Question 1

You are designing an order processing system in Azure that will contain the Azure resources shown in the following table.

The order processing system will have the following transaction flow:

A customer will place an order by using App1.

When the order is received, App1 will generate a message to check for product availability at vendor 1 and vendor 2.

An integration component will process the message, and then trigger either Function1 or Function2 depending on the type of order.

Once a vendor confirms the product availability, a status message for App1 will be generated by Function1 or Function2.

All the steps of the transaction will be logged to storage1.

Which type of resource should you recommend for the integration component?

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Which type of resource should you recommend for the integration component?

Options:

A) an Azure Data Factory pipeline

B) an Azure Service Bus queue

C) an Azure Event Grid domain

D) an Azure Event Hubs capture

Answer:

A

Explanation:

A data factory can have one or more pipelines. A pipeline is a logical grouping of activities that together perform a task.

The activities in a pipeline define actions to perform on your data.

Data Factory has three groupings of activities: data movement activities, data transformation activities, and control activities.

Azure Functions is now integrated with Azure Data Factory, allowing you to run an Azure function as a step in your data factory pipelines.

https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipelines-activities

Question 2

You need to deploy resources to host a stateless web app in an Azure subscription. The solution must meet the following requirements:

* Provide access to the full .NET framework.

* Provide redundancy if an Azure region fails.

* Grant administrators access to the operating system to install custom application dependencies.

Solution: You deploy a Azure virtual machine scale set that uses autoscaling.

Does this meet the goal?

Options:
A) Yes

B) No

Answer:
B

Explanation:

Instead, you should deploy two Azure virtual machines to two Azure regions, and you create a Traffic Manager profile.

Question 3

Question Type: MultipleChoice

Your company develops Azure applications.

You need to recommend a solution for the deployment of Azure subscriptions. The solution must meet the following requirements:

Options:

A) Provision resource groups.

B) Support deployments across all Azure regions.

C) Create custom role-based access control (RBAC) roles.

D) Provide consistent virtual machine and virtual network configurations.

E) What should you include in the recommendation?

Answer:

D

Explanation:

Resource groups: You can scope your deployment to a resource group. You use an Azure Resource Manager template (ARM template) for the deployment.

Regions: If you have a template spec in one region and want to move it to new region, you can export the template spec and redeploy it.

RBAC: Azure role-based access control (Azure RBAC) is the authorization system you use to manage access to Azure resources. To grant access, you assign roles to users, groups, service principals, or managed identities at a particular scope. In addition to using Azure PowerShell or the Azure CLI, you can assign roles using Azure Resource Manager templates. Templates can be helpful if you need to deploy resources consistently and repeatedly

You can setup Virtual machines and virtual network configurations in an Azure Resource Manager template.

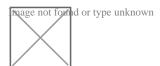https://docs.microsoft.com/en-us/azure/governance/blueprints/overview

https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/microsoft-resources-move-regions

https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-template

https://docs.microsoft.com/en-us/azure/virtual-machines/windows/template-description
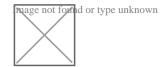
Question 4

You have a resource group named RG1 that contains the objects shown in the following table.

You need to configure permissions so that App1 can copy all the secrets from KV1 to KV2. App1 currently has the Get permission for the secrets in KV1.

Which additional permissions should you assign to App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

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Answer:

Explanation:

https://docs.microsoft.com/en-us/rest/api/keyvault/

Question 5

Question Type: **Hotspot**

You are designing an Azure web app.

You plan to deploy the web app to the North Europe Azure region and the West Europe Azure region.

You need to recommend a solution for the web app. The solution must meet the following requirements:
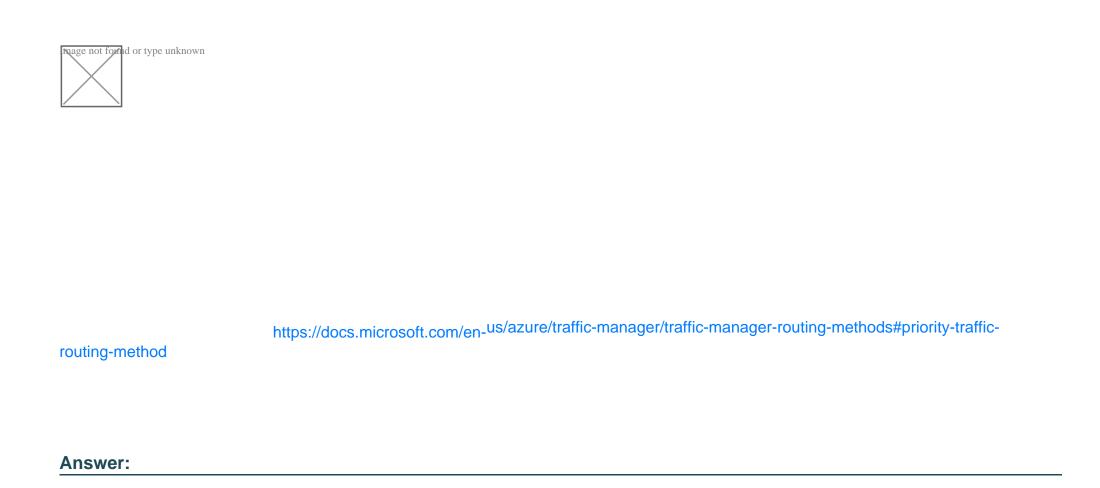
Users must always access the web app from the North Europe region, unless the region fails.

The web app must be available to users if an Azure region is unavailable.

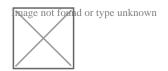Deployment costs must be minimized.

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.

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[routing-method](https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-routing-methods#priority-traffic-routing-method) https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-routing-methods#priority-traffic-routing-method

Answer:

Question 6

Question Type: **MultipleChoice**

Your company has the divisions shown m the following table.

Sub1 contains an Azure App Service web app named App1. Appl uses Azure AD for single-tenant user authentication. Users from contoso.com can authenticate to App1. You need to recommend a solution to enable users in the fabrikam.com tenant to authenticate to App1. What should you recommend?

Options:

A) Enable Azure AD pass-through authentication and update the sign-in endpoint

B) Configure the Azure AD provisioning service.

C) Configure assignments tor the fabnkam.com users by using Azure AD Privileged Identity Management (PIM).

D) Configure Supported account types in the application registration and update the sign-in endpoint.

Answer:

D