



QUIZ





Q1. What is a Pod in Kubernetes?

A. The smallest deployable unit containing one or more containers

B. A VM

C. A cluster

D. A node



Q2. Which of the following is a Master component?

- A. kubelet**
- B. API Server**
- C. Pod**
- D. Container runtime**



Q3. To pull an image from DockerHub into Kubernetes, which spec is used?

A. docker_image:

B. registry:

C. image:

D. container_source:





Q4. If a node dies, how does Kubernetes maintain high availability for pods?

- A. It reboots the node**
- B. It reassigns pods to another node**
- C. It clears cache memory**
- D. It kills other pods to free space**





Q5. What is the default driver for Minikube on Docker Desktop?

- A. VirtualBox
- B. Hyper-V
- C. Docker
- D. VMWare





Q6.Which command starts a Minikube cluster using Docker?

A. minikube deploy docker

B. docker run minikube

C. kubectl up

D. minikube start --driver=docker



Q7.How do you enable dashboards in Minikube?

- A. minikube view ui
- B. kubectl dashboard
- C. minikube dashboard
- D. minikube service ui



Q8. How can you expose your model to a fixed NodePort like 30001?

- A. kubectl expose deployment myapp**
- B. Add nodePort: 30001 in Service spec**
- C. Use docker-compose expose**
- D. Port-forward with kubectl expose**



Q9. Which Kubernetes component is responsible for assigning pods to nodes?

- A. Kubelet**
- B. API Server**
- C. Controller Manager**
- D. Scheduler**





Q10. How do you expose a service and open a browser window to access it in Minikube?

- A. minikube access service <service-name>**
- B. minikube tunnel expose**
- C. minikube service <service-name>**
- D. kubectl run --ui**