

CKA Dumps

Certified Kubernetes Administrator (CKA) Program

<https://www.certleader.com/CKA-dumps.html>



NEW QUESTION 1

Monitor the logs of pod foo and:



Extract log lines corresponding to error unable-to-access-website
Write them to /opt/KULM00201/foo

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
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F:\Work\Data Entry Work\Data Entry\20200827\CKA\1 C.JPG

NEW QUESTION 2

Create a pod with image nginx called nginx and allow traffic on port 80

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubectlrn nginx --image=nginx --restart=Never --port=80
```

NEW QUESTION 3

Create a nginx pod with label env=test in engineering namespace

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubectl run nginx --image=nginx --restart=Never --labels=env=test --namespace=engineering --dry-run -o yaml > nginx-pod.yaml
kubectl run nginx --image=nginx --restart=Never --labels=env=test --namespace=engineering --dry-run -o yaml | kubectl create -nengineering-f ?C
YAML File: apiVersion: v1 kind: Pod metadata: name: nginx
namespace: engineering labels:
env: test spec: containers:
- name: nginx image: nginx
imagePullPolicy: IfNotPresent restartPolicy: Never
kubectl create -f nginx-pod.yaml
```

NEW QUESTION 4

Create a namespace called 'development' and a pod with image nginx called nginx on this namespace.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubectl create namespace development
kubectl run nginx --image=nginx --restart=Never -n development
```

NEW QUESTION 5

A Kubernetes worker node, namedwk8s-node-0is in stateNotReady.Investigate why this is the case, andperform any appropriate steps tobring the node to aReadystate,ensuring that any changes are madepermanent.

You cansshto the failednode using:

```
[student@node-1] $ | sshWk8s-node-0
```

You can assume elevatedprivileges on the node with thefollowing command:

```
[student@w8ks-node-0] $ |sudo ?Ci
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
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F:\Work\Data Entry Work\Data Entry\20200827\CKA\20 D.JPG

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NEW QUESTION 6

Get list of all pods in all namespaces and write it to file ??/opt/pods-list.yaml??

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

kubect! get po ?Call-namespaces > /opt/pods-list.yaml

NEW QUESTION 7

Check the image version in pod without the describe command

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

kubect! get po nginx -o jsonpath='{.spec.containers[.image]}{"\n"}'

NEW QUESTION 8

Perform the following tasks:

Add an init container tohungry-bear(which has beendefined in spec file /opt/KUCC00108/pod-spec-KUCC00108.yaml)
The init container should createan empty file named/workdir/calm.txt
If/workdir/calm.txtis notdetected, the pod should exit
Once the spec file has beenupdatedwith the init containerdefinition, the pod should becreated

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution

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NEW QUESTION 9

Create a busybox pod and add `sleep 3600` command

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubectl run busybox --image=busybox --restart=Never -- /bin/sh -c "sleep 3600"
```

NEW QUESTION 10

Create and configure the service `front-end-service` so it's accessible through `NodePort` and routes to the existing pod named `front-end`.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
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NEW QUESTION 10

Get IP address of the pod `nginx-dev`

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 15

List all the pods showing name and namespace with a json path expression

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubectl get pods -o=jsonpath='{.items[*]}[\'metadata.name\', \'metadata.namespace\']'
```

NEW QUESTION 16

Scale the deployment `webserver` to 6 pods.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
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NEW QUESTION 20

Create a pod that having 3 containers in it? (Multi-Container)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

image=nginx, image=redis, image=consul Name nginx container as ??nginx-container?? Name redis container as ??redis-container?? Name consul container as ??consul-container??

Create a pod manifest file for a container and append container section for rest of the images

```
kubectrl run multi-container --generator=run-pod/v1 --image=nginx -- dry-run -o yaml > multi-container.yaml
```

then

```
vim multi-container.yaml apiVersion: v1
```

```
kind: Pod metadata: labels:
```

```
run: multi-container name: multi-container spec:
```

```
containers:
```

```
- image: nginx
```

```
name: nginx-container
```

```
- image: redis
```

```
name: redis-container
```

```
- image: consul
```

```
name: consul-container
```

```
restartPolicy: Always
```

NEW QUESTION 24

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