

TEST YOUR KUBERNETES KNOWLEDGE







Are you familiar with kubernetes, if yes what is kubernetes?

Enter your response here		





Are you familiar with docker-compose if yes what the main difference between docker-compose and kubernetes?

Enter your response here





What does mean by container orchestration?





According to you what are the major parts of kubernetes





Where you work right now, do you administer k8s or do you consume k8s

Enter your response here			





What is the cloud provider that you guys use at EK TECH SOLUTION to mamage your cluster?

Enter your response here		





How many clusters do you have a EK TECH SOLUTION and how are they used?





What are the main components k8s master and what is their functionality

Enter your response here		





What will happen if etcd is full?





What will happen if API server start misbehaving.

















What will happen if API server start misbehaving.









What is kubectl use for





What is the cluster?

Enter your response here		





What will happen if API server start misbehaving.





What is the smallest elements of the cluster.

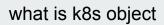
Enter your response here		





where are the Kubernetes credentials stored and how it is called







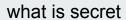




what is configmap

Enter your response here		







Enter	your	response	here
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what is the difference and similarity between configmap and secret







Ent	er	your	response	e here
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how do you seal a secret in k8s





how do you manage secret in k8s





how do you make sure a copy of a pod runs on every node





how do you manage task in k8s





how do you make sure you always have a sceptic number of pod in k8s





what is service in k8s and how do you secure your service in k8s





what are the difference type of service in k8s





what is the difference between Kubernetes loadbalancer and ingress

Enter your response here		





if your service is type loadbalancer how will you access your application





what is a node in k8s

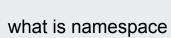
Enter your response here		





how do you manage multiple applications in k8s











what is liveness and readiness probe and what is the difference between them

Enter your response here		





can you talk about volume in k8s

Enter your response here		





what is the difference between pv and pvc





what is the difference betwen hostpath and emptydir







Enter	your	response	here
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what is the defference betwen deployment and statefulset

Enter your response here			





what is stateful application

Enter your response here		





what is the difference between port, targetport and containerport in k8s

Enter your response here		







Enter	vour	respo	onse	here





what is the pod structure

Enter your response here		





can you talk about pod lifecycle

Enter your response here		





can you talk about permission in k8s

Enter your response here		





what is an init container





what is a sidercar container





Are you familiar with k8s manifest structure

Enter your response here		





What is the selector in k8s

Enter your response here		





how do you manage autoscaling in k8s





How can you make sure a pod get deploy only on a specific node





How do you make sure no po get schedule on a node





are you familiar with affinity in k8s





can you talk about pod and container security in k8s





how do you secure a k8s cluster





how do you secure an application k8s





what is your troubleshooting pattern in k8s

Enter your response here		





what type of deployment strategy do you use and can you talk about other k8s deployment strategy you know

Enter your response here		





how will you make sure k8s always use the image available on your repository at each deployment

Enter your response here		





can you please talk about kubernetes Imagepull policy





how useful are kubernetes imagepull secret

Enter your response here		





can you talk about kubernetes network policy

Enter your response here	





can you talk anout kubernetes pod and container security context

Enter your response here		





what is the difference between volumeMount and volume in kubernetes





overall, how will you rate your experience in k8s





how many cluster do you have in your current company ?





What is orchestration when it comes to software and DevOps?





How are Kubernetes and Docker related?





What is the difference between deploying applications on hosts and containers?





What is an HA cluster?





Why do we need container orchestration?





List the features of Kubernetes.





Which element in Kubernetes keeps track of resource utilization?





List the different types of controllers in Kubernetes.





What is etcd cluster?





Do you know what container resource monitoring is?





What is the init container?

Enter your response here		





List some container resource monitoring tools.





How do you monitor applications in Kubernetes?





What do you know about federated clusters?

Enter your response here		





How do you perform maintenance on the K8 node?





How can you use Kubernetes for workload distribution optimization?





What is contained in node status?





What is kube-system namespace?

Enter your response here			





What do you know about Ingress network? And how does it work?

Enter your response here		





How do containers in a pod communicate?





Explain Kubernetes RBAC.





Can you list some reasons why DaemonSets are used?





What tools will you use for container orchestration?





Can you list some of the objects of Kubernetes?





What is the purpose of Operators in k8s?





Can you tell me some Kubectl commands?





Why is the Kube-apiserver used?





What you will do to upgrade a Kubernetes cluster?





Explain the two types of Kubernetes pods.





