




DEVOPS EASY LEARNING



TEST YOUR KUBERNETES KNOWLEDGE

500 to win





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?



Enter your response here





According to you what are the major parts of kubernetes



Enter your response here





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 manage your cluster?



Enter your response here





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



Enter your response here





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



Enter your response here





What will happen if etcd is full ?



Enter your response here





What will happen if API server start misbehaving.



Enter your response here





What do we say the API server is capital in k8s



Enter your response here





What do we say the API server is capital in k8s



Enter your response here





What do we say the API server is capital in k8s



Enter your response here





What will happen if API server start misbehaving.



Enter your response here





What do we say the API server is capital in k8s



Enter your response here





What is kubectl use for



Enter your response here





What is the cluster ?



Enter your response here





What will happen if API server start misbehaving.



Enter your response here





What is the smallest elements of the cluster.



Enter your response here





where are the Kubernetes credentials stored and how it is called



Enter your response here





what is k8s object



Enter your response here





what is configmap



Enter your response here





what is secret



Enter your response here





what is the difference and similarity between configmap and secret



Enter your response here





what is seal secret



Enter your response here





how do you seal a secret in k8s



Enter your response here





how do you manage secret in k8s



Enter your response here





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



Enter your response here





how do you manage task in k8s



Enter your response here





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



Enter your response here





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



Enter your response here





what are the difference type of service in k8s



Enter your response here





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



Enter your response here





what is a node in k8s



Enter your response here





how do you manage multiple applications in k8s



Enter your response here





what is namespace



Enter your response here





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



Enter your response here





what is the difference between hostpath and emptydir



Enter your response here





what is deamonset



Enter your response here





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





what is a pod



Enter your response 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



Enter your response here





what is a sidercar container



Enter your response here





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



Enter your response here





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



Enter your response here





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



Enter your response here





are you familiar with affinity in k8s



Enter your response here





can you talk about pod and container security in k8s



Enter your response here





how do you secure a k8s cluster



Enter your response here





how do you secure an application k8s



Enter your response here





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



Enter your response here





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



Enter your response here





overall, how will you rate your experience in k8s



Enter your response here





how many cluster do you have in your current company ?



Enter your response here





What is orchestration when it comes to software and DevOps?



Enter your response here





How are Kubernetes and Docker related?



Enter your response here





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



Enter your response here





What is an HA cluster ?



Enter your response here





Why do we need container orchestration?



Enter your response here





List the features of Kubernetes.



Enter your response here





Which element in Kubernetes keeps track of resource utilization?



Enter your response here





List the different types of controllers in Kubernetes.



Enter your response here





What is etcd cluster ?



Enter your response here





Do you know what container resource monitoring is?



Enter your response here





What is the init container?



Enter your response here





List some container resource monitoring tools.



Enter your response here





How do you monitor applications in Kubernetes?



Enter your response here





What do you know about federated clusters?



Enter your response here





How do you perform maintenance on the K8 node?



Enter your response here





How can you use Kubernetes for workload distribution optimization?



Enter your response here





What is contained in node status?



Enter your response here





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?



Enter your response here





Explain Kubernetes RBAC.



Enter your response here





Can you list some reasons why DaemonSets are used?



Enter your response here





What tools will you use for container orchestration?



Enter your response here





Can you list some of the objects of Kubernetes?



Enter your response here





What is the purpose of Operators in k8s ?



Enter your response here





Can you tell me some Kubectl commands?



Enter your response here





Why is the Kube-apiserver used?



Enter your response here





What you will do to upgrade a Kubernetes cluster?



Enter your response here





Explain the two types of Kubernetes pods.



Enter your response here





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