Custom View Settings

Question #11 *Topic 1*

DRAG DROP -

Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.

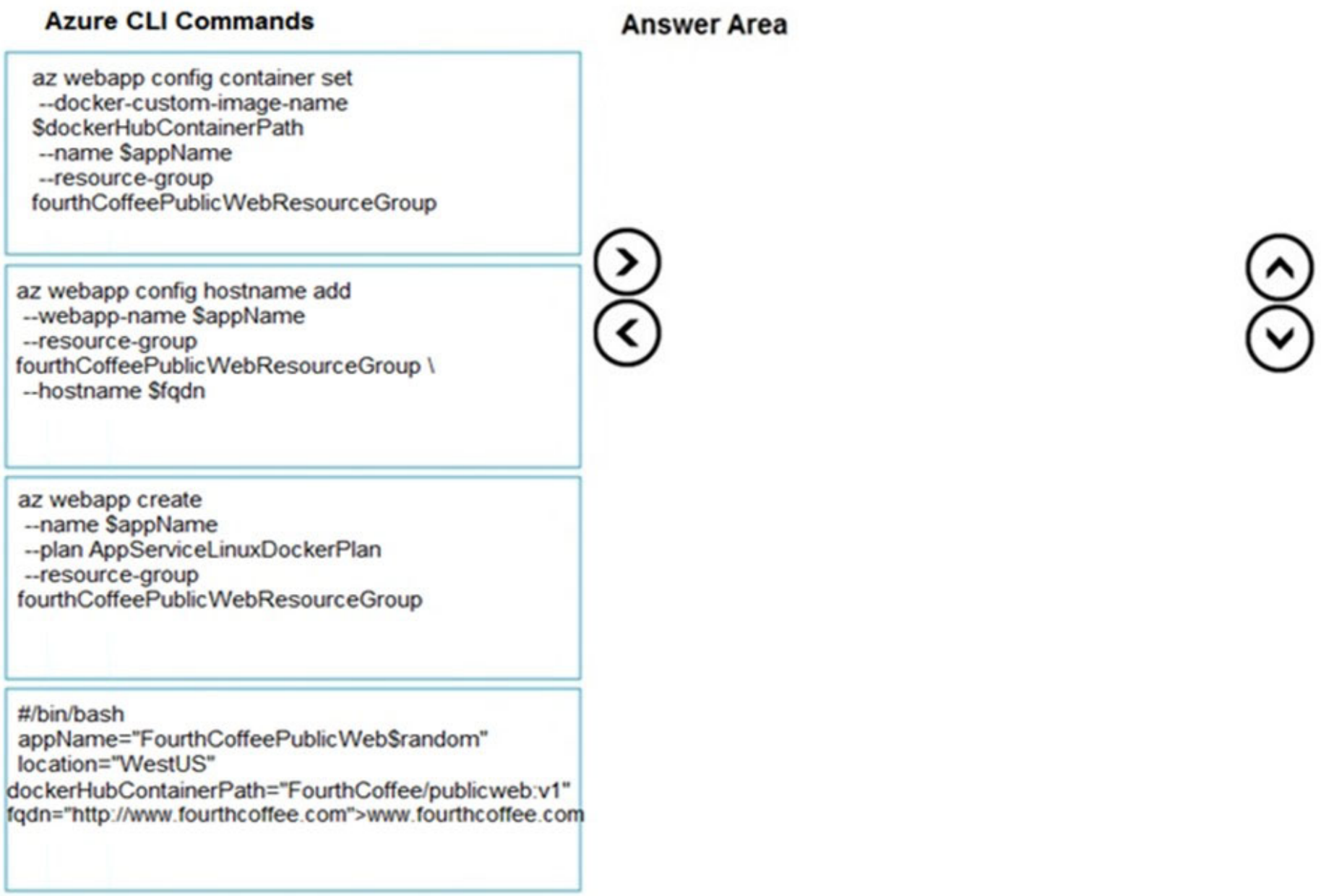
Fourth Coffee is migrating this application to Azure.

You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.

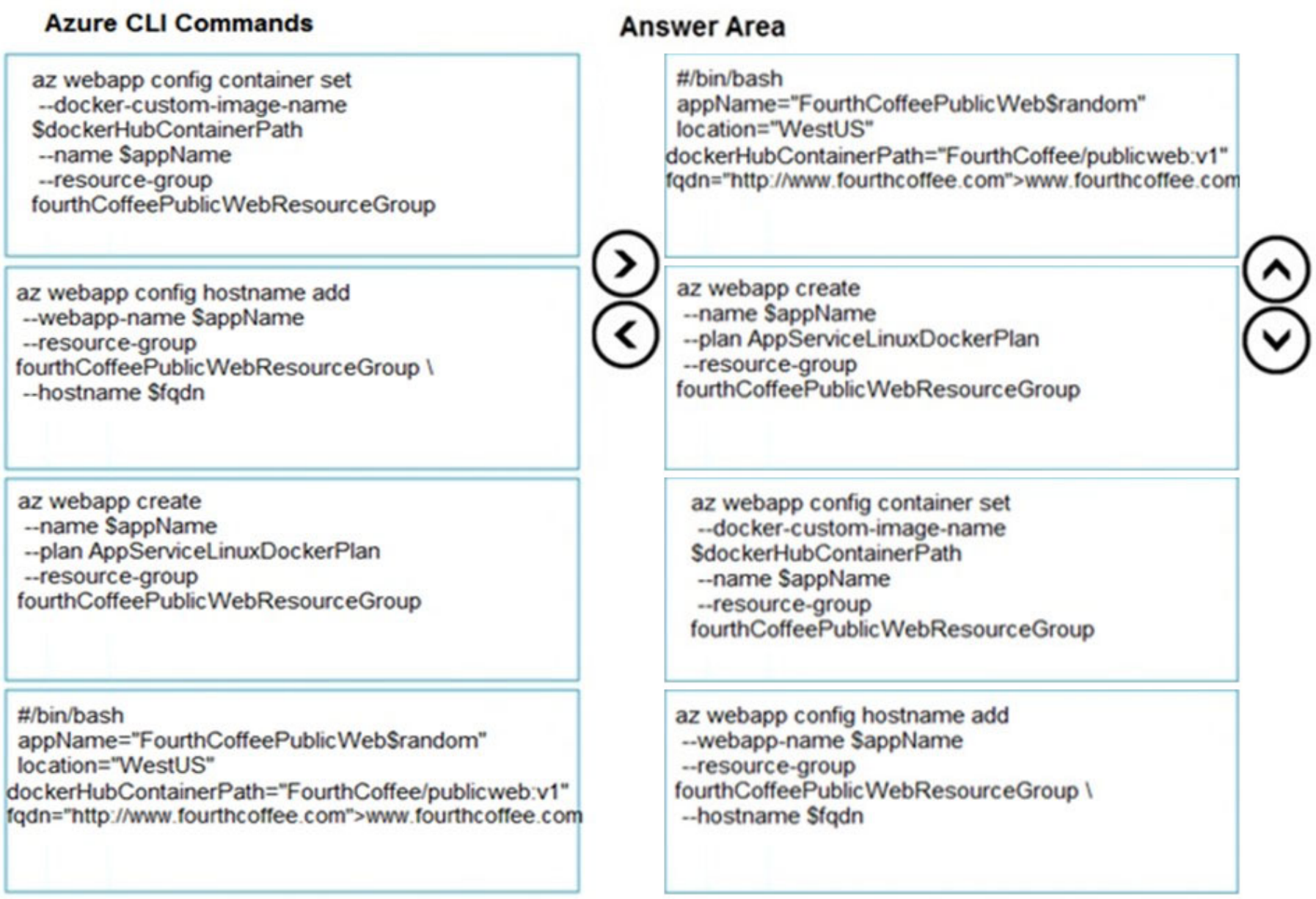
A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan named AppServiceLinuxDockerPlan.

Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI commands from the list of commands to the answer area and arrange them in the correct order.

Select and Place:



Correct Answer:



Step 1: #bin/bash -

The appName is used when the webapp-name is created in step 2.

Step 2: az webapp create -

Create a web app. In the Cloud Shell, create a web app in the myAppServicePlan App Service plan with the az webapp create command.

Step 3: az webapp config container set

In Create a web app, you specified an image on Docker Hub in the az webapp create command. This is good enough for a public image. To use a private image, you need to configure your Docker account ID and password in your Azure web app.

Step 4: az webapp config hostname add

The webapp-name is used when the webapp is created in step 2.

In the Cloud Shell, follow the az webapp create command with az webapp config container set.

Reference:

https://docs.microsoft.com/en-us/azure/app-service/containers/tutorial-custom-docker-image https://docs.microsoft.com/en-us/azure/app-service/tutorial-custom-container?pivots=container-linux https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-configure-custom-domain

Question #12 *Topic 1*

DRAG DROP -

You are developing a serverless Java application on Azure. You create a new Azure Key Vault to work with secrets from a new Azure Functions application.

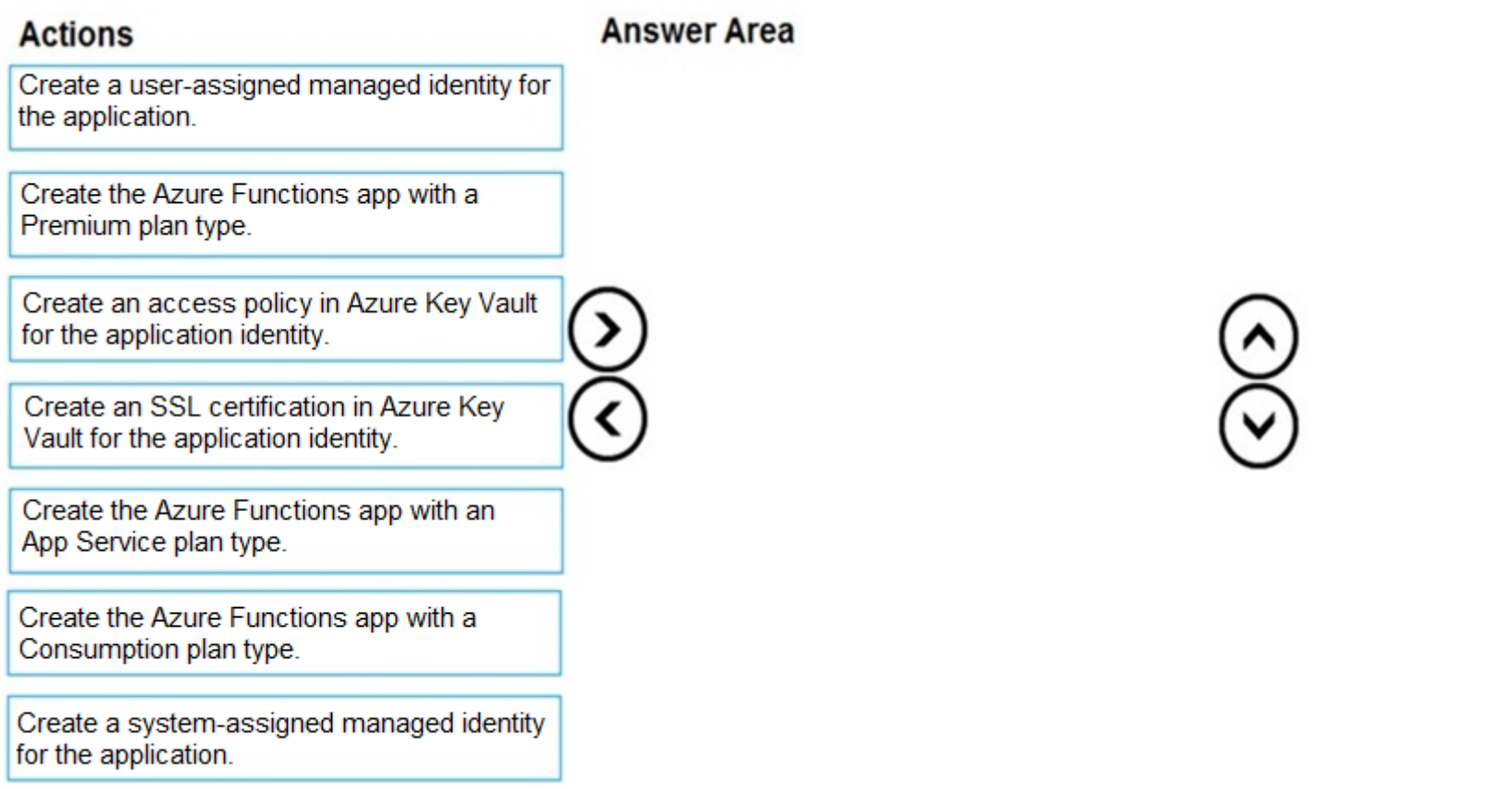
The application must meet the following requirements:

- ☞ Reference the Azure Key Vault without requiring any changes to the Java code.
- ☞ Dynamically add and remove instances of the Azure Functions host based on the number of incoming application events.
- ☞ Ensure that instances are perpetually warm to avoid any cold starts.
- ☞ Connect to a VNet.
- ☞ Authentication to the Azure Key Vault instance must be removed if the Azure Function application is deleted.

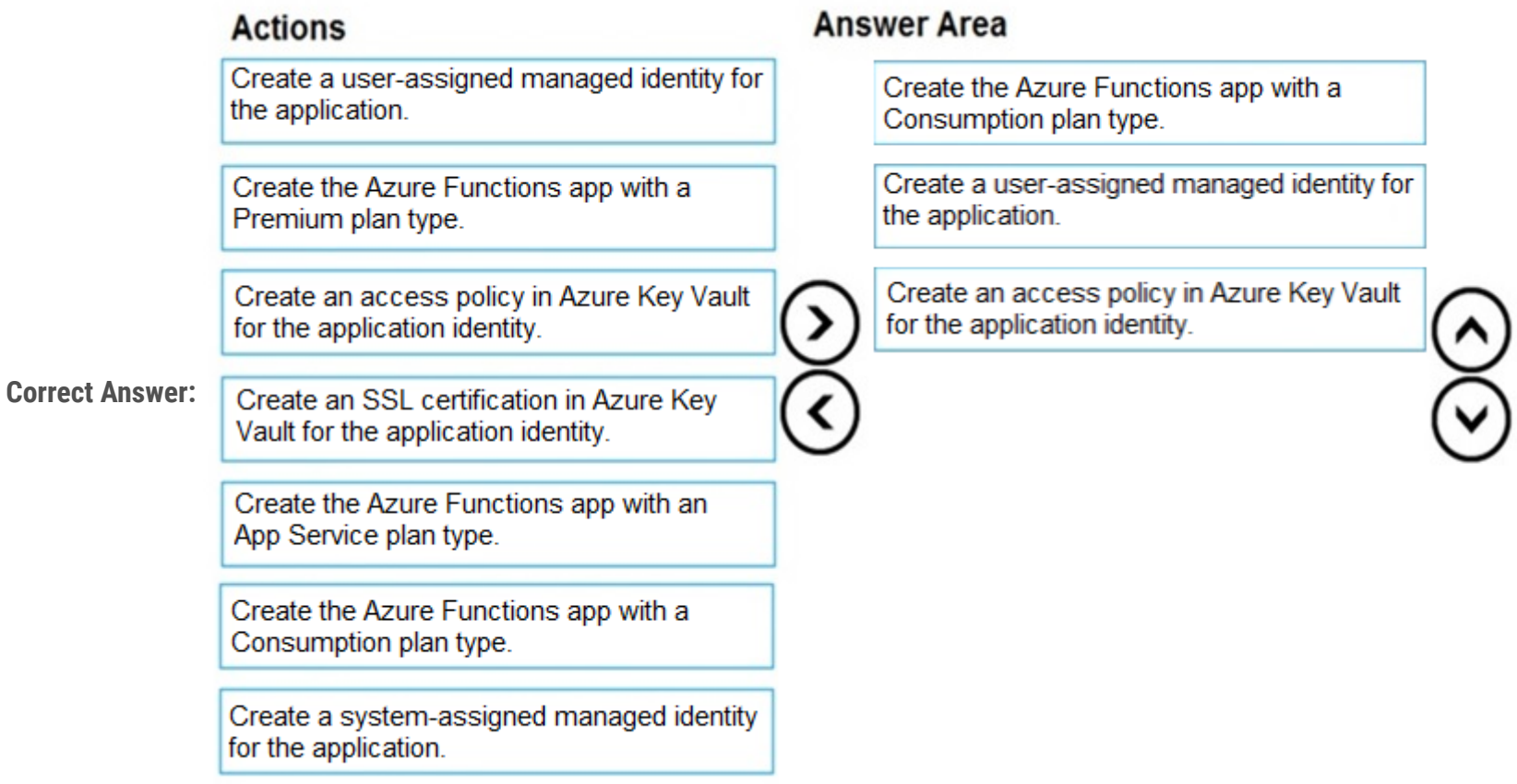
You need to grant the Azure Functions application access to the Azure Key Vault.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:



Correct Answer:



Step 1: Create the Azure Functions app with a Consumption plan type.

Use the Consumption plan for serverless.

Step 2: Create a system-assigned managed identity for the application.

Create a system-assigned managed identity for your application.

Key Vault references currently only support system-assigned managed identities. User-assigned identities cannot be used.

Step 3: Create an access policy in Key Vault for the application identity.

Create an access policy in Key Vault for the application identity you created earlier. Enable the "Get" secret permission on this policy. Do not

configure the
"authorized application" or applicationId settings, as this is not compatible with a managed identity.
Reference:
https://docs.microsoft.com/en-us/azure/app-service/app-service-key-vault-references

Question #13 *Topic 1*

You develop a website. You plan to host the website in Azure. You expect the website to experience high traffic volumes after it is published.
You must ensure that the website remains available and responsive while minimizing cost.
You need to deploy the website.
What should you do?

A. Deploy the website to a virtual machine. Configure the virtual machine to automatically scale when the CPU load is high.

B. Deploy the website to an App Service that uses the Shared service tier. Configure the App Service plan to automatically scale when the CPU load is high.

C. Deploy the website to a virtual machine. Configure a Scale Set to increase the virtual machine instance count when the CPU load is high.

D. Deploy the website to an App Service that uses the Standard service tier. Configure the App Service plan to automatically scale when the CPU load is high.

Correct Answer: *D*
Windows Azure Web Sites (WAWS) offers 3 modes: Standard, Free, and Shared.
Standard mode carries an enterprise-grade SLA (Service Level Agreement) of 99.9% monthly, even for sites with just one instance.
Standard mode runs on dedicated instances, making it different from the other ways to buy Windows Azure Web Sites.
Incorrect Answers:
B: Shared and Free modes do not offer the scaling flexibility of Standard, and they have some important limits.
Shared mode, just as the name states, also uses shared Compute resources, and also has a CPU limit. So, while neither Free nor Shared is likely to be the best choice for your production environment due to these limits.

Question #14 *Topic 1*

HOTSPOT -

A company is developing a Java web app. The web app code is hosted in a GitHub repository located at https://github.com/Contoso/webapp.

The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.

You need to create the web app and deploy the code.

How should you complete the commands? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
gitrepo=https://github.com/Contoso/webapp
webappname=businesswebapp
resourcegroupname=BusinessAppResourceGroup
az [ group | webapp | appservice plan | webapp deployment slot | webapp deployment source ] create --location centralus --name $resourcegroupname
az [ group | webapp | appservice plan | webapp deployment slot | webapp deployment source ] create --name $webappname --resource-group $resourcegroupname --sku S3
az [ group | webapp | appservice plan | webapp deployment slot | webapp deployment source ] create --name $webappname --resource-group $resourcegroupname --plan $webappname
az [ group | webapp | appservice plan | webapp deployment slot | webapp deployment source ] create --name $webappname --resource-group $resourcegroupname --slot staging
az [ group | webapp | appservice plan | webapp deployment slot | webapp deployment source ] config --name $webappname --resource-group $resourcegroupname \
--slot staging --repo-url $gitrepo --branch master --manual-integration
```

Correct Answer:

Answer Area

gitrepo=https://github.com/Contoso/webapp
webappname=businesswebapp
resourcegroupname=BusinessAppResourceGroup

az [group / webapp / appservice plan / webapp deployment slot / webapp deployment source] create --location centralus --name $resourcegroupname

az [group / webapp / appservice plan / webapp deployment slot / webapp deployment source] create --name $webappname --resource-group $resourcegroupname --sku S3

az [group / webapp / appservice plan / webapp deployment slot / webapp deployment source] create --name $webappname --resource-group $resourcegroupname --plan $webappname

az [group / webapp / appservice plan / webapp deployment slot / webapp deployment source] create --name $webappname --resource-group $resourcegroupname --slot staging

az [group / webapp / appservice plan / webapp deployment slot / webapp deployment source] config --name $webappname --resource-group $resourcegroupname \
--slot staging --repo-url $gitrepo --branch master --manual-integration

Box 1: group -

Create a resource group.

az group create --location westeurope --name myResourceGroup

Box 2: appservice plan -

Create an App Service plan in STANDARD tier (minimum required by deployment slots). az appservice plan create --name $webappname --resource-group myResourceGroup --sku S1

Box 3: webapp -

Create a web app.

az webapp create --name $webappname --resource-group myResourceGroup \
--plan $webappname

Box 4: webapp deployment slot -

#Create a deployment slot with the name "staging".

az webapp deployment slot create --name $webappname --resource-group myResourceGroup \
--slot staging

Box 5: webapp deployment source -

Deploy sample code to "staging" slot from GitHub.

az webapp deployment source config --name $webappname --resource-group myResourceGroup \
--slot staging --repo-url $gitrepo --branch master --manual-integration

Reference:

https://docs.microsoft.com/en-us/azure/app-service/scripts/cli-deploy-staging-environment

Question #15 *Topic 1*

HOTSPOT -

You have a web service that is used to pay for food deliveries. The web service uses Azure Cosmos DB as the data store.

You plan to add a new feature that allows users to set a tip amount. The new feature requires that a property named tip on the document in Cosmos DB must be present and contain a numeric value.

There are many existing websites and mobile apps that use the web service that will not be updated to set the tip property for some time.

How should you complete the trigger?

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
function ensureTip() {
    var r = [ __.value(); | __.readDocument('item'); | getContext().getRequest(); | getContext().getResponse(); ]
    var i = r.getBody();
    [ if (!("tip" in i)) { | if (request.getValue("tip") = = = null) { | if (isNaN(i)["tip"] || i["tip"] = = = null) { | if (typeof __.pluck("tip") = = 'number') { ]
        i["tip"] = 0;
    }
    [ r.setBody(i); | r.setValue(i); | __.upsertDocument(i); | __.replaceDocument(i); ]
}
```

Correct Answer:

Answer Area

```
function ensureTip() {
    var r = [ __.value(); | __.readDocument('item'); | getContext().getRequest(); | getContext().getResponse(); ]
    var i = r.getBody();
    [ if (!("tip" in i)) { | if (request.getValue("tip") = = = null) { | if (isNaN(i)["tip"] || i["tip"] = = = null) { | if (typeof __.pluck("tip") = = 'number') { ]
        i["tip"] = 0;
    }
    [ r.setBody(i); | r.setValue(i); | __.upsertDocument(i); | __.replaceDocument(i); ]
}
```

Previous Questions

Next Questions