

CKAD Dumps

Certified Kubernetes Application Developer (CKAD) Program

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



NEW QUESTION 1

Exhibit:

Context

You sometimes need to observe a pod's logs, and write those logs to a file for further analysis. Task

Please complete the following;

- Deploy the counter pod to the cluster using the provided YAMLSpec file at /opt/KDOB00201/counter.yaml
- Retrieve all currently available application logs from the running pod and store them in the file /opt/KDOB00201/log_Output.txt, which has already been created

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 2

Exhibit:

Context

You are tasked to create a secret and consume the secret in a pod using environment variables as follow:

Task

- Create a secret named another-secret with a key/value pair; key1/value4
- Start an nginx pod named nginx-secret using container image nginx, and add an environment variable exposing the value of the secret key key 1, using COOL_VARIABLE as the name for the environment variable inside the pod

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 3

Exhibit:

Context

Your application's namespace requires a specific service account to be used.

Task

Update the app-adeployment in theproductionnamespace to run as therestrictedserviceservice account. The service account has already been created.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 4

Exhibit:

Task

You have rolled out a new pod to your infrastructure and now you need to allow it to communicate with the web and storage pods but nothing else. Given the running pod kdsn00201 -newpod edit it to use a network policy that will allow it to send and receive traffic only to and from the web and storage pods.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Suggest the Solution.

NEW QUESTION 5

Exhibit:

Context

You have been tasked with scaling an existing deployment for availability, and creating a service to expose the deployment within your infrastructure. Task Start with the deployment named kdsn00101-deployment which has already been deployed to the namespace kdsn00101 . Edit it to:

- Add the func=webFrontEndkey/value label to the pod template metadata to identify the pod for the service definition
- Have 4 replicas

Next, create ana deploy in namespace kdsn00l01 a service that accomplishes the following:

- Exposes the service on TCP port 8080
- is mapped to me pods defined by the specification of kdsn00l01-deployment
- Is of type NodePort
- Has a name of cherry

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 6

Exhibit:

Context

A project that you are working on has a requirement for persistent data to be available. Task

To facilitate this, perform the following tasks:

- Create a file on node sk8s-node-0 at /opt/KDSP00101/data/index.html with the content Acct=Finance
- Create a PersistentVolume named task-pv-volume using hostPath and allocate 1Gi to it, specifying that the volume is at /opt/KDSP00101/data on the cluster's node. The configuration should specify the access mode of ReadWriteOnce . It should define the StorageClass name exam for the PersistentVolume , which will be used to bind PersistentVolumeClaim requests to this PersistentVolume.
- Create a PersistentVolumeClaim named task-pv-claim that requests a volume of at least 100Mi and specifies an access mode of ReadWriteOnce
- Create a pod that uses the PersistentVolumeClaim as a volume with a label app: my-storage-app mounting the resulting volume to a mountPath /usr/share/nginx/html inside the pod

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 7

Exhibit:

Context

As a Kubernetes application developer you will often find yourself needing to update a running application. Task
Please complete the following:

- Update the app deployment in the kdpd00202 namespace with a maxSurge of 5% and a maxUnavailable of 2%
- Perform a rolling update of the web1 deployment, changing the lfccncf/ngmx image version to 1.13
- Roll back the app deployment to the previous version

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 8

Exhibit:

Context

You are tasked to create a ConfigMap and consume the ConfigMap in a pod using a volume mount. Task

Please complete the following:

- Create a ConfigMap named another-config containing the key/value pair: key4/value3
- start a pod named nginx-configmap containing a single container using the nginx image, and mount the key you just created into the pod under directory /also/a/path

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

NEW QUESTION 10

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