



Quiz review

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| Started on | Saturday, 4 May 2024, 7:39 PM |
| State | Finished |
| Completed on | Saturday, 4 May 2024, 7:45 PM |
| Time taken | 6 mins 24 secs |
| Marks | 9.00/10.00 |
| Grade | 90.00 out of 100.00 |
| Feedback | Congratulations!!! You have passed by securing more than 70% |

Question 1

Incorrect

Mark 0.00 out of 1.00

Which Azure service is suitable for running a scalable and highly available application in a fully managed compute environment?

Select one:

- ☒ Azure Kubernetes Service ❌
- ☐ Azure Container Instances
- ☐ Azure Virtual Machines
- ☐ Azure App Service

The correct answer is: Azure App Service

Question 2

Correct

Mark 1.00 out of 1.00

What is the purpose of Azure Virtual Desktop?

Select one:

- ☒ Hosting virtual desktops and applications in the cloud ✔️
- ☐ Running virtual networks in the cloud
- ☐ A service for managing virtual machines
- ☐ A tool for managing Azure Active Directory

The correct answer is: Hosting virtual desktops and applications in the cloud



Question 3

Correct

Mark 1.00 out of 1.00

Which of the following is not a type of Azure Virtual Machine?

Select one:

- ☒ Network Optimized ✓
- ☐ General Purpose
- ☐ Memory Optimized
- ☐ Graphics Optimized

The correct answer is: Network Optimized

Question 4

Correct

Mark 1.00 out of 1.00

What is Azure Container Instances (ACI)?

Select one:

- ☐ A service for managing virtual machines
- ☐ A tool for monitoring network traffic in Azure
- ☒ A platform for deploying and managing containers without managing the underlying infrastructure ✓
- ☐ An Azure database service

The correct answer is: A platform for deploying and managing containers without managing the underlying infrastructure

Question 5

Correct

Mark 1.00 out of 1.00

Azure Container Instances are best suited for:

Select one:

- ☐ Database management
- ☒ Short-lived and burstable applications ✓
- ☐ Long-running, stateful applications
- ☐ Machine learning workloads

The correct answer is: Short-lived and burstable applications



Question 6

Correct

Mark 1.00 out of 1.00

What is a Virtual Machine (VM) in Azure?

Select one:

- ☒ An abstraction of physical hardware, allowing multiple operating systems to run on a single physical machine ✓
- ☐ A type of cloud storage in Azure
- ☐ A database service in Azure
- ☐ A physical server in the Azure datacenter

The correct answer is: An abstraction of physical hardware, allowing multiple operating systems to run on a single physical machine

Question 7

Correct

Mark 1.00 out of 1.00

What is Azure App Service primarily used for?

Select one:

- ☐ Managing containerized applications
- ☐ Running virtual machines
- ☒ Building, deploying, and scaling web apps ✓
- ☐ Running virtual machines

The correct answer is: Building, deploying, and scaling web apps

Question 8

Correct

Mark 1.00 out of 1.00

In Azure, which service is designed for hosting web apps and APIs without managing the underlying infrastructure?

Select one:

- ☒ Azure App Service ✓
- ☐ Azure Container Instances
- ☐ Azure Virtual Machines
- ☐ Azure Kubernetes Service

The correct answer is: Azure App Service



Question 9

Correct

Mark 1.00 out of 1.00

What is the primary benefit of using Azure Kubernetes Service (AKS) for container orchestration?

Select one:

- ☐ Database scaling and optimization
- ☐ Real-time analytics and monitoring
- ☒ Simplified deployment and management of containers ✓
- ☐ Virtual machine orchestration

The correct answer is: Simplified deployment and management of containers

Question 10

Correct

Mark 1.00 out of 1.00

What is Azure Kubernetes Service (AKS)?

Select one:

- ☐ An Azure database service
- ☐ A tool for monitoring network traffic in Azure
- ☐ A service for managing virtual machines
- ☒ A managed Kubernetes service for deploying, managing, and scaling containerized applications ✓

The correct answer is: A managed Kubernetes service for deploying, managing, and scaling containerized applications

◀ Architectural Components - PostQuiz

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Azure Compute Services ►

