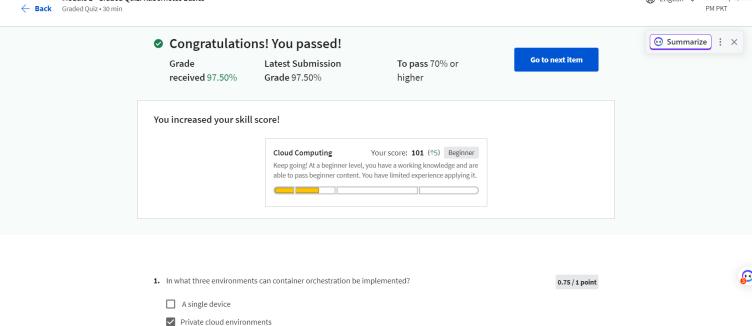
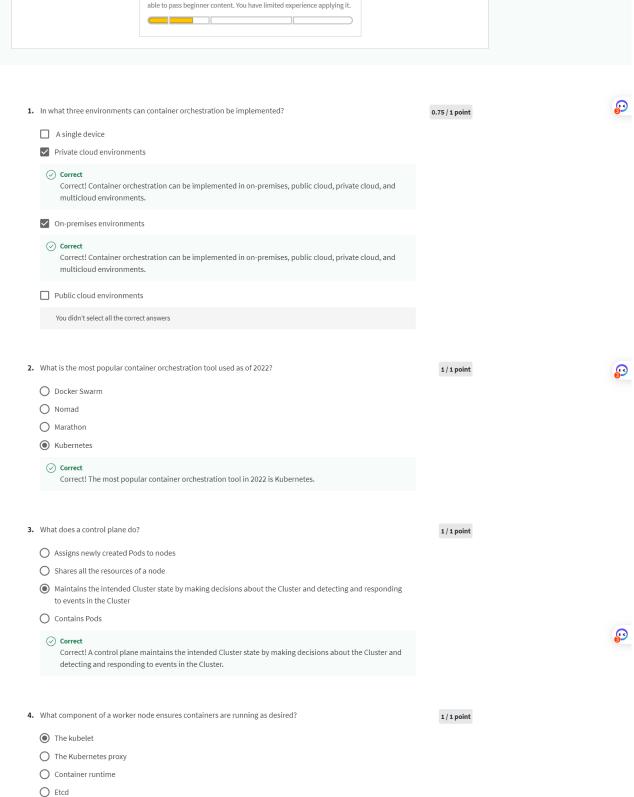
⊘ Correct





Correct! The kubelet communicates with the kube-api server to receive new and modified Pod specifications and ensures that the Pods and their associated containers are running as desired.

✓ Storage orchestration		
 ✓ Correct 		
Correct! Kubernetes offers many features, including automated rollouts, storage orchestration, and management of secrets and configuration.		
CI/CD pipelines		
✓ Automated rollouts		
Correct Correct! Kubernetes offers many features, including automated rollouts, storage orchestration, and management of secrets and configuration.		
Secret and configuration management		
 Correct Correct! Kubernetes offers many features, including automated rollouts, storage orchestration, and management of secrets and configuration. 		
What is automated bin packing?	1/1 point	
O A Kubernetes capability that scales workloads based on metrics or commands		
A Kubernetes capability that applies automatic changes		
 A Kubernetes capability that performs container auto-placement based on resource requirements and conditions without sacrificing high availability 		
A Kubernetes capability that mounts a chosen storage system		
Correct Correct! Automated bin packing is a Kubernetes feature that performs container auto-placement based on resource requirements and conditions without sacrificing high availability.		
What is a label?	1/1 point	
O A mechanism for isolating groups of resources within a single Cluster		
A key-value pair attached to an object		
O The simplest unit in Kubernetes		
 The simplest unit in Kubernetes A set of identical running Pod replicas that are horizontally scaled 		
A set of identical running Pod replicas that are horizontally scaled Correct		
A set of identical running Pod replicas that are horizontally scaled Correct	1/1 point	
A set of identical running Pod replicas that are horizontally scaled Correct Correct! Labels are defined as key-value pairs attached to objects.	1/1 point	
A set of identical running Pod replicas that are horizontally scaled Correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications?	1/1 point	
 ○ A set of identical running Pod replicas that are horizontally scaled ○ Correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? ○ DaemonSet 	1/1 point	
 ○ A set of identical running Pod replicas that are horizontally scaled ○ Correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? ○ DaemonSet ○ StatefulSet 	1/1 point	
 A set of identical running Pod replicas that are horizontally scaled ✓ Correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? DaemonSet StatefulSet Deployment 	1/1 point	
 A set of identical running Pod replicas that are horizontally scaled ✓ correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? DaemonSet StatefulSet Deployment ReplicaSet ✓ Correct 	1/1 point	
 A set of identical running Pod replicas that are horizontally scaled ✓ correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? DaemonSet StatefulSet Deployment ReplicaSet ✓ Correct 	1/1 point	
 A set of identical running Pod replicas that are horizontally scaled ✓ Correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? DaemonSet StatefulSet Deployment ReplicaSet ✓ Correct Correct Correct. A Deployment is suitable for stateless applications. 		
 A set of identical running Pod replicas that are horizontally scaled ✓ correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? DaemonSet StatefulSet Deployment ReplicaSet ✓ correct Correct A Deployment is suitable for stateless applications. What is Kubectl? 		
 A set of identical running Pod replicas that are horizontally scaled ✓ Correct Correct! Labels are defined as key-value pairs attached to objects. What Kubernetes object should be used for stateless applications? DaemonSet StatefulSet Deployment ReplicaSet ✓ Correct Correct. A Deployment is suitable for stateless applications. What is Kubectl? ⑥ Kubernetes command line interface (CLI) 		

Correct! Kubectl stands for Kube Command Tool Line. Kubectl is the Kubernetes CLI.

10. What is the function of an External Name Service?	1 / 1 point
O Directs traffic to the NodePort Service	
O Provides inter-service communication within the Cluster	
Maps to a DNS name	
O Creates and routes the incoming requests automatically to the ClusterIP Service	
Correct Correct! The External Name Service is the service type that mans to a DNS name.	