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QUESTION 1

For a Microsoft cloud environment, you are designing a security architecture based on the Microsoft Cloud Security Benchmark.

What are three best practices for identity management based on the Azure Security Benchmark? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Manage application identities securely and automatically.

B. Manage the lifecycle of identities and entitlements

C. Protect identity and authentication systems.

D. Enable threat detection for identity and access management.

E. Use a centralized identity and authentication system.

Correct Answer: ACE

QUESTION 2

HOTSPOT

You need to recommend a solution to meet the compliance requirements.

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.

Hot Area:

Answer Area

To enforce compliance to the regulatory standard, create:

An Azure Automation account
A blueprint
A managed identity
Workflow automation

To exclude TestRG from the compliance assessment:

Edit an Azure blueprint
Modify a Defender for Cloud workflow automation
Modify an Azure policy definition
Update an Azure policy assignment

Correct Answer:

Answer Area

To enforce compliance to the regulatory standard, create:

An Azure Automation account
A blueprint
A managed identity
Workflow automation

To exclude TestRG from the compliance assessment:

Edit an Azure blueprint
Modify a Defender for Cloud workflow automation
Modify an Azure policy definition
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Box 1: A blueprint Scenario: Requirements. Compliance Requirements Fabrikam wants to automatically remediate the virtual machines in Sub1 to be compliant with the HIPAA HITRUST standard.

Microsoft releases automation for HIPAA/HITRUST compliance I am excited to share our new Azure Security and Compliance Blueprint for HIPAA/HITRUST

QUESTION 3

Your company is designing an application architecture for Azure App Service Environment (ASE) web apps as shown in the exhibit. (Click the Exhibit tab.)
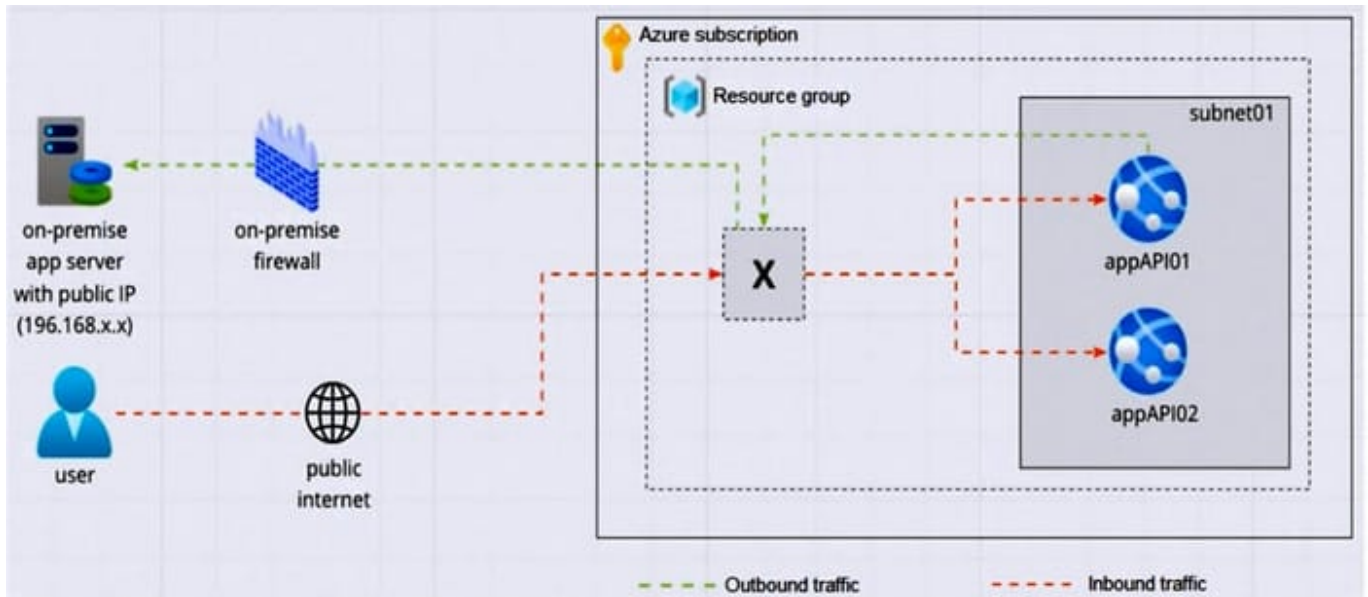
Communication between the on-premises network and Azure uses an ExpressRoute connection.

You need to recommend a solution to ensure that the web apps can communicate with the on-premises application server. The solution must minimize the number of public IP addresses that are allowed to access the on-premises network.

What should you include in the recommendation?

A. Azure Traffic Manager with priority traffic-routing methods

B. Azure Firewall with policy rule sets

C. Azure Front Door with Azure Web Application Firewall (WAF)

D. Azure Application Gateway v2 with user-defined routes (UDRs)

Correct Answer: B

https://learn.microsoft.com/en-us/azure/app-service/environment/firewall-integration

QUESTION 4

You have an operational model based on the Microsoft Cloud Adoption Framework for Azure.

You need to recommend a solution that focuses on cloud-centric control areas to protect resources such as endpoints, databases, files, and storage accounts.

What should you include in the recommendation?

A. business resilience

B. modem access control

C. network isolation

D. security baselines in the Microsoft Cloud Security Benchmark

Correct Answer: D

Explanation:

The Microsoft cloud security benchmark (MCSB) provides prescriptive best practices and recommendations to help improve the security of workloads, data, and services on Azure and your multi-cloud environment. This benchmark focuses

on cloud-centric control areas with input from a set of holistic Microsoft and industry security guidance.

Controls include:

*

Endpoint Security (ES)

Endpoint Security covers controls in endpoint detection and response, including use of endpoint detection and response (EDR) and anti-malware service for endpoints in cloud environments.

*

Data Protection (DP)

Data Protection covers control of data protection at rest, in transit, and via authorized access mechanisms, including discover, classify, protect, and monitor sensitive data assets using access control, encryption, key management and

certificate management.

*

Etc.

Reference: https://learn.microsoft.com/en-us/security/benchmark/azure/overview

QUESTION 5

Your company is developing a modern application that will un as an Azure App Service web app.

You plan to perform threat modeling to identity potential security issues by using the Microsoft Threat Modeling Tool.

Which type of diagram should you create?

A. data flow

B. system flow

C. process flow

D. network flow

Correct Answer: A

A data-flow diagram is a way of representing a flow of data through a process or a system (usually an information

system). The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagram has no control flow — there are no decision rules and no loops. Specific operations based on the data can be represented by a flowchart.[1]

Data flow diagram with data storage, data flows, function and interface

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