AZ-304 Q&As

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QUESTION 1

You have an Azure subscription that contains an Azure Blob storage account named store1.

You have an on-premises file server named Server1 that runs Windows Server 2016. Server1 stores 500 GB of company files.

You need to store a copy of the company files in store1.

Which two possible Azure services achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. an Azure Import/Export job

B. an integration account

C. an Azure Batch account

D. Azure data Factory

E. an On-premises data gateway

Correct Answer: AD

QUESTION 2

Note: This question is a 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.

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 Azure Network Watcher to run IP flow verify to analyze the network traffic.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: A

The Network Watcher Network performance monitor is a cloud-based hybrid network monitoring solution that helps you monitor network performance between various points in your network infrastructure. It also helps you monitor network

connectivity to service and application endpoints and monitor the performance of Azure ExpressRoute.

Note:

IP flow verify checks if a packet is allowed or denied to or from a virtual machine. The information consists of direction, protocol, local IP, remote IP, local port, and remote port. If the packet is denied by a security group, the name of the rule

that denied the packet is returned. While any source or destination IP can be chosen, IP flow verify helps administrators quickly diagnose connectivity issues from or to the internet and from or to the on-premises environment.

IP flow verify looks at the rules for all Network Security Groups (NSGs) applied to the network interface, such as a subnet or virtual machine NIC. Traffic flow is then verified based on the configured settings to or from that network interface. IP

flow verify is useful in confirming if a rule in a Network Security Group is blocking ingress or egress traffic to or from a virtual machine.

Reference:

https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-monitoring-overview

https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-ip-flow-verify-overview

QUESTION 3

You are designing a microservices architecture that will use Azure Kubernetes Service (AKS) to host pods that run containers. Each pod deployment will host a separate API. Each API will be implemented as a separate service.

You need to recommend a solution to make the APIs available to external users from Azure API Management. The solution must meet the following requirements:

1.

Control access to the APIs by using mutual TLS authentication between API Management and the AKS-based APIs.

2.

Provide access to the APIs by using a single IP address.

What should you recommend to provide access to the APIs?

A. custom network security groups (NSGs)

B. the LoadBelancer service in AKS

C. the Ingress Controller in AKS

Correct Answer: C

An ingress controller is a piece of software that provides reverse proxy, configurable traffic routing, and TLS termination for Kubernetes services. Kubernetes ingress resources are used to configure the ingress rules and routes for individual

Kubernetes services. Using an ingress controller and ingress rules, a single IP address can be used to route traffic to multiple services in a Kubernetes cluster.

Reference: https://docs.microsoft.com/en-us/azure/aks/ingress-basic

QUESTION 4

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 plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend creating resource groups based on locations and implementing resource locks on the resource groups.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Resource locks are not used for compliance purposes. Resource locks prevent changes from being made to resources.

Reference: https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources

QUESTION 5

You nave 200 resource groups across 20 Azure subscriptions.

Your company\\'s security policy states that the security administrator most verify all assignments of the Owner role for the subscriptions and resource groups once a month.

All assignments that are not approved try the security administrator must be removed automatically.

The security administrator must be prompted every month to perform the verification.

What should you use to implement the security policy?

A. Access reviews in identity Governance

B. role assignments in Azure Active Directory (Azure AD) Privileged Identity Management (PIM)

C. Identity Secure Score in Azure Security Center

D. the user risk policy Azure Active Directory (Azure AD) Identity Protection

Correct Answer: B