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Question 1**Unattempted**

Domain : Other

A company wants to deploy small pieces of code onto Azure. They want to cut the costs for hosting the code. Which of the following could they consider for hosting the code?

- A. Azure Virtual Machines
- B. Azure Batch service
- C. Azure Functions 
- D. Azure Logic Apps

Explanation:

Answer – C

You can use Azure functions to save costs if you want to run small pieces of code.

The Microsoft documentation mentions the following.

An introduction to Azure Functions

10/03/2017 • 4 minutes to read •  +15

Azure Functions is a solution for easily running small pieces of code, or "functions," in the cloud. You can write just the code you need for the problem at hand, without worrying about a whole application or the infrastructure to run it. Functions can make development even more productive, and you can use your development language of choice, such as C#, Java, JavaScript, PowerShell, and Python. Pay only for the time your code runs and trust Azure to scale as needed. Azure Functions lets you develop [serverless](#) applications on Microsoft Azure.

Options A and B are incorrect since these are not cost-effective options.

Option D is incorrect since this is used to create workflows.

For more information on Azure Functions, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

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Question 2

Unattempted

Domain : Other

You want to deploy a virtual machine scale set to Azure. Could you deploy the scale set using the Azure command-line interface?

A. Yes 






B. No

Explanation:

Answer – A

The Microsoft documentation also has a quick start section on how this can be achieved.

Quickstart: Create a virtual machine scale set with the Azure CLI

03/27/2018 • 4 minutes to read •     

A virtual machine scale set allows you to deploy and manage a set of identical, auto-scaling virtual machines. You can scale the number of VMs in the scale set manually, or define rules to autoscale based on resource usage like CPU, memory demand, or network traffic. An Azure load balancer then distributes traffic to the VM instances in the scale set. In this quickstart, you create a virtual machine scale set and deploy a sample application with the Azure CLI.

If you don't have an Azure subscription, create a [free account](#) before you begin.

Use Azure Cloud Shell

Azure hosts Azure Cloud Shell, an interactive shell environment that you can use through your browser. Cloud Shell lets you use either `bash` or `PowerShell` to work with Azure services. You can use the Cloud Shell pre-installed commands to run the code in this article without having to install anything on your local environment.

For more information on using the Azure command-line interface to create virtual machine scale sets, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/quick-create-cli>


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Domain : Other

A company is planning to set a Microservices based application onto Azure. They want to use a service that could be used to orchestrate the deployment of container-based applications. Which of the following could be used for this purpose?

- A. Azure Functions
- B. Azure Kubernetes 
- C. Azure Logic Apps
- D. Azure SQL Database

Explanation:

Answer – B

You can use Azure Kubernetes to deploy and maintain Microservices based applications.

The Microsoft documentation mentions the following.

What is Kubernetes?

Kubernetes is a rapidly evolving platform that manages container-based applications and their associated networking and storage components. The focus is on the application workloads, not the underlying infrastructure components. Kubernetes provides a declarative approach to deployments, backed by a robust set of APIs for management operations.

You can build and run modern, portable, microservices-based applications that benefit from Kubernetes orchestrating and managing the availability of those application components. Kubernetes supports both stateless and stateful applications as teams progress through the adoption of microservices-based applications.

Since this is clear from the documentation, all other options are incorrect.

For more information on Azure Kubernetes workloads, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/aks/concepts-clusters-workloads>

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Question 4

Unattempted

Domain : Other

A company has just set up an Azure subscription and an Azure tenant. The company is exploring the different compute options available in Azure. Which of the following is NOT a compute option available in Azure?

- A. Azure Container Instances
- B. Azure Functions
- C. Azure SQL database ✓
- D. Azure App Service

Explanation:

Answer – C

Below is the list of compute options available in Azure as given in the Microsoft documentation. Azure SQL database is not part of the list.

Azure compute options

Here are the main compute options currently available in Azure:

- **Virtual Machines** are an IaaS service, allowing you to deploy and manage VMs inside a virtual network (VNet).
- **App Service** is a managed PaaS offering for hosting web apps, mobile app back ends, RESTful APIs, or automated business processes.
- **Service Fabric** is a distributed systems platform that can run in many environments, including Azure or on premises. Service Fabric is an orchestrator of microservices across a cluster of machines.
- **Azure Kubernetes Service** manages a hosted Kubernetes service for running containerized applications.
- **Azure Container Instances** offer the fastest and simplest way to run a container in Azure, without having to provision any virtual machines and without having to adopt a higher-level service.
- **Azure Functions** is a managed FaaS service.
- **Azure Batch** is a managed service for running large-scale parallel and high-performance computing (HPC) applications.
- **Cloud Services** is a managed service for running cloud applications. It uses a PaaS hosting model.

Since the question asks for a NOT option - Options A, B and D are INCORRECT because they appear in the list above.

For more information on Azure Compute options, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/architecture/guide/technology-choices/compute-overview>

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[View Queries](#)[open](#) **Question 5****Incorrect**

Domain : Other

Which of the following service allows for events generated from Azure resources to be sent to applications?

- A. Azure Event Hubs
- ✓ B. Azure Notification Hubs 
- C. Azure Event Grid 
- D. Azure Logic Apps


Explanation:

Answer – C

This can be accomplished with the help of the Azure Event Grid service.

The Microsoft documentation mentions the following.

What is Azure Event Grid?

05/25/2019 • 4 minutes to read •  +3

Azure Event Grid allows you to easily build applications with event-based architectures. First, select the Azure resource you would like to subscribe to, and then give the event handler or WebHook endpoint to send the event to. Event Grid has built-in support for events coming from Azure services, like storage blobs and resource groups. Event Grid also has support for your own events, using custom topics.

Since this is clear from the documentation, all other options are incorrect.

For more information on the Azure Event Grid service, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/event-grid/overview>

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