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QUESTION 1

Your company plans to publish APIs for its services by using Azure API Management. You discover that service responses include the AspNet-Version header. You need to recommend a solution to remove AspNet-Version from the response
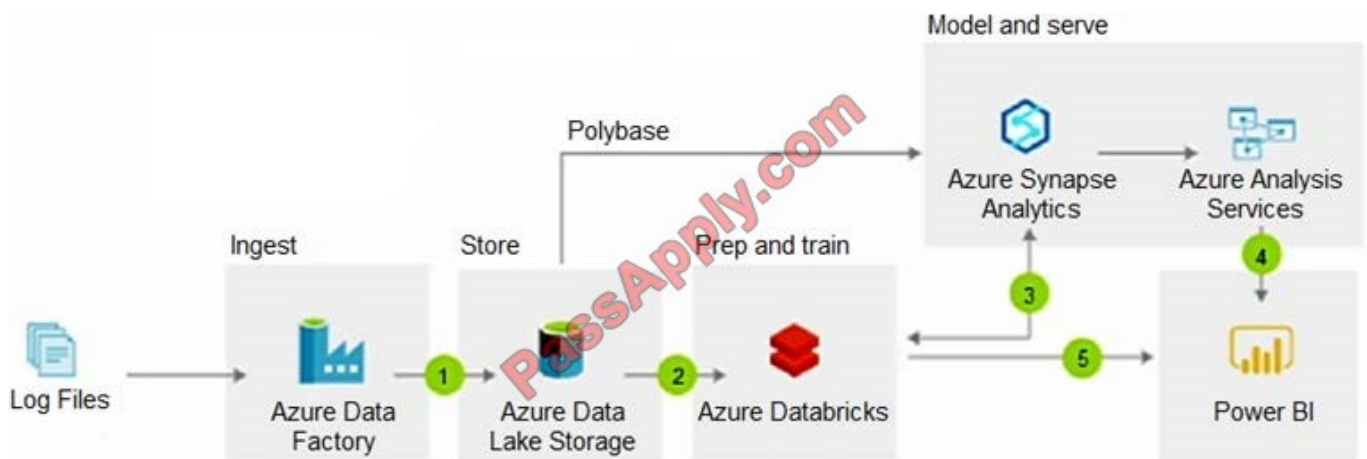
of the published APIs.

What should you include in the recommendation?

A. a new product

B. a modification to the URL scheme

C. a new policy

Correct Answer: C

References: https://docs.microsoft.com/en-us/azure/api-management/transform-api

QUESTION 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.

Your company has an on-premises data center and an Azure subscription. The on-premises data center contains a Hardware Security Module (HSM).

Your network contains an Active Directory domain that is synchronized to an Azure Active Directory (Azure AD) tenant.

The company is developing an application named Application1. Application1 will be hosted in Azure by using 10 virtual

machines that run Windows Server 2016. Five virtual machines will be in the West Europe Azure region and five virtual

machines will be in the East US Azure region. The virtual machines will store sensitive company information. All the virtual machines will use managed disks.

You need to recommend a solution to encrypt the virtual machine disks by using BitLocker Drive Encryption (BitLocker).

Solution: Export a security key from the on-premises HSM. Deploy Azure Key Vault and import the security key to Azure Key Vault. Configure the virtual machines to use Azure Storage encryption.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

The Key Vault has to be in the same region as the VM that will be encrypted.

Reference: https://www.ciraltos.com/azure-disk-encryption-v2/

QUESTION 3

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.

Your company has deployed several virtual machines (VMs) on-premises and to Azure. Azure ExpressRoute has been deployed and configured for on-premises to Azure connectivity.

Several VMs are exhibiting network connectivity issues.

You need to analyze the network traffic to determine whether packets are being allowed or denied to the VMs.

Solution: Use the Azure Advisor to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 4

HOTSPOT

You plan to deploy a network-intensive application to several Azure virtual machines. You need to recommend a solution that meets the following requirements:

1.

Minimizes the use of the virtual machine processors to transfer data

2.

Minimizes network latency

Which virtual machine size and feature should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Virtual machine size: ▼

Compute optimized Standard_F8s
General purpose Standard_B8ms
High performance compute Standard_H16r
Memory optimized Standard_E16s_v3

Feature: ▼

Receive side scaling (RSS)
Remote Direct Memory Access (RDMA)
Single root I/O virtualization (SR-IOV)
Virtual Machine Multi-Queue (VMMQ)

Correct Answer:

Virtual machine size: ▼

| Compute optimized Standard_F8s |
| General purpose Standard_B8ms |
| High performance compute Standard_H16r |
| Memory optimized Standard_E16s_v3 |

Feature: ▼

| Receive side scaling (RSS) |
| Remote Direct Memory Access (RDMA) |
| Single root I/O virtualization (SR-IOV) |
| Virtual Machine Multi-Queue (VMMQ) |

References: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sizes-hpc#h-series

QUESTION 5

You need to recommend a solution to deploy containers that run an application. The application has two tiers.

Each tier is implemented as a separate Docker Linux-based image. The solution must meet the following requirements:

1.

 The front-end tier must be accessible by using a public IP address on port 80.

2.

 The backend tier must be accessible by using port 8080 from the front-end tier only.

3.

 Both containers must be able to access the same Azure file share.

4.

 If a container fails, the application must restart automatically.

5.

 Costs must be minimized.

What should you recommend using to host the application?

A. Azure Kubernetes Service (AKS)

B. Azure Service Fabric

C. Azure Container instances

Correct Answer: C

Azure Container Instances enables a layered approach to orchestration, providing all of the scheduling and management capabilities required to run a single container, while allowing orchestrator platforms to manage multi-container tasks on

top of it.

Because the underlying infrastructure for container instances is managed by Azure, an orchestrator platform does not need to concern itself with finding an appropriate host machine on which to run a single container.

Azure Container Instances can schedule both Windows and Linux containers with the same API.

Orchestration of container instances exclusively

Because they start quickly and bill by the second, an environment based exclusively on Azure Container Instances offers the fastest way to get started and to deal with highly variable workloads.

Reference:

https://docs.microsoft.com/en-us/azure/container-instances/container-instances-overview https://docs.microsoft.com/en-us/azure/container-instances/container-instances-orchestrator- relationship

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