

Kubernetes MCQ Questions

Q1. What is the basic operational unit of Kubernetes?

- A. Pod**
- B. Task
- C. Nodes
- D. None of the above

Q2. can be considered as the primary data store of Kubernetes.

- A. pod
- B. etcd**
- C. node
- D. All of the above**

Q3. Which of the following runs on each node and ensures containers are running in a pod?

- A. Pod
- B. Etcd
- C. Kubelet**
- D. All of the Above

Q4. Replication Controllers and Deployment Controllers are part of which of the followings?

- A. Kubeadm
- B. API Controller Manager
- C. Master Controller Manager**
- D. None of the above

Q5. Who developed Kubernetes?

- A. Google**
- B. Apple Inc.
- C. IBM
- D. Microsoft

Q6. Kubernetes is a platform.

- A. Portable
- B. Extensible
- C. Open-source
- D. All of the Above**

Q7. The latest version of Kubernetes is

- A. 2.0
- B. 1.19
- C. 1.20**
- D. None of the above

Q8. A node is a in kubernetes.

- A. developing tool
- B. worker machine**
- C. local machine
- D. None of the above

Q9. can you deploy on Kubernetes.

- A. Containers**
- B. Virtual machines
- C. System processes
- D. None of the above

Q10. Which of the following manages the assigning nodes to pods depending on resource availability?

- A. Etcd
- B. Kubectl
- C. Scheduler**
- D. None of the above

Q11. Kubernetes is written in programming language.

- A. Go**
- B. Html
- C. Php
- D. Python

Q12. To create a new deployment in kubernetes, use the command

- A. Kubectl run**
- B. Kubernetes get deployment
- C. Kubernetes set deployment
- D. None of the above

Q13. command is used to create kubernetes service.

- A. Kubectl run
- B. Kubectl deploy
- C. Kubectl expose**
- D. None of the above

Q14. What are the main components of Kubernetes?

- A. Scheduler
- B. API server
- C. Controller manager
- D. All of the Above**

Q15. What is the use of Google Kubernetes Engine?

- A. Resize application controllers
- B. Debug container clusters
- C. Update and upgrade container clusters
- D. All of the Above**

Q16. Cronjobs in kubernetes run in

- A. UTC only**
- B. GMT only
- C. Local time zone
- D. None of the above

Q17. are the Kubernetes controllers.

- A. Deployment
- B. Replicaset
- C. Both Deployment & Replicaset**
- D. None of the above

Q18. Is Google Kubernetes engine free?

- A. Yes
- B. No**

Q19. Google kubernetes comes under which of the following services?

- A. ClusterIP
- B. NodePort & Headless
- C. LoadBalancer
- D. All of the Above**

Q20. The different services within Kubernetes are _____.

- A. Cluster IP service
- B. Node Port service
- C. Load Balancer service
- D. All of the above**

Q21. In Kubernetes PVC stands for _____.

- A. Present Volume Claim
- B. Persistent Volume Claim**
- C. Persistent Volume Class
- D. None of the above

Q22. The docker Swarm is a clustering and scheduling tool for the Docker containers. True or False?

- A. True**
- B. False

Q23. _____ is a public cloud application development and hosting platform developed by Red Hat.

- A. CloseShift

- B. OpenClassShift
- C. OpenShift**
- D. None of the above

Q24. _____ are the types of Kubernetes pods.

- A. Single Container Pod
- B. Diublecontainer pods
- C. Multicontainer pods
- D. Both A and C**

Q25. A _____ set is used to keep replica pods stable.

- A. Replication
- B. Replica**
- C. Both A and B
- D. None of the above

Q26. _____ are the tools that are used for container monitoring.

- A. cAdvisor
- B. InfluxDB
- C. Heapster
- D. All of the above**

Q27. Namespaces are used for dividing cluster resources between multiple users. True or False?

- A. True**
- B. False

Q28. _____ is the platform using which you can pass commands to the cluster.

- A. Minikube
- B. Kubectl**
- C. Kubelet
- D. None of the above

Q29. GKE stands for _____.

- A. Google Cluster Engine
- B. Google Kubernetes Engine

C. Google Container Engine

D. None of the above

Q30. Heapster is a cluster-wide aggregator of data provided by Kubelet running on each node. True/False?

A. True

B. False

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