer:

Statements	Yes	No
The design supports the technical requirements for redundancy.	◉	○
The design supports autoscaling.	○	◉
The design requires a manual configuration if an Azure region fails.	◉	○

QUESTION 6
You need to recommend a notification solution for the IT Support distribution group. What should you include in the recommendation?

A. Azure Network Watcher
B. an action group
C. a SendGrid account with advanced reporting
D. Azure AD Connect Health

Correct Answer: D
Explanation:
https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-health-operations

QUESTION 7
What should you include in the identity management strategy to support the planned changes?

A. Move all the domain controllers from corp.fabrikam.com to virtual networks in Azure.
B. Deploy domain controllers for corp.fabrikam.com to virtual networks in Azure.
C. Deploy a new Azure AD tenant for the authentication of new R&D projects.
D. Deploy domain controllers for the rd.fabrikam.com forest to virtual networks in Azure.

Correct Answer: B
Explanation:
Directory synchronization between Azure Active Directory (Azure AD) and corp.fabrikam.com must not be affected by a link failure between Azure and the on-premises network. (This requires domain controllers in Azure)

Users on the on-premises network must be able to authenticate to corp.fabrikam.com if an Internet link fails. (This requires domain controllers on-premises)

QUESTION 8
You need to recommend a strategy for migrating the database content of WebApp1 to Azure. What should you include in the recommendation?

A. Use Azure Site Recovery to replicate the SQL servers to Azure.
B. Use SQL Server transactional replication.
C. Copy the BACPAC file that contains the Azure SQL database file to Azure Blob storage.
D. Copy the VHD that contains the Azure SQL database files to Azure Blob storage

Correct Answer: B

QUESTION 9
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.

Correct Answer: A

Topic 2, Case Study B

Overview
Contoso,Ltd is a US-base finance service company that has a main office New York and an office in San Francisco.

Payment Processing Query System
Contoso hosts a business critical payment processing system in its New York data center. The system has three tiers a front-end web app a middle-tier API and a back end data store implemented as a Microsoft SQL Server 2014 database All servers run Windows Server 2012 R2.

The front end and middle net components are hosted by using Microsoft Internet Inform-non Services (IK) The application rode is written in C# and middle-tier API uses the Entity framework to communicate the SQL Server database. Maintenance of the database e performed by using SQL Server Ago.

The database is currently J IB and is not expected to grow beyond 3 TB.

The payment processing system has the following compliance related requirement:

- Encrypt data in transit and at test. Only the front-end and middle-tier components must be able to access the encryption keys that protect the date store.
- Keep backups of the two separate physical locations that are at last 200 miles apart and can be restored for op to seven years.
- Support blocking inbound and outbound traffic based on the source IP address, the description IP address, and the port number
- Collect Windows security logs from all the middle-tier servers and retain the log for a period of seven years,
- Inspect inbound and outbound traffic from the from-end tier by using highly available network appliances.
- Only allow all access to all the tiers from the internal network of Contoso.

Tape backups ate configured by using an on-premises deployment or Microsoft System Center Data protection Manager (DPMX) and then shaped ofsite for long term storage

Historical Transaction Query System
Contoso recently migrate a business-Critical workload to Azure. The workload contains a NET web server for querying the historical transaction data residing in azure Table Storage. The NET service is accessible from a client app that was developed in-house and on the client computer in the New Your office. The data in the storage is 50 GB and is not except to increase.

Information Security Requirement
The IT security team wants to ensure that identity management n performed by using Active Directory. Password hashes must be stored on premises only.

Access to all business-critical systems must rely on Active Directory credentials. Any suspicious authentication attempts must trigger multi-factor authentication prompt automatically Legitimate users must be able to authenticate successfully by using multi-factor authentication.

Planned Changes
Contoso plans to implement the following changes:

- Migrate the payment processing system to Azure.

▪ Migrate the historical transaction data to Azure Cosmos DB to address the performance issues.

Migration Requirements
Contoso identifies the following general migration requirements:

Infrastructure services must remain available if a region or a data center fails. Failover must occur without any administrative intervention:

▪ Whenever possible. Azure managed serves must be used to management overhead
▪ Whenever possible, costs must be minimized.

Contoso identifies the following requirements for the payment processing system:

▪ If a data center fails, ensure that the payment processing system remains available without any administrative intervention. The middle-tier and the web front end must continue to operate without any additional configurations.
▪ If that the number of compute nodes of the from -end and the middle tiers of the payment processing system can increase or decrease automatically based on CPU utilization.
▪ Ensure that each tier of the payment processing system is subject to a Service level Agreement (SLA) of 9959 percent availability.
▪ Minimize the effort required to modify the middle tier API and the back-end tier of the payment processing system.
▪ Generate alerts when unauthorized login attempts occur on the middle-tier virtual machines.
▪ Insure that the payment processing system preserves its current compliance status.
▪ Host the middle tier of the payment processing system on a virtual machine.

Contoso identifies the following requirements for the historical transaction query system:

▪ Minimize the use of on-premises infrastructure service.
▪ Minimize the effort required to modify the .NET web service querying Azure Cosmos DB.
▪ If a region fails, ensure that the historical transaction query system remains available without any administrative intervention.

Current Issue
The Contoso IT team discovers poor performance of the historical transaction query as the queries frequently cause table scans.

Information Security Requirements
The IT security team wants to ensure that identity management is performed by using Active Directory. Password hashes must be stored on-premises only.

Access to all business-critical systems must rely on Active Directory credentials. Any suspicious authentication attempts must trigger a multi-factor authentication prompt automatically. legitimate users must be able to authenticate successfully by using multi-factor authentication.

QUESTION 1
HOTSPOT