CKA Q&As

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QUESTION 1

Create a pod that echo "hello world" and then exists. Have the pod deleted automatically when it\\'s completed

Correct Answer: Check the answer in explanation.

kubectl run busybox --image=busybox -it --rm --restart=Never -- /bin/sh -c \\'echo hello world\\' kubectl get po # You shouldn\\'t see pod with the name "busybox"

QUESTION 2

Get IP address of the pod - "nginx-dev"

Correct Answer: Check the answer in explanation.

Kubect1 get po -o wide Using JsonPath kubect1 get pods -o=jsonpath=\\'{range .items[*]}{.metadata.name}{"\t"}{.status.podIP}{"\n"}{end}\\'

QUESTION 3

CORRECT TEXT

Task

Scale the deployment presentation to 6 pods.

Correct Answer: Check the answer in explanation.

kubectl get deployment kubectl scale deployment.apps/presentation --replicas=6

QUESTION 4

SIMULATION

Create a deployment spec file that will:

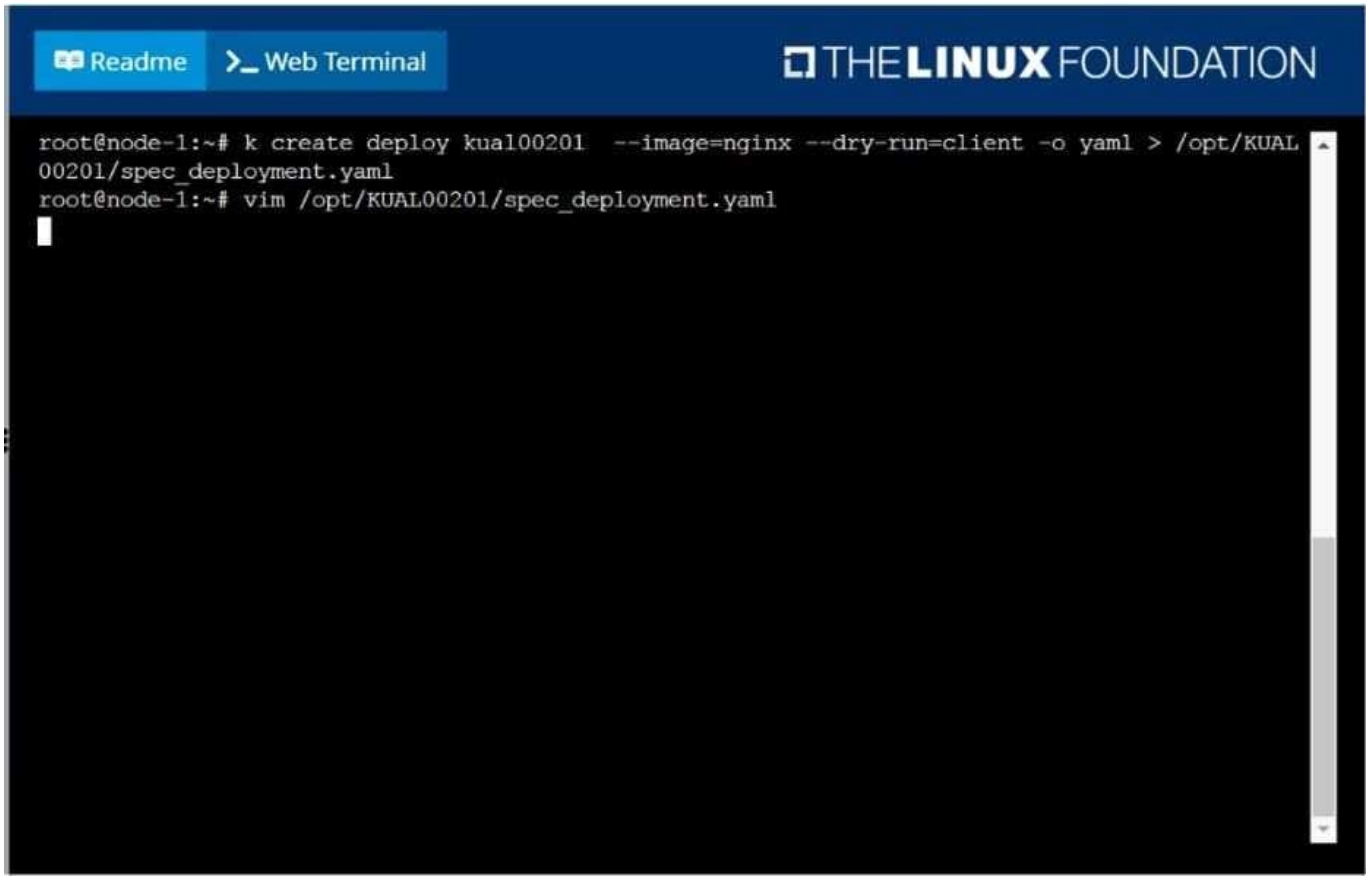
Launch 7 replicas of the nginx Image with the label app_runtime_stage=dev

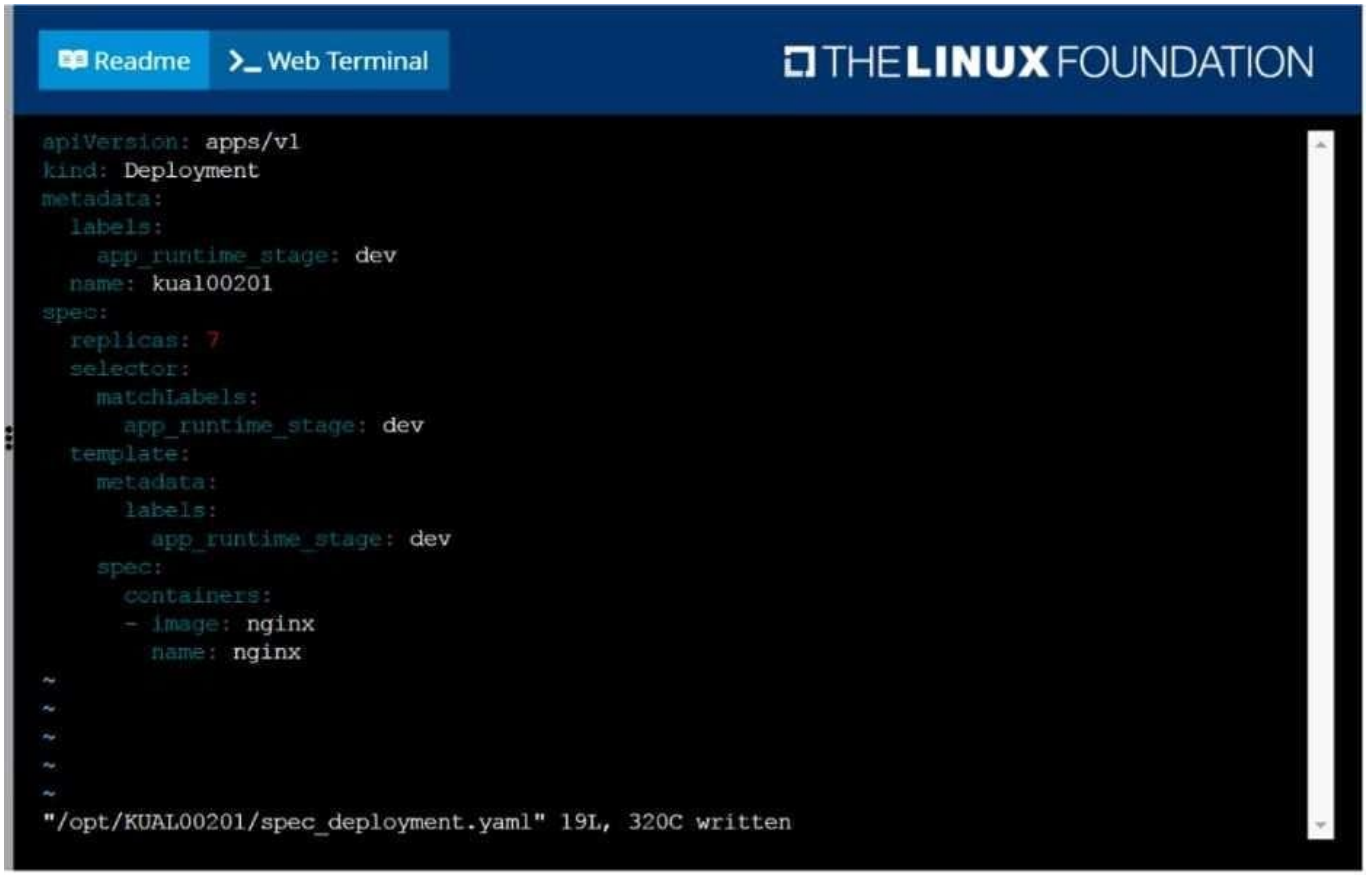
deployment name: kual00201

Save a copy of this spec file to /opt/KUAL00201/spec_deployment.yaml (or /opt/KUAL00201/spec_deployment.json).

When you are done, clean up (delete) any new Kubernetes API object that you produced during this task.

Correct Answer: Check the answer in explanation.





QUESTION 5

Create a pod with environment variables as var1=value1.Check the environment variable in pod

Correct Answer: Check the answer in explanation.

Solution

kubectl run nginx --image=nginx --restart=Never --env=var1=value1 # then kubectl exec -it nginx -- env # or kubectl exec -it nginx -- sh -c \\'echo $var1\\' # or kubectl describe po nginx | grep value1