



問題集

http://www.ktest.jp 1年で無料進級することに提供する

Exam : CKA

Title: Certified KubernetesAdministrator

Version : DEMO

1.CORRECT TEXT

Perform the following tasks:

□ Add an init container to hungry-bear (which has been defined in spec file /opt/KUCC00108/pod-spec-KUCC00108.yaml)

∞ The init container should create an empty file named/workdir/calm.txt

□ If /workdir/calm.txt is not detected, the pod should exit

○ Once the spec file has been updated with the init container definition, the pod should be created

Answer:

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root@node-1: iroot@node-1: daemonset.app root@node-1:	~# k create os/ds-kusc00	e -f ds.yar						*
NAME	DESIRED	CURRENT	READY	UP-TO-DATE	AVAILABLE	NODE SELECTOR	AGE	
ds-kusc00201	2	2	2	2	2	<none></none>	4s	
								*



2.CORRECT TEXT

Create a deployment spec file that will:

□ Launch 7 replicas of the nginx Image with the labelapp_runtime_stage=dev

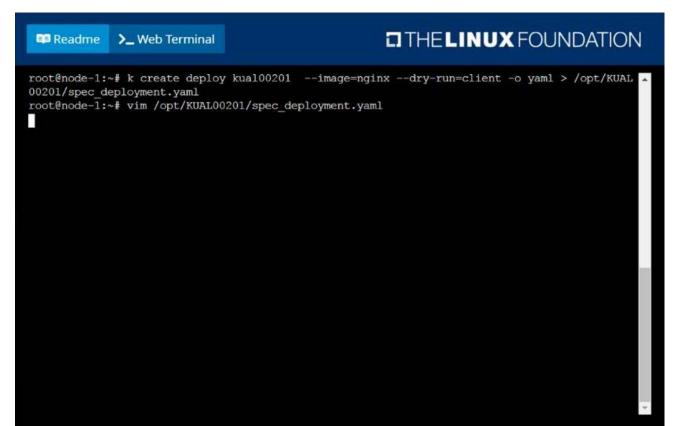
Seployment name: kual00201

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.

Answer:





3.CORRECT TEXT

From the pod label name=cpu-utilizer, find pods running high CPU workloads and write the name of the pod consuming most CPU to the file /opt/KUTR00102/KUTR00102.txt (which already exists).

Answer:



4.CORRECT TEXT Create a Kubernetes secret as follows:

⇔ Name: super-secret

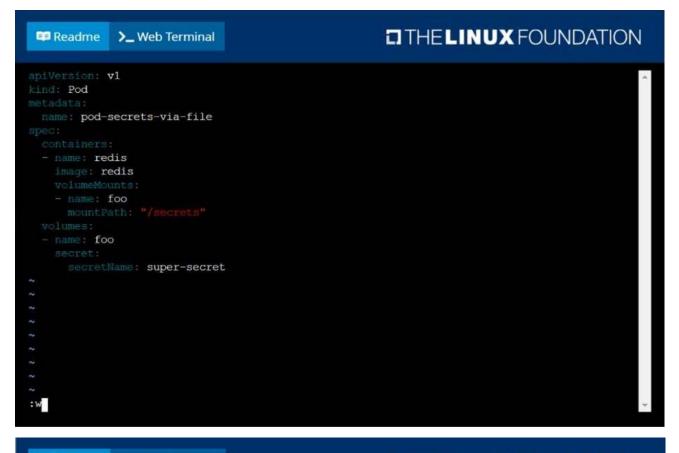
c password: bob

Create a pod named pod-secrets-via-file, using the redis Image, which mounts a secret named supersecret at /secrets.

Create a second pod named pod-secrets-via-env, using the redis Image, which exports password as CONFIDENTIAL

Answer:

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secret/super		generic super-secretfrom-literal=password=bob	



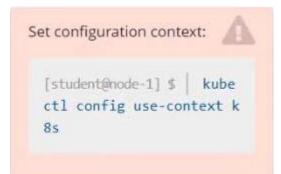
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<pre>pod/pod-secrets-via-file cr root@node-1:~# vim secret1.</pre>					
root@node-1:~# k create -f :	secret1.	yaml			
pod/pod-secrets-via-env crea	ated				
root@node-1:~# k get po					
NAME	READY	STATUS	RESTARTS	AGE	
cpu-utilizer-98b9se	1/1	Running	0	6h25m	
cpu-utilizer-ab2d3s	1/1	Running	0	6h25m	
cpu-utilizer-kipb9a	1/1	Running	0	6h25m	
ds-kusc00201-2r2k9	1/1	Running	0	40m	
ds-kusc00201-hzm9q	1/1	Running	0	40m	
foo	1/1	Running	0	6h28m	
front-end	1/1	Running	0	6h27m	
hungry-bear	1/1	Running	0	36m	
kucc8	3/3	Running	0	34m	
nginx-app-848cfcf495-9prjh	1/1	Running	0	19m	
nginx-app-848cfcf495-gl2kh	1/1	Running	0	19m	
nginx-app-848cfcf495-pg2c8	1/1	Running	0	19m	
nginx-kusc00101	1/1	Running	0	26m	
pod-secrets-via-env	1/1	Running	0	4s	
pod-secrets-via-file	1/1	Running	0	106s	
webserver-84c55967f4-gzjcv	1/1	Running	0	6h43m	
webserver-84c55967f4-t4791		Running	0	6h43m	
root@node-1:~#					

5.CORRECT TEXT Score: 7%

💷 Readme

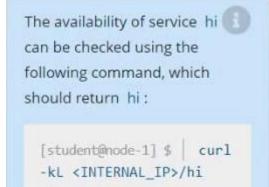
>_ Web Terminal



Task

Create a new nginx Ingress resource as follows:

- Name: ping
- Namespace: ing-internal
- Exposing service hi on path /hi using service port 5678



Answer: Solution: vi ingress.yaml # apiVersion: networking.k8s.io/v1 kind: Ingress metadata: name: ping namespace: ing-internal spec: rules: - http: paths: - path: /hi pathType: Prefix backend: service: name: hi port: number: 5678 # kubectl create -f ingress.yaml