Day64_	_Kubernetes_	_Flow_	Quiz:	Attempt	review

	Monday, 2 June 2025, 5:17 PM
State	Finished
Completed on	Monday, 2 June 2025, 5:21 PM
Time taken	3 mins 31 secs
Marks	14.00/15.00
Grade	93.33 out of 100.00
Question 1	
Complete	
Mark 1.00 out of 1.00	
Which component ve	erifies authentication and authorization of kubectl commands?
a. scheduler	
○ b. controller-m	anager
c. kube-proxy	
d. kube-apisen	
u. kube-apisen	vei
Question 2	
_	
Complete	
Mark 1.00 out of 1.00	
Which Kubernetes co	emponent is solely responsible for all REST API interactions within the cluster?
a. kubelet	
Ob. etcd	
c. controller-m	anager
d. kube-apisen	rei
Question 3	
Complete	
Mark 1.00 out of 1.00	
Which component is	responsible for assigning Pods to nodes?
a. controller-m	anager
ob. kubelet	
c. scheduler	
d. kube-proxy	

Question 4	
Complete	
Mark 1.00 out of 1.00	
Which component writes and persists the desired state of a Pod?	
○ a. kube-apiserver	
O b. kubelet	
c. etcd	
Od. scheduler	
Question 5	
Complete Mark 100 part of 100	
Mark 1.00 out of 1.00	
What is the role of the kube-proxy?	
a. Encrypting etcd	
b. Launching containers	
c. Managing network rules and forwarding traffic	
d. Scheduling Pods	
d. Schedding Pods	
Question 6	
Complete	
Mark 1.00 out of 1.00	
What type of requests does kubectl generate to the API server?	
a. WebSockets	
a. WebSocketsb. gRPC	
a. WebSocketsb. gRPCc. DNS	
a. WebSocketsb. gRPC	
a. WebSocketsb. gRPCc. DNS	
a. WebSocketsb. gRPCc. DNS	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API 	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API 	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API Question 7 Complete	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API Question 7 Complete	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API Question 7 Complete Mark 1.00 out of 1.00	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API Question 7 Complete Mark 1.00 out of 1.00 What happens if the kube-apiserver becomes unavailable?	
 a. WebSockets b. gRPC c. DNS d. HTTPS REST API Question 7 Complete Mark 1.00 out of 1.00 What happens if the kube-apiserver becomes unavailable? a. kubelet stops functioning b. etcd loses data 	
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Question 8
Complete
Mark 1.00 out of 1.00
If a user deletes a Pod that is part of a Deployment, what happens?
a. Pod is gone permanently
b. Controller-manager recreates the Pod
c. API server removes ReplicaSet
○ d. Scheduler stops scheduling
Question 9
Complete
Mark 0.00 out of 1.00
In the Pod creation lifecycle, which component updates the Pod's spec.nodeName field?
○ a. etcd
○ b. scheduler
○ c. controller-manager
d. kube-apiserver
Question 10
Complete
Mark 1.00 out of 1.00
What does kubelet do when it detects a new Pod object scheduled to its node?
a. Runs admission control
○ b. Modifies the pod spec
○ c. Updates etcd
d. Pulls container image and starts the Pod
Question 11
Complete
Mark 1.00 out of 1.00
When a Deployment is created, who creates the ReplicaSet and Pods?
a. scheduler
○ b. etcd
○ c. kube-apiserver
d. controller-manager
w an armania manager

Question 12 Complete
Mark 1.00 out of 1.00
What is stored in etcd?
a. Running processes
○ b. Only logs
c. Container images
d. Desired and observed state of all objects in the cluster
Question 13
Complete
Mark 1.00 out of 1.00
How does kubelet discover which Pods to run?
O a Watches kuba provi
a. Watches kube-proxyb. Watches kube-apiserver
c. Listens to controller-manager
d. Polls etcd
Question 14
Complete Mark 1.00 out of 1.00
Walk 1.00 dat of 1.00
Which of the following would lead the scheduler to not schedule a Pod on a node?
a. Pod is already running
b. Pod has nodeSelector not matching any node
b. Pod has nodeSelector not matching any nodec. Node is tainted with tolerations
c. Node is tainted with tolerations
c. Node is tainted with tolerationsd. Pod is in CrashLoopBackOff
 c. Node is tainted with tolerations d. Pod is in CrashLoopBackOff Question 15
c. Node is tainted with tolerationsd. Pod is in CrashLoopBackOff
 c. Node is tainted with tolerations d. Pod is in CrashLoopBackOff Question 15 Complete
 c. Node is tainted with tolerations d. Pod is in CrashLoopBackOff Question 15 Complete
c. Node is tainted with tolerations d. Pod is in CrashLoopBackOff Question 15 Complete Mark 1.00 out of 1.00 Which of the following components operate on a watch-reconcile-update loop?
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