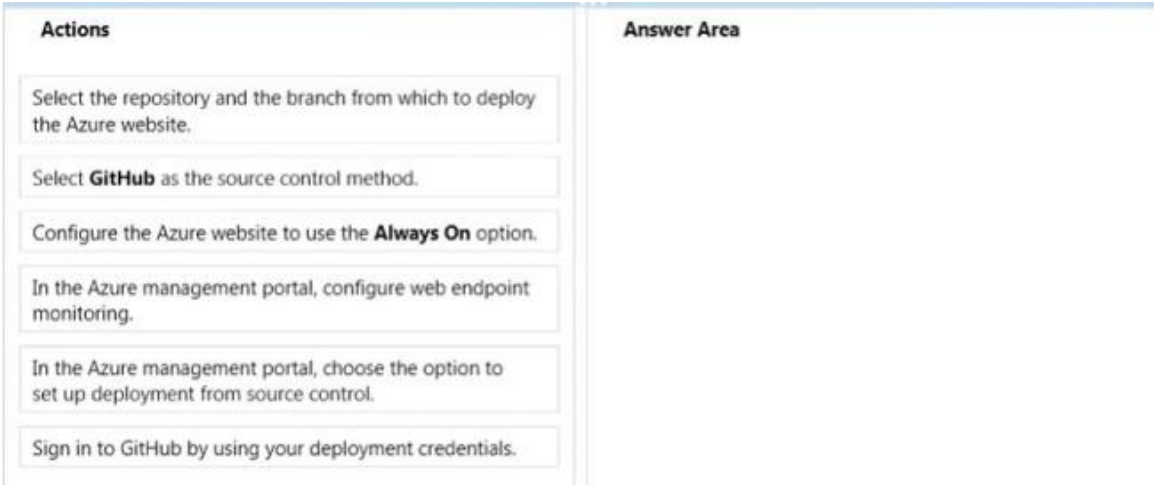
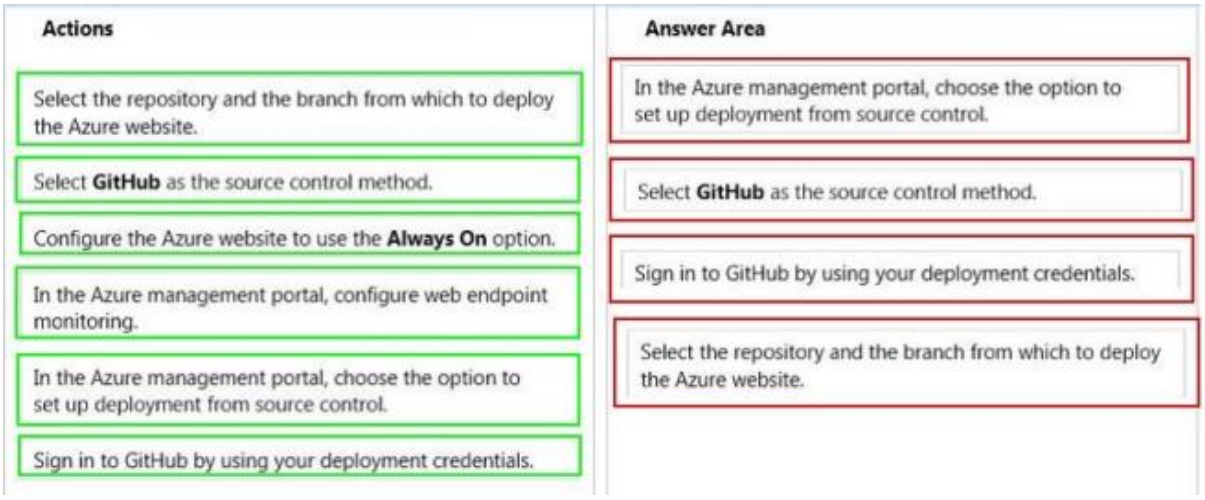
1) Drag and Drop Question. You create a web application. You publish the source code of the web application to a GitHub repository by using Microsoft Visual Studio. You create a website by using the Azure management portal. You must continuously deploy the web application from the GitHub repository website to the Azure website. You need to deploy the source code of the web application. Which four 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.



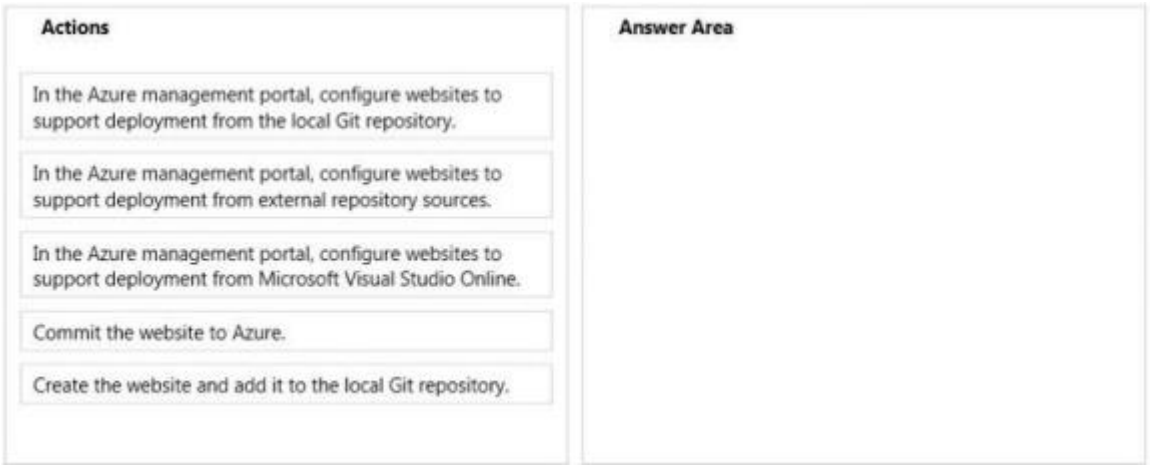
Answer:



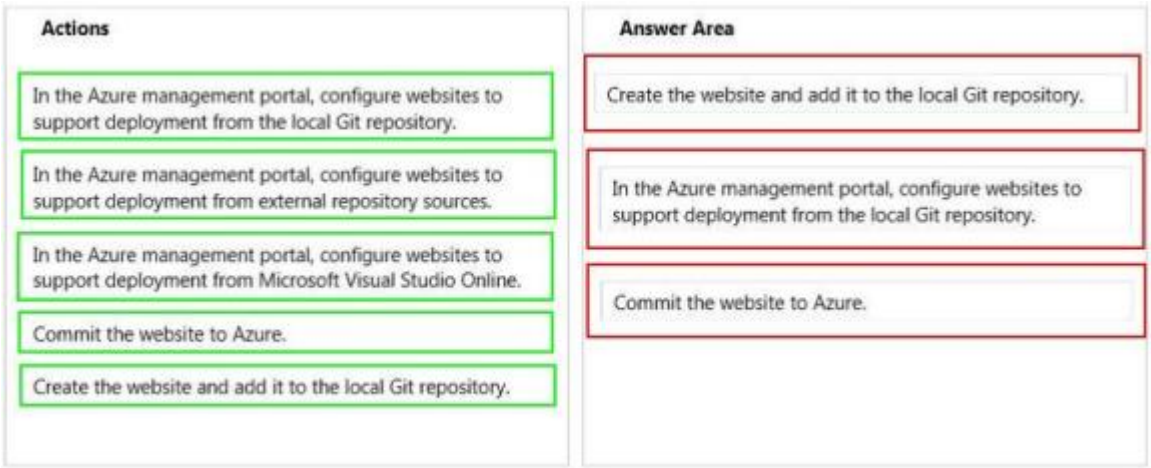
2) A company creates an API and makes it accessible on an Azure website. External partners use the API occasionally. The website uses the Standard web hosting plan. Partners report that the first API call in a sequence of API calls occasionally takes longer than expected to run. Subsequent API calls consistently perform as expected. You need to ensure that all API calls perform consistently. What should you do?
   a) Configure the website to use the Basic web hosting plan.
   b) Enable Always On support.
   c) Configure the website to automatically scale.
   d) Add a trigger to the web.config file for the website that causes the website to recycle periodically.

Answer: B

3) Drag and Drop Question. Your team uses a proprietary source control product. You use FTP to manually deploy an Azure website. You must move your source code from the proprietary source control product to a secure on-premises Git versioning system. Instead of deploying the website by using FTP. The website must automatically deploy to Azure each time developers check-in source files. You need to implement the new deployment strategy. 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.



Answer:



4) You deploy a website to Azure. When the website starts, it loads and caches common data. Updates to the website must occur without downtime or performance degradation that is noticeable to users. You need to upgrade to a new version of website code. What should you do?

A.

```
Create a staging slot for the new version of the website. Run the following Windows
Powershell command, and then deploy the new code.

    Switch-AzureWebsiteSlot -Name"MyWebsiteName"
```

B.

```
Create a staging slot for the new version of the website. Deploy the new code to the
slot. Then run the following Windows Powershell command

    Switch-AzureWebsiteSlot -Name"MyWebsiteName"
```

C.

```
Run the following Windows Powershell command.
    New-AzureWebsite -Name "staging" -Location "East US"

Deploy the new code to the staging site. Then run the following Windows Powershell command
    Switch-AzureWebsiteSlot -Name "MyWebsiteName"
```

D.

```
Create a new staging slot for the new version of the website. Run the following
Windows Powershell command.
    Switch-AzureWebsiteSlot -Name "MyWebsiteName"
Then deploy the new code to the staging slot.
```

Answer: B

5) You have a website that is hosted on Azure. You connect to the site by using the URI http://www.contoso.com. You plan to publish a new version of the website. You need to acquire the publishing profile for the website.
Which two actions will achieve the goal? (Select two.)
   A. Run the following Windows PowerShell cmdlet: Get-AzurePublishSettingsFile
   B. Run the following Windows PowerShell cmdlet: Get-AzureSubscription
   C. Navigate to the following URI: https://www.contoso.com/download/publishprofile.aspx
   D. Navigate to the following URI: https://windows.azure.com/download/publishprofile.aspx

Answer: **A, D**

6) You deploy a stateless ASP.NET application to an Azure website. You scale out the application by adding website instances. Only newly signed in users are routed to the recently added website instances. Users must be evenly distributed among all the instances. You need to configure the environment to ensure that the load balancer evenly distributes requests. What should you do?

A.

Add the following markup to the web.config file for the application:

```
<system.webServer>
  <httpProtocol>
    <customHeaders>
      <add name="Arr-Disable-Session-Affinity" value="False" />
    </customHeaders>
  </httpProtocol>
</system.webServer>
```

B. Configure auto scaling rules based on metrics

C.

Add the following markup to the web.config file for the application:

```
<system.webServer>
  <httpProtocol>
    <customHeaders>
      <add name="Arr-Disable-Session-Affinity" value="True" />
    </customHeaders>
  </httpProtocol>
</system.webServer>
```

D. Enable AlwaysOn Support

Answer: C

7) You plan to migrate a website named Contoso from one hosting plan to another hosting plan. The website is currently in a hosting plan named webhostingplan1. You create a resource group named ContosoGroup. You create the following PowerShell script by using the Azure PowerShell tools. Line numbers are included for reference only.

```
01 $webhostingplan = @{"serverfarm" = "webhostingplan2"}
02 Set-AzureResource -name Contoso -ResourceGroupName ContosoGroup -ResourceType Microsoft.Web/sites `
    -apiversion 2014-04-01 -PropertyObject $webhostingplan
03 Get-AzureResource -name Contoso -ResourceGroupName ContosoGroup -ResourceType Microsoft.Web/sites `
    -apiversion 2014-04-01
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
The command in line 01 defines a variable that stores a hash table.	○	○
The command in line 02 assigns the website to the **ContosoGroup** resource group.	○	○
The command in line 02 assigns the website to a hosting plan named **webhostingplan2**.	○	○

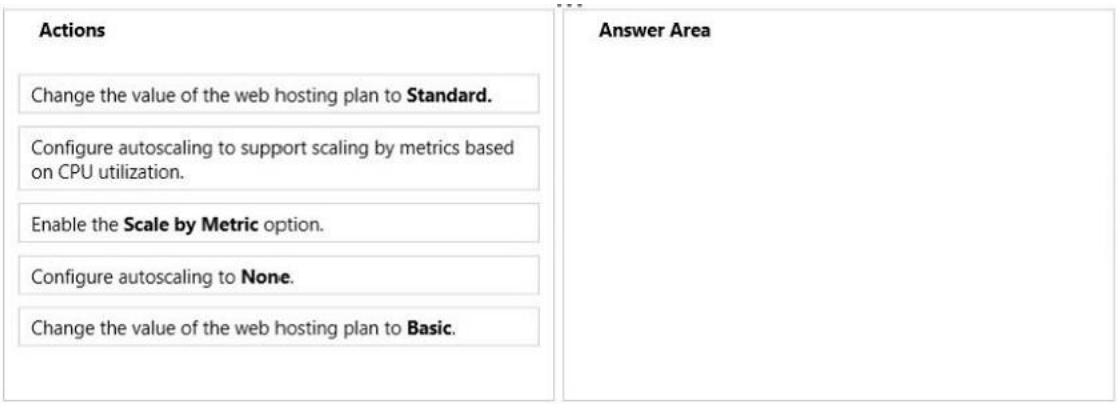
Answer:

Answer Area

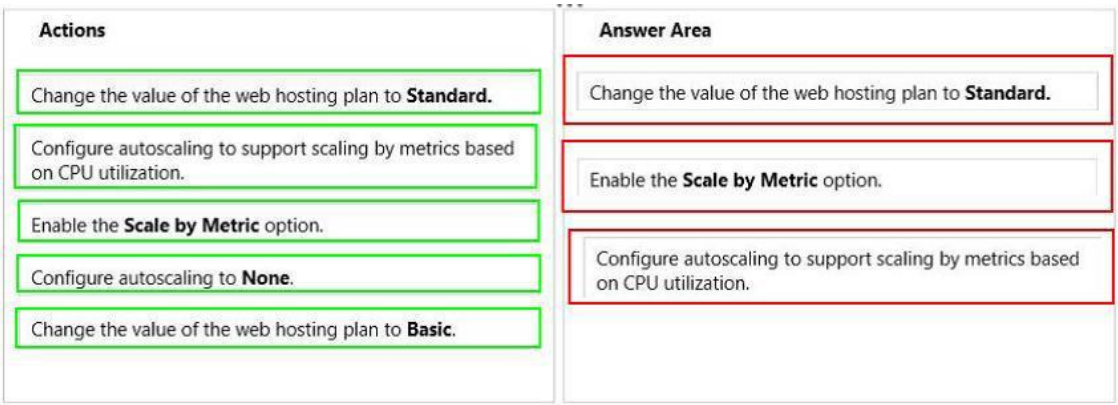
	Yes	No
The command in line 01 defines a variable that stores a hash table.	○	○
The command in line 02 assigns the website to the **ContosoGroup** resource group.	○	○
The command in line 02 assigns the website to a hosting plan named **webhostingplan2**.	○	○

8) You create a new web application by using a single Azure website deployment. The deployment uses the shared web hosting plan. User activity varies significantly and unpredictably. The application must automatically scale to a maximum of eight virtual machines based on CPU utilization. You need to configure the environment. In the Azure management portal, 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.



Answer:



Additional Notes:

	FREE Try for Free	SHARED Host Basic Apps	BASIC More Features for Dev / Test	STANDARD Go Live with Web and Mobile	PREMIUM Enterprise Scale and Integration
Web, mobile or API apps	10	100	Unlimited	Unlimited	Unlimited
Disk space	1 GB	1 GB	10 GB	50 GB	250 GB
Logic App Actions (per day) *	200	200	200	10,000	50,000
Maximum instances	–	–	**Up to 3**	**Up to 10**	**Up to 50**
Auto-Scale	–	–	–	**Supported**	**Supported**
SLA	–	–	99.95%	99.95%	99.95%

9) You have a WebJob object that runs as part of an Azure website. The WebJob object uses features from the Azure SDK for .NET. You use a well-formed but invalid storage key to create the storage account that you pass into the UploadDataToAzureStorage method. The WebJob object contains the following code segment. Line numbers are included for reference only.

```
01 void UploadDataToAzureStorage(CloudStorageAccount storageAccount,
    string storageContainerName, string blobpath, string localpath)
02 {
03     var blobClient = storageAccount.CreateCloudBlobClient();
04     var container = blobClient.GetContainerReference(storageContainerName);
05     CloudBlockBlob blockBlob = container.GetBlockBlobReference(blobpath);
06     blockBlob.UploadFromFile(localpath, FileMode.Open);
07 }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

a) If the storage container does not already exist when the code runs, a file can still be uploaded successfully.

○ Yes ○ No

b) If a transient fault occurs when the code segment on line 06 runs, the Azure SDK will attempt to upload the file again.

○ Yes ○ No

c) The code segment at line 06 will fail when the code runs.

○ Yes ○ No

Answers: **a) No, b) Yes, c) Yes**

10) You are migrating an existing solution to Azure. The solution includes a user interface tier and a database tier. The user interface tier runs on multiple virtual machines (VMs). The user interface tier has a website that uses Node.js. The user interface tier has a background process that uses Python. This background process runs as a scheduled job. The user interface tier is updated frequently. The database tier uses a self-hosted MySQL database.

The user interface tier requires up to 25 CPU cores. You must be able to revert the user interface tier to a previous version if updates to the website cause technical problems. The database requires up to 50 GB of memory. The database must run in a single VM. You need to deploy the solution to Azure.

What should you do first?

A. Deploy the entire solution to an Azure website. Use a web job that runs continuously to host the database.
B. Deploy the database to a VM that runs Windows Server on the Standard tier.
C. Deploy the entire solution to an Azure website. Run the database by using the Azure data management services.
D. Deploy the user interface tier to a VM. Use multiple availability sets to continuously deploy updates from Microsoft Visual Studio Online.

Answer: C

11) You plan to migrate a website named Contoso from one hosting plan to another hosting plan. The website is currently in a hosting plan named webhostingplan1. You create a resource group named ContosoGroup. You create the following PowerShell script by using the Azure PowerShell tools. Line numbers are included for reference only.

```
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02 Set-AzureResource -name Contoso -ResourceGroupName ContosoGroup -ResourceType Microsoft.Web/sites `
    -apiversion 2014-04-01 -PropertyObject $webhostingplan
03 Get-AzureResource -name Contoso -ResourceGroupName ContosoGroup -ResourceType Microsoft.Web/sites `
    -apiversion 2014-04-01
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

	Yes	No
The command in line 01 defines a variable that stores a hash table.	○	○
The command in line 02 assigns the website to the **ContosoGroup** resource group.	○	○
The command in line 02 assigns the website to a hosting plan named **webhostingplan2**.	○	○

Answer:

Answer Area

	Yes	No
The command in line 01 defines a variable that stores a hash table.	◉	○
The command in line 02 assigns the website to the **ContosoGroup** resource group.	○	◉
The command in line 02 assigns the website to a hosting plan named **webhostingplan2**.	◉	○

Additional notes: https://blogs.msdn.microsoft.com/shad_phillips/2014/11/06/changing-azure-hosting-plans-with-powershell/