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QUESTION 1

HOTSPOT

You need to create deployment files for an Azure Kubernetes Service (AKS) cluster. The deployments must meet the provisioning storage requirements shown in the following table.

Deployment	Requirement
Deployment 1	Use files stored on an SMB-based share from the container's file system.
Deployment 2	Use files on a managed disk from the container's file system.
Deployment 3	Securely access X.509 certificates from the container's file system.

Which resource type should you use for each deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.
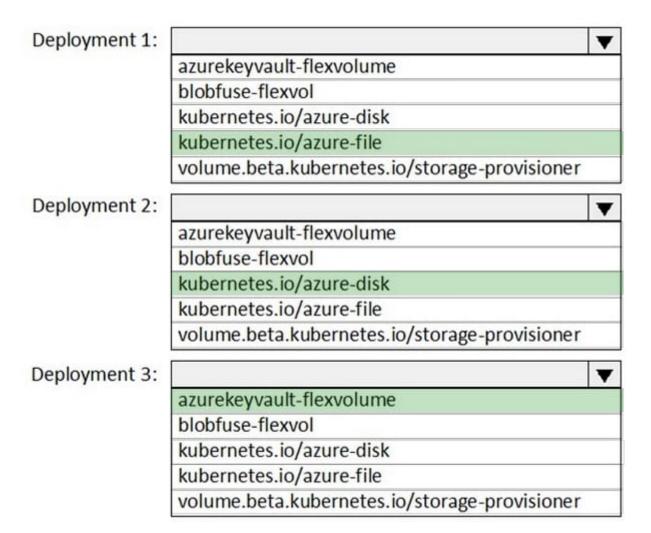
Hot Area:

Answer Area

Deployment 1:

▼
azurekeyvault-flexvolume
blobfuse-flexvol
kubernetes.io/azure-disk
kubernetes.io/azure-file
volume.beta.kubernetes.io/storage-provisioner

Deployment 2:

▼
azurekeyvault-flexvolume
blobfuse-flexvol
kubernetes.io/azure-disk
kubernetes.io/azure-file
volume.beta.kubernetes.io/storage-provisioner

Deployment 3:

▼
azurekeyvault-flexvolume
blobfuse-flexvol
kubernetes.io/azure-disk
kubernetes.io/azure-file
volume.beta.kubernetes.io/storage-provisioner

Correct Answer:

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Answer Area

Deployment 1:

- azurekeyvault-flexvolume
- blobfuse-flexvol
- kubernetes.io/azure-disk
- **kubernetes.io/azure-file**
- volume.beta.kubernetes.io/storage-provisioner

Deployment 2:

- azurekeyvault-flexvolume
- blobfuse-flexvol
- **kubernetes.io/azure-disk**
- kubernetes.io/azure-file
- volume.beta.kubernetes.io/storage-provisioner

Deployment 3:

- **azurekeyvault-flexvolume**
- blobfuse-flexvol
- kubernetes.io/azure-disk
- kubernetes.io/azure-file
- volume.beta.kubernetes.io/storage-provisioner

Deployment 1: Kubernetes.io/azure-file

You can use Azure Files to connect using the Server Message Block (SMB) protocol.

Deployment 2: Kubernetes.io/azure-disk

Deployment 3: azurekeyvault-flexvolume

azurekeyvault-flexvolume: Key Vault FlexVolume: Seamlessly integrate your key management systems with Kubernetes.

Secrets, keys, and certificates in a key management system become a volume accessible to pods. Once the volume is mounted, its data is available directly in the container filesystem for your application.

Incorrect Answers:

blobfuse-flexvolume: This driver allows Kubernetes to access virtual filesystem backed by the Azure Blob storage.

References:

https://docs.microsoft.com/bs-cyrl-ba/azure/aks/azure-files-dynamic-pv

https://docs.microsoft.com/en-us/azure/aks/azure-disks-dynamic-pv

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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.

You integrate a cloud-hosted Jenkins server and a new Azure DevOps deployment.

You need Azure DevOps to send a notification to Jenkins when a developer commits changes to a branch in Azure Repos.

Solution: You create a service hook subscription that uses the code pushed event.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

You can create a service hook for Azure DevOps Services and TFS with Jenkins.

References: https://docs.microsoft.com/en-us/azure/devops/service-hooks/services/jenkins

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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.

The lead developer at your company reports that adding new application features takes longer than expected due to a large accumulated technical debt.

You need to recommend changes to reduce the accumulated technical debt.

Solution: You recommend increasing the code duplication.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead reduce the code complexity.

Reference: https://dzone.com/articles/fight-through-the-pain-how-to-deal-with-technical

QUESTION 4

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.

You plan to create a release pipeline that will deploy Azure resources by using Azure Resource Manager templates. The release pipeline will create the following resources:

1.

Two resource groups

2.

Four Azure virtual machines in one resource group

3.

Two Azure SQL databases in other resource group

You need to recommend a solution to deploy the resources.

Solution: Create a single standalone template that will deploy all the resources.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Use two templates, one for each resource group, and link the templates.

References: https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-linked-templates

QUESTION 5

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.

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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 a project in Azure DevOps for a new web application.

You need to ensure that when code is checked in, a build runs automatically.

Solution: From the Continuous deployment trigger settings of the release pipeline, you enable the Pull request trigger setting.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

In Visual Designer you enable continuous integration (CI) by:

1.

 Select the Triggers tab.

2.

 Enable Continuous integration.

References: https://docs.microsoft.com/en-us/azure/devops/pipelines/get-started-designer

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