# Azure Container Services Quiz – Scenario-Based (10 Questions)

1. **You need to deploy a single containerized application quickly without managing infrastructure. Which Azure service should you use?**

a. Azure Kubernetes Service (AKS)

b. Azure Container Registry (ACR)

c. Azure Container Instances (ACI)

d. Azure Container Apps (ACA)

1. **Your team wants to deploy microservices with built-in scaling and revision management. Which service is most suitable?**

a. Azure Container Instances (ACI)

b. Azure Container Apps (ACA)

c. Azure Container Registry (ACR)

d. Azure Kubernetes Service (AKS)

1. **You need a private repository to store and manage container images. What should you use?**

a. Azure Container Apps

b. Azure Container Registry

c. Azure Kubernetes Service

d. Azure Blob Storage

1. **You want to orchestrate containers with advanced networking and scaling features. Which service should you choose?**

a. Azure Container Registry

b. Azure Container Instances

c. Azure Kubernetes Service

d. Azure Container Apps

1. **Your application requires event-driven scaling and integration with Dapr (Distributed application runtime). Which Azure service supports this?**

a. Azure Container Registry

b. Azure Container Apps

c. Azure Kubernetes Service

d. Azure Container Instances

1. 6. **You need to run a container for a short-lived task such as data processing. Which service is ideal?**

a. Azure Container Apps

b. Azure Kubernetes Service

c. Azure Container Instances

d. Azure Functions

1. **You want to deploy a containerized app with zero infrastructure management and automatic HTTPS. What should you use?**

a. Azure Container Registry

b. Azure Container Apps

c. Azure Kubernetes Service

d. Azure Container Instances

1. **Your team needs to manage container images and scan them for vulnerabilities. Which Azure service provides this?**

a. Azure Container Registry

b. Azure Container Apps

c. Azure Kubernetes Service

d. Azure Monitor

1. **You want to deploy a containerized app that scales based on HTTP traffic. Which service should you use?**

a. Azure Container Instances

b. Azure Container Registry

c. Azure Container Apps

d. Azure Kubernetes Service

1. **You need to deploy a multi-container application with persistent storage and custom networking. Which service is best?**

a. Azure Container Apps

b. Azure Container Registry

c. Azure Kubernetes Service

d. Azure Container Instances

## Answer Key

1. c

2. b

3. b

4. c

5. b

6. c

7. b

8. a

9. c

10. c