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Kubernetes Interview Questions

1. What is Kubernetes ?

Ans:

2. What is the Kubernetes architecture explain in detail?

Ans:

3. What is etcd ?

Ans:

4. What is master & minion/worker/slave ?

Ans:

5. What is Replication controller & what it does ?

Ans:

6. What is the difference between the replication controller and a replica set?

Ans:

7. What is Daemon set ?

Ans:

8. Difference between Kubernetes & Docker Swarm ?

Ans:

9. How can you rollback the previous version of application in Kubernetes?

Ans:

10. Difference between nodeport, clusterIP, load balancer & ingress ?

Ans:

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11. What is ingress ?

Ans:

12. What is kubect! & kubelet ?

Ans:

13. What is the use of Kube-controller manager ?

Ans:

14. What is pod ?

Ans:

15. How many containers can run in a pod ?

Ans:

16. How many containers can be launched in a node ?

Ans:

17. What is the role of Kube-Scheduler ?

Ans:

18. How the 2 pods communicate with each other ?

Ans:

19. How 2 containers inside a pod communicate with each other ?

Ans:

20. What are the namespaces in Kubernetes?

Ans:

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21. What all possible networks available for Kubernetes?

Ans:

22. What does Config Map do in Kubernetes?

Ans:

23. What is Config Secrets in Kubernetes?

Ans:

24. How do you allocate the resources for a Kubernetes PODS?

Ans:

25. How does the persistent volume works in Kubernetes?

Ans:

26. What is Deployment ?

Ans:

27. How many deployment strategies are there in Kubernetes?

Ans:

28. What is Persistent volume and Persistent Volume Claim?

Ans:

29. What is HPA (Horizontal Pod Autoscaler) & It's Advantages?

Ans:

30. Which Monitoring tool you used to Monitor Kubernetes Cluster?

Ans:

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31. What is Prometheus and Grafana ?

Ans:

32. What is GKE,EKS,AKS & What are the advantages with these compared to self-managed cluster?

33. How do you secure Kubernetes Cluster?

Ans:

34. What is RBAC in Kubernetes?

Ans:

35. How to make quorum of cluster?

Ans:

