

CKA Dumps

Certified Kubernetes Administrator (CKA) Program

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



NEW QUESTION 1

Score: 5%



Task

Monitor the logs of pod bar and:

- Extract log lines corresponding to error file-not-found
- Write them to /opt/KUTR00101/bar

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

kubectl logs bar | grep 'unable-to-access-website' > /opt/KUTR00101/bar cat /opt/KUTR00101/bar

NEW QUESTION 2

Score: 7%



Task

Reconfigure the existing deployment front-end and add a port specification named http exposing port 80/tcp of the existing container nginx.

Create a new service named front-end-svc exposing the container port http.

Configure the new service to also expose the individual Pods via a NodePort on the nodes on which they are scheduled.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

```
kubectl get deploy front-end
kubectl edit deploy front-end -o yaml
#port specification named http
#service.yaml apiVersion: v1
kind: Service metadata:
name: front-end-svc labels:
app: nginx spec: ports:
- port: 80 protocol: tcp name: http selector: app: nginx
type: NodePort
# kubectl create -f service.yaml
# kubectl get svc
# port specification named http
kubectl expose deployment front-end --name=front-end-svc --port=80 --target-port=80 --type=NodePort
```

NEW QUESTION 3

A Kubernetes worker node, named wk8s-node-0 is in state NotReady. Investigate why this is the case, and perform any appropriate steps to bring the node to a Ready state, ensuring that any changes are made permanent.

You can ssh to the failed node using:

[student@node-1] \$ | ssh Wk8s-node-0

You can assume elevated privileges on the node with the following command:

[student@w8ks-node-0] \$ | sudo -i

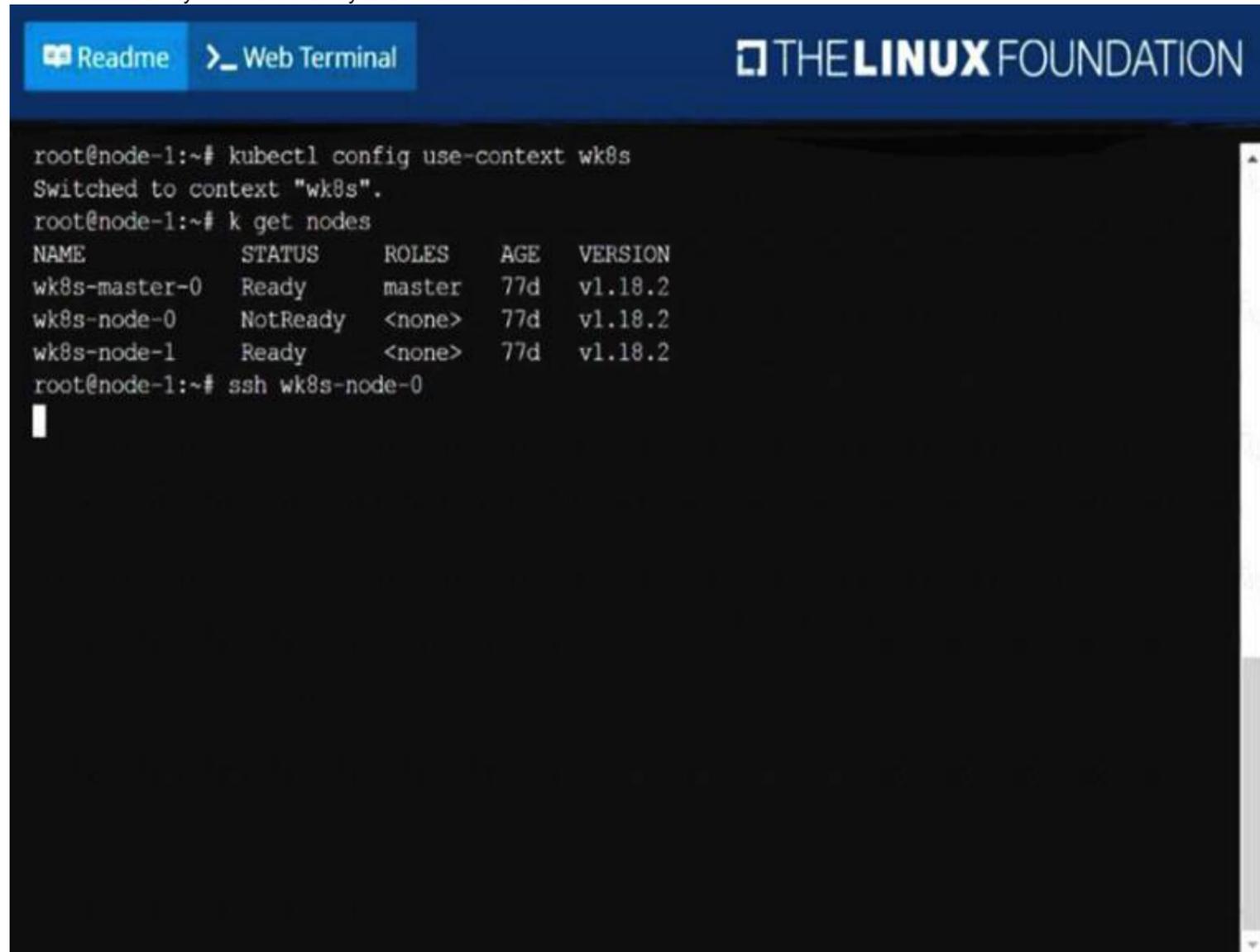
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution

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The screenshot shows a web terminal interface with a dark background and white text. At the top, there are navigation tabs for 'Readme' and 'Web Terminal', and the logo for 'THE LINUX FOUNDATION'. The terminal content shows the following commands and output:

```
root@node-1:~# kubectl config use-context wk8s
Switched to context "wk8s".
root@node-1:~# k get nodes
NAME           STATUS    ROLES    AGE   VERSION
wk8s-master-0 Ready     master   77d   v1.18.2
wk8s-node-0    NotReady <none>   77d   v1.18.2
wk8s-node-1    Ready     <none>   77d   v1.18.2
root@node-1:~# ssh wk8s-node-0
```

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```

Readme Web Terminal THE LINUX FOUNDATION

wk8s-node-0    NotReady    <none>    77d    v1.18.2
wk8s-node-1    Ready       <none>    77d    v1.18.2
root@node-1:~# ssh wk8s-node-0
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-1109-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Are you ready for Kubernetes 1.19? It's nearly here! Try RC3 with
   sudo snap install microk8s --channel=1.19/candidate --classic

   https://microk8s.io/ has docs and details.

4 packages can be updated.
1 update is a security update.

New release '18.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

student@wk8s-node-0:~$ sudo -i
root@wk8s-node-0:~# systemctl restart kubelet
root@wk8s-node-0:~# systemctl enable kubelet

```

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```

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https://microk8s.io/ has docs and details.

4 packages can be updated.
1 update is a security update.

New release '18.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

student@wk8s-node-0:~$ sudo -i
root@wk8s-node-0:~# systemctl restart kubelet
root@wk8s-node-0:~# systemctl enable kubelet
Created symlink from /etc/systemd/system/multi-user.target.wants/kubelet.service to /lib/systemd/system/kubelet.service.
root@wk8s-node-0:~# exit
logout
student@wk8s-node-0:~$ exit
logout
Connection to 10.250.5.34 closed.
root@node-1:~# k get nodes
NAME           STATUS    ROLES    AGE   VERSION
wk8s-master-0 Ready    master   77d   v1.18.2
wk8s-node-0    Ready    <none>   77d   v1.18.2
wk8s-node-1    Ready    <none>   77d   v1.18.2
root@node-1:~# █

```

NEW QUESTION 4

List the nginx pod with custom columns POD_NAME and POD_STATUS

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubect! get po -o=custom-columns="POD_NAME:.metadata.name,
POD_STATUS:.status.containerStatuses[].state"
```

NEW QUESTION 5

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

```
kubect! 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 6

List all the pods sorted by name

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
kubect! get pods --sort-by=.metadata.name
```

NEW QUESTION 7

Monitor the logs of pod foo and:

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



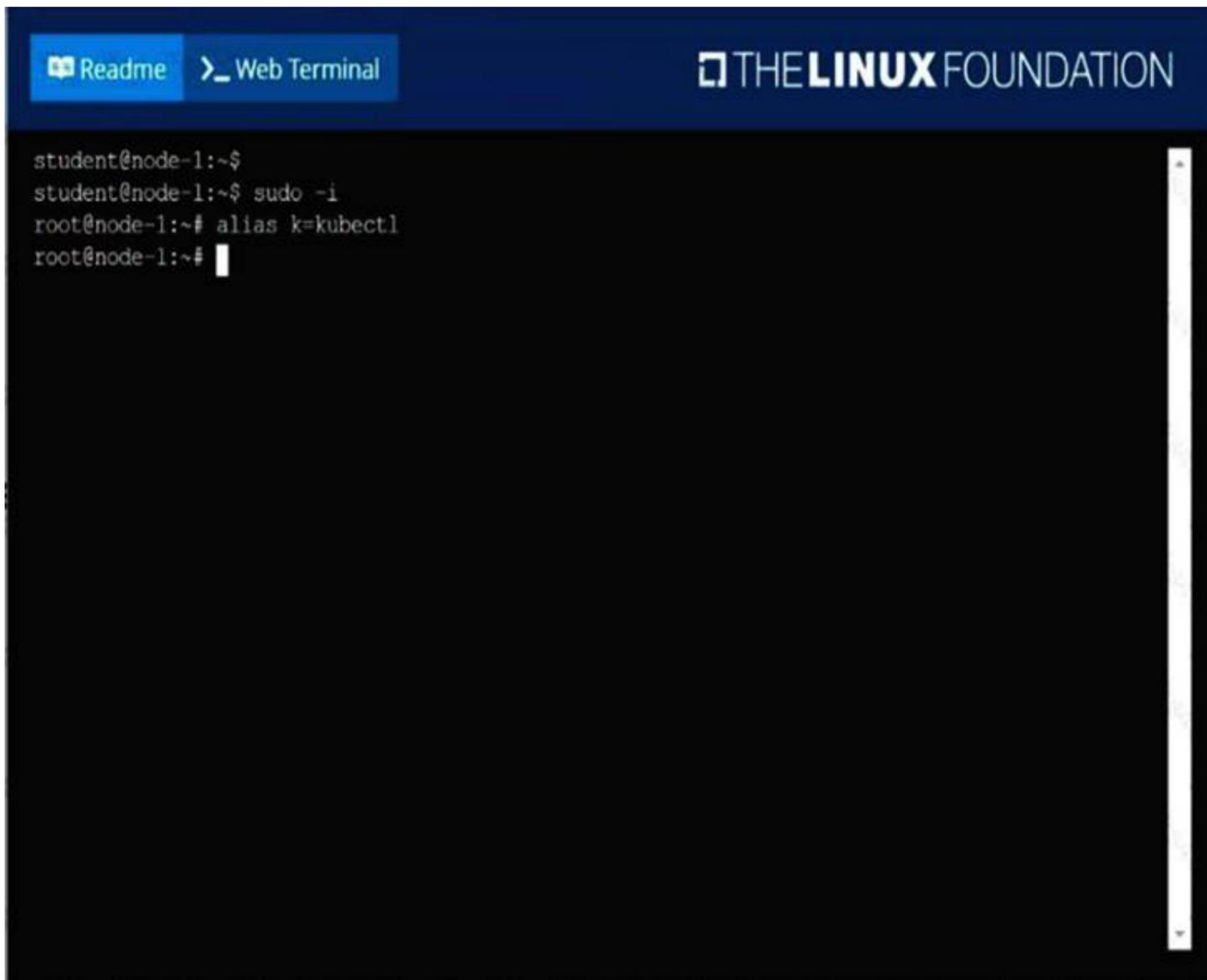
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution

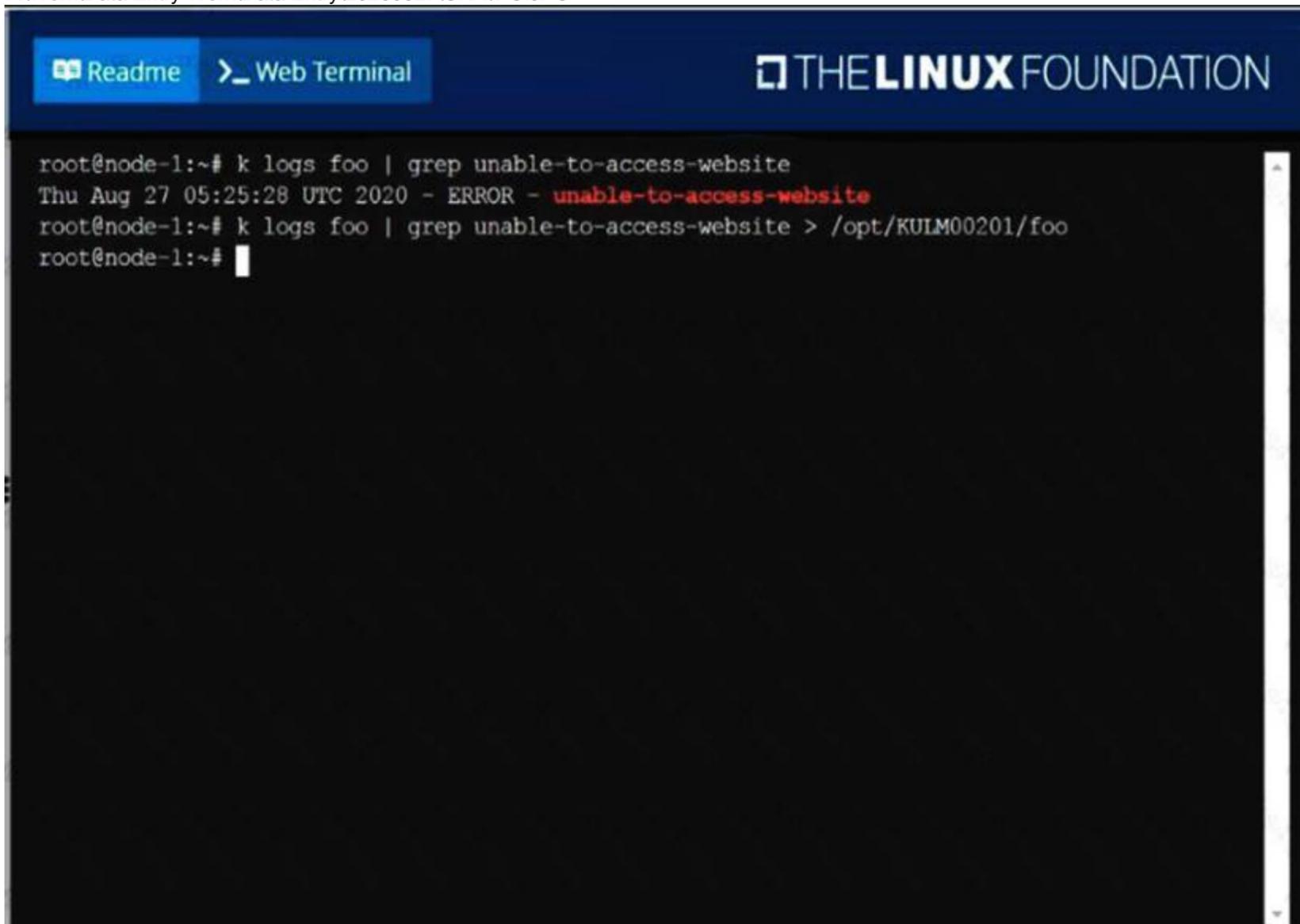
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The screenshot shows a web terminal interface with a dark blue header. On the left, there are two buttons: 'Readme' and 'Web Terminal'. On the right, the 'THE LINUX FOUNDATION' logo is displayed. The terminal content shows a user named 'student' at 'node-1' in the '~' directory. They run 'sudo -i' to become root. Then, they run 'alias k=kubectl' to create an alias. The prompt returns to root@node-1:~#.

```
student@node-1:~$  
student@node-1:~$ sudo -i  
root@node-1:~# alias k=kubectl  
root@node-1:~#
```

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The screenshot shows a web terminal interface with a dark blue header. On the left, there are two buttons: 'Readme' and 'Web Terminal'. On the right, the 'THE LINUX FOUNDATION' logo is displayed. The terminal content shows a user named 'root' at 'node-1' in the '~' directory. They run 'k logs foo | grep unable-to-access-website'. The output shows a log entry: 'Thu Aug 27 05:25:28 UTC 2020 - ERROR - unable-to-access-website'. Then, they run 'k logs foo | grep unable-to-access-website > /opt/KULM00201/foo'. The prompt returns to root@node-1:~#.

```
root@node-1:~# k logs foo | grep unable-to-access-website  
Thu Aug 27 05:25:28 UTC 2020 - ERROR - unable-to-access-website  
root@node-1:~# k logs foo | grep unable-to-access-website > /opt/KULM00201/foo  
root@node-1:~#
```

NEW QUESTION 8

Create a pod as follows:

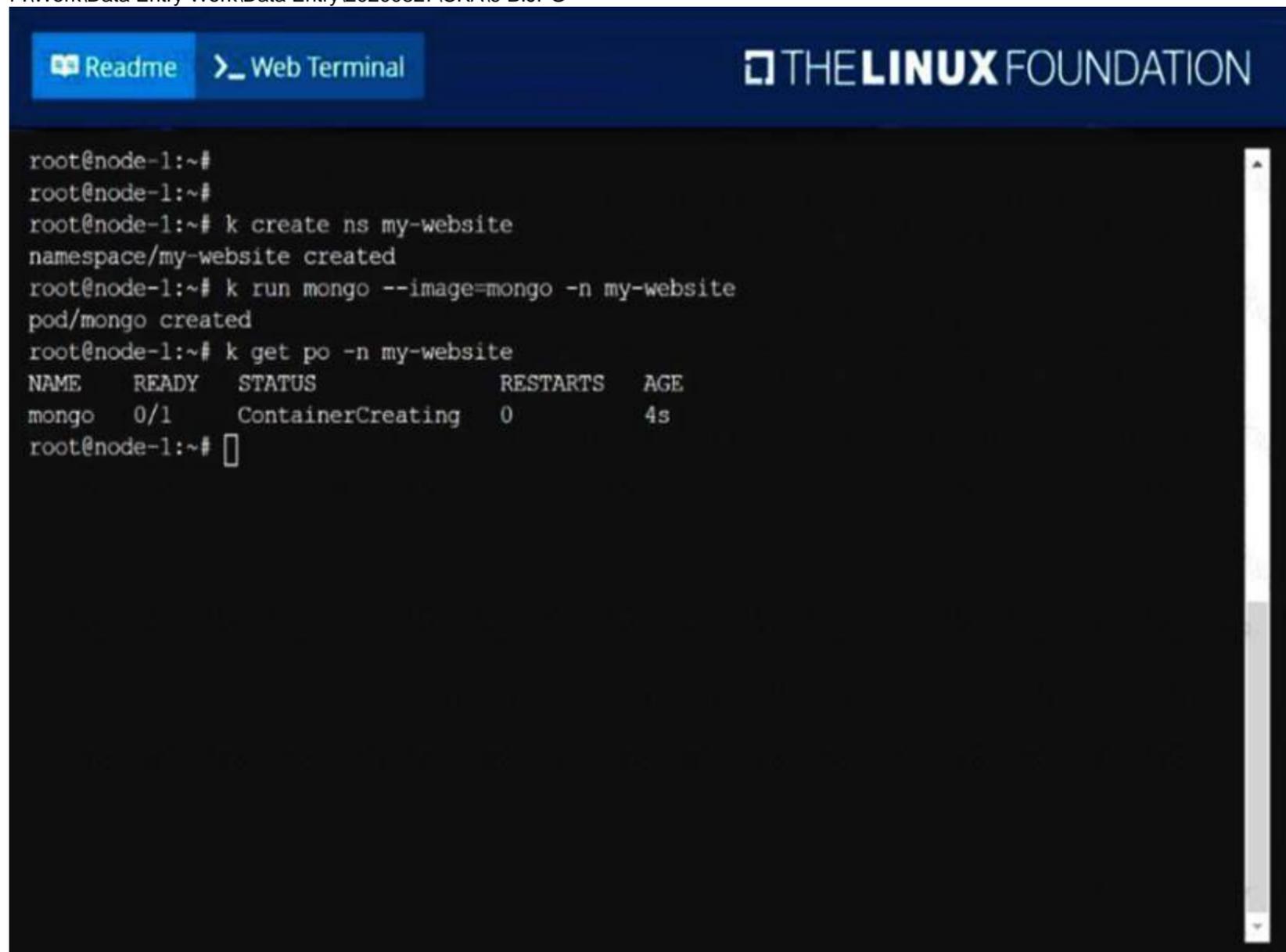
- > Name: mongo
- > Using Image: mongo
- > In a new Kubernetes namespace named: my-website

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
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NEW QUESTION 9

List the nginx pod with custom columns POD_NAME and POD_STATUS

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

kubectl get po -o=custom-columns="POD_NAME:.metadata.name, POD_STATUS:.status.containerStatuses[].state"

NEW QUESTION 10

Create an nginx pod and list the pod with different levels of verbosity

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
// create a pod  
kubectl run nginx --image=nginx --restart=Never --port=80  
// List the pod with different verbosity kubectl get po nginx --v=7  
kubectl get po nginx --v=8 kubectl get po nginx --v=9
```

NEW QUESTION 10

Check to see how many worker nodes are ready (not including nodes tainted NoSchedule) and write the number to /opt/KUCC00104/kucc00104.txt.

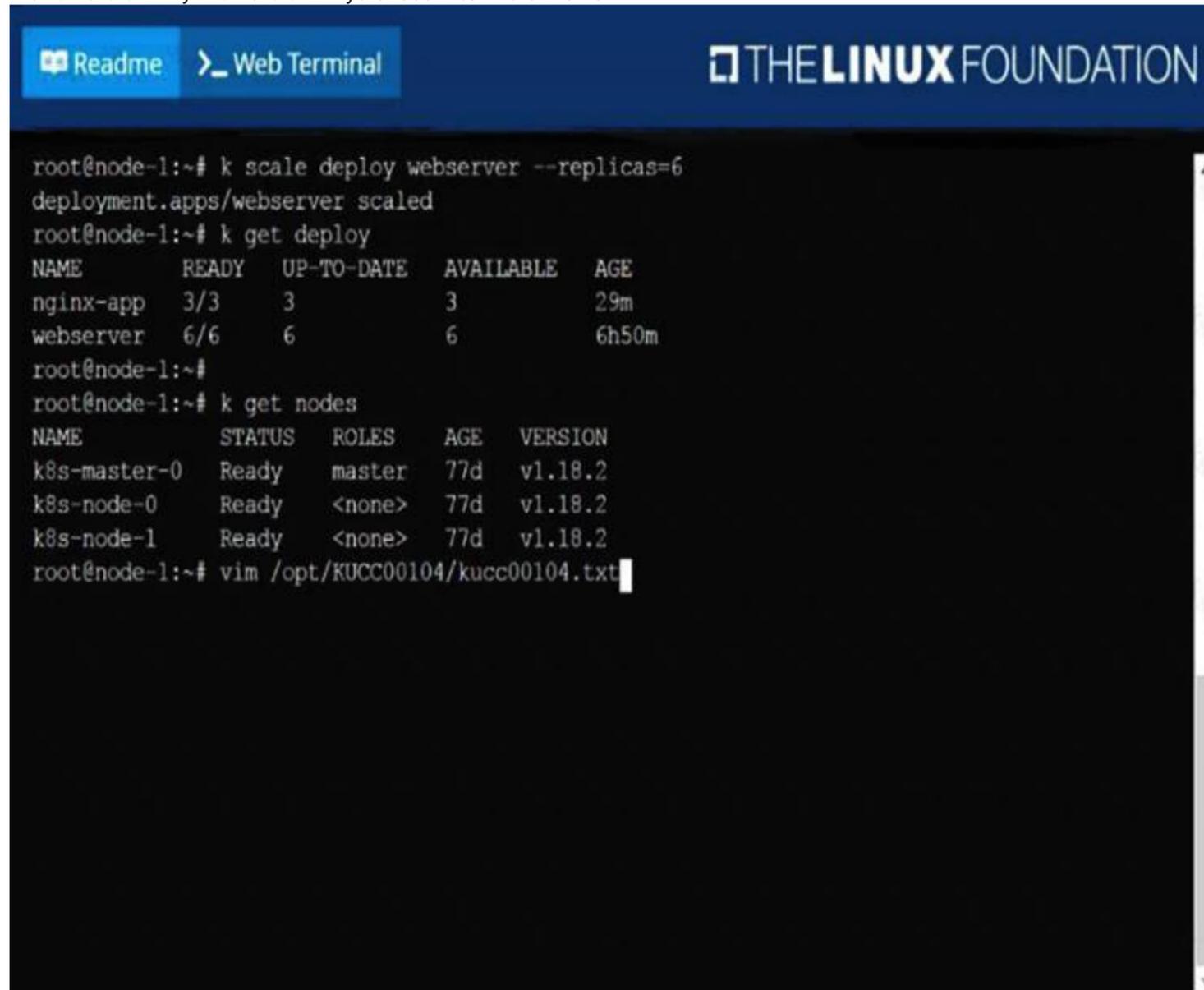
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

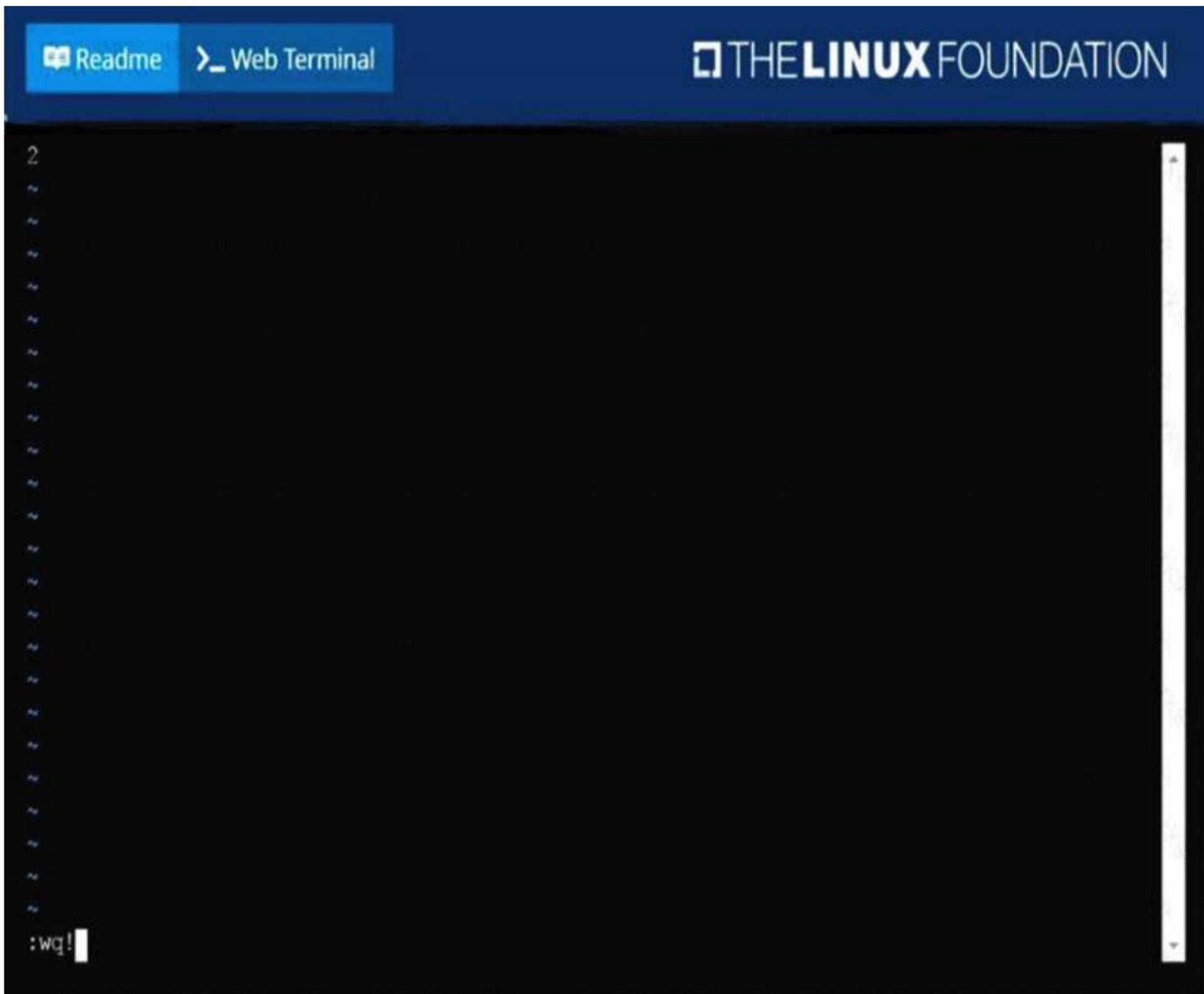
solution

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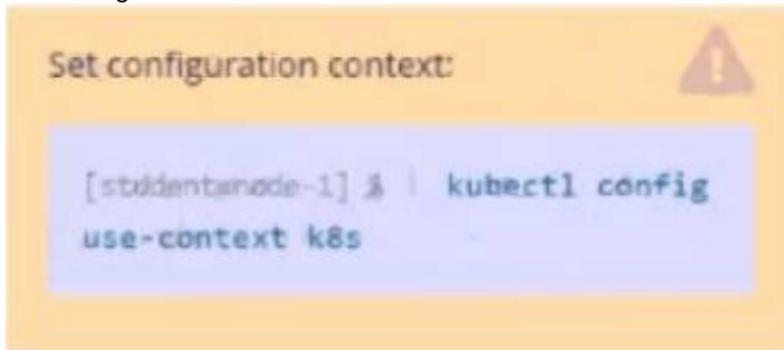
```
root@node-1:~# k scale deploy webserver --replicas=6
deployment.apps/webserver scaled
root@node-1:~# k get deploy
NAME          READY   UP-TO-DATE   AVAILABLE   AGE
nginx-app     3/3     3             3           29m
webserver     6/6     6             6           6h50m
root@node-1:~#
root@node-1:~# k get nodes
NAME           STATUS   ROLES    AGE   VERSION
k8s-master-0  Ready   master   77d   v1.18.2
k8s-node-0    Ready   <none>   77d   v1.18.2
k8s-node-1    Ready   <none>   77d   v1.18.2
root@node-1:~# vim /opt/KUCC00104/kucc00104.txt
```

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NEW QUESTION 13

Task Weight: 4%



Task

Schedule a Pod as follows:

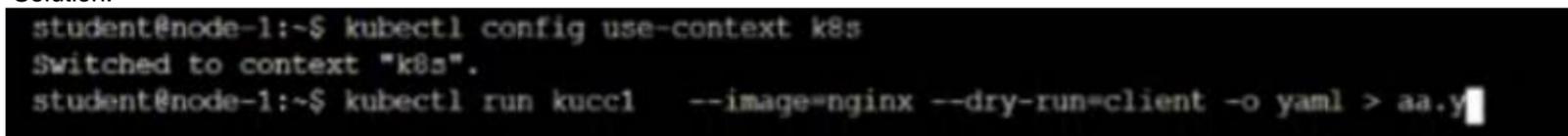
- Name: kucc1
- App Containers: 2
- Container Name/Images: o nginx
o consul

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:



Graphical user interface, text, application Description automatically generated

```

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apiVersion: v1
kind: Pod
metadata:
  labels:
    run: kuccl
  name: kuccl
spec:
  containers:
  - image: nginx
    name: nginx
  - image: consul
    name: consul
  
```

Text Description automatically generated

```

student@node-1:~$ kubectl config use-context k8s
Switched to context "k8s".
student@node-1:~$ kubectl run kuccl --image=nginx --dry-run=client -o yaml > aa.yaml
student@node-1:~$ vim aa.yaml
student@node-1:~$ kubectl create -f aa.yaml
pod/kuccl created
student@node-1:~$ kubectl get pods
NAME                                READY   STATUS              RESTARTS   AGE
ll-factor-app                       1/1     Running             0           6h34m
cpu-loader-98b9se                   1/1     Running             0           6h33m
cpu-loader-ab2d3s                   1/1     Running             0           6h33m
cpu-loader-kipb9a                   1/1     Running             0           6h33m
foobar                               1/1     Running             0           6h34m
front-end-6bc87b9748-24rcm          1/1     Running             0           5m4s
front-end-6bc87b9748-hd5wp          1/1     Running             0           5m2s
kuccl                                0/2     ContainerCreating  0           3s
nginx-kusc00401                     1/1     Running             0           2m28s
webserver-84c89dfd75-2dljn          1/1     Running             0           6h38m
webserver-84c89dfd75-8d8x2          1/1     Running             0           6h38m
webserver-84c89dfd75-z5zz4          1/1     Running             0           3m51s
student@node-1:~$ 
  
```

NEW QUESTION 17

Get list of all the pods showing name and namespace with a jsonpath expression.

- A. Mastered
- B. Not Mastered

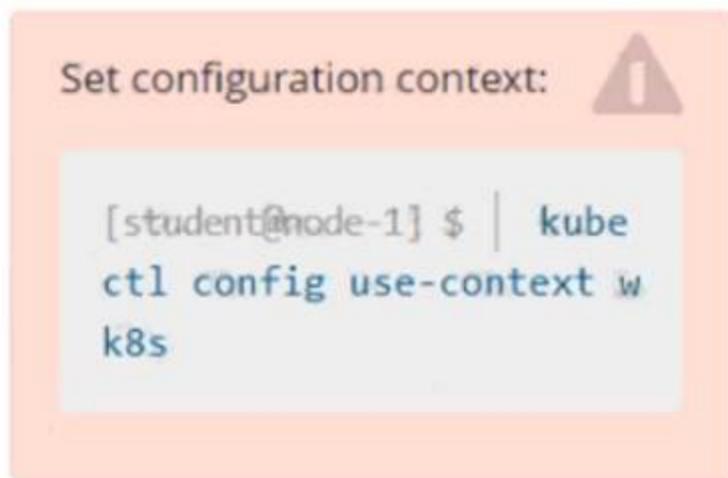
Answer: A

Explanation:

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

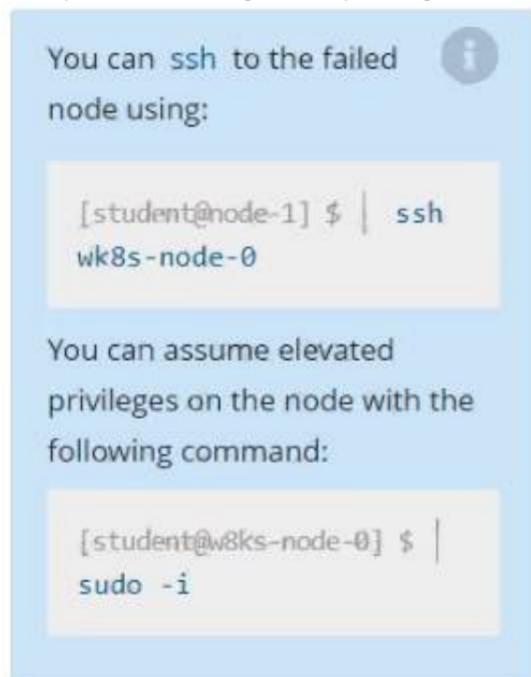
NEW QUESTION 20

Score: 13%



Task

A Kubernetes worker node, named wk8s-node-0 is in state NotReady. Investigate why this is the case, and perform any appropriate steps to bring the node to a Ready state, ensuring that any changes are made permanent.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:
sudo -i
systemctl status kubelet systemctl start kubelet systemctl enable kubelet

NEW QUESTION 24

List all the pods sorted by name

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

kubect1 get pods --sort-by=.metadata.name

NEW QUESTION 26

Check the Image version of nginx-dev pod using jsonpath

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

kubect1 get po nginx-dev -o jsonpath='{.spec.containers[].image}'

NEW QUESTION 27

Create a deployment as follows:

- > Name: nginx-random
- > Exposed via a service nginx-random
- > Ensure that the service & pod are accessible via their respective DNS records

➤ The container(s) within any pod(s) running as a part of this deployment should use the nginx Image
Next, use the utility nslookup to look up the DNS records of the service & pod and write the output to
/opt/KUNW00601/service.dns and /opt/KUNW00601/pod.dns respectively.

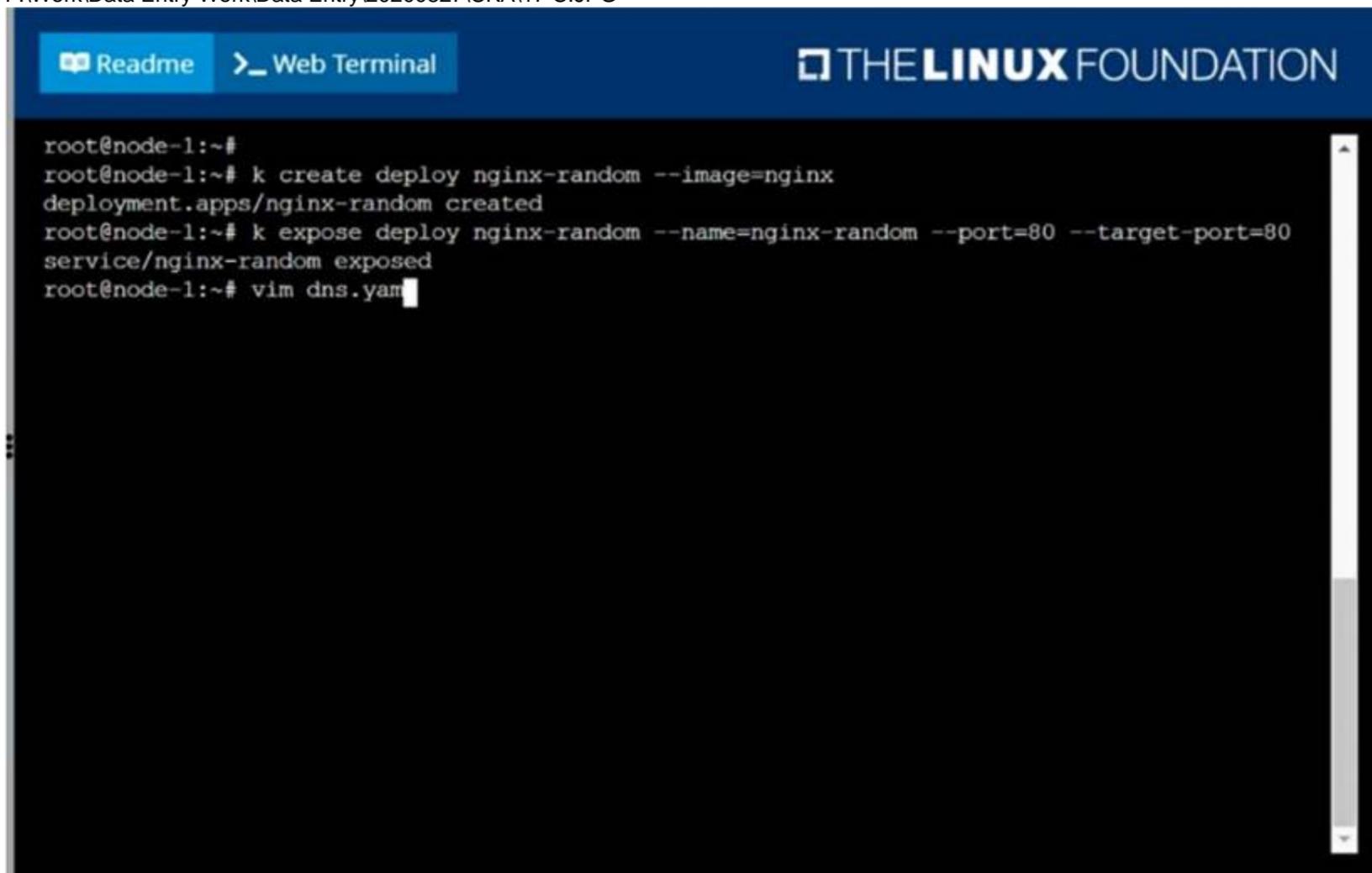
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

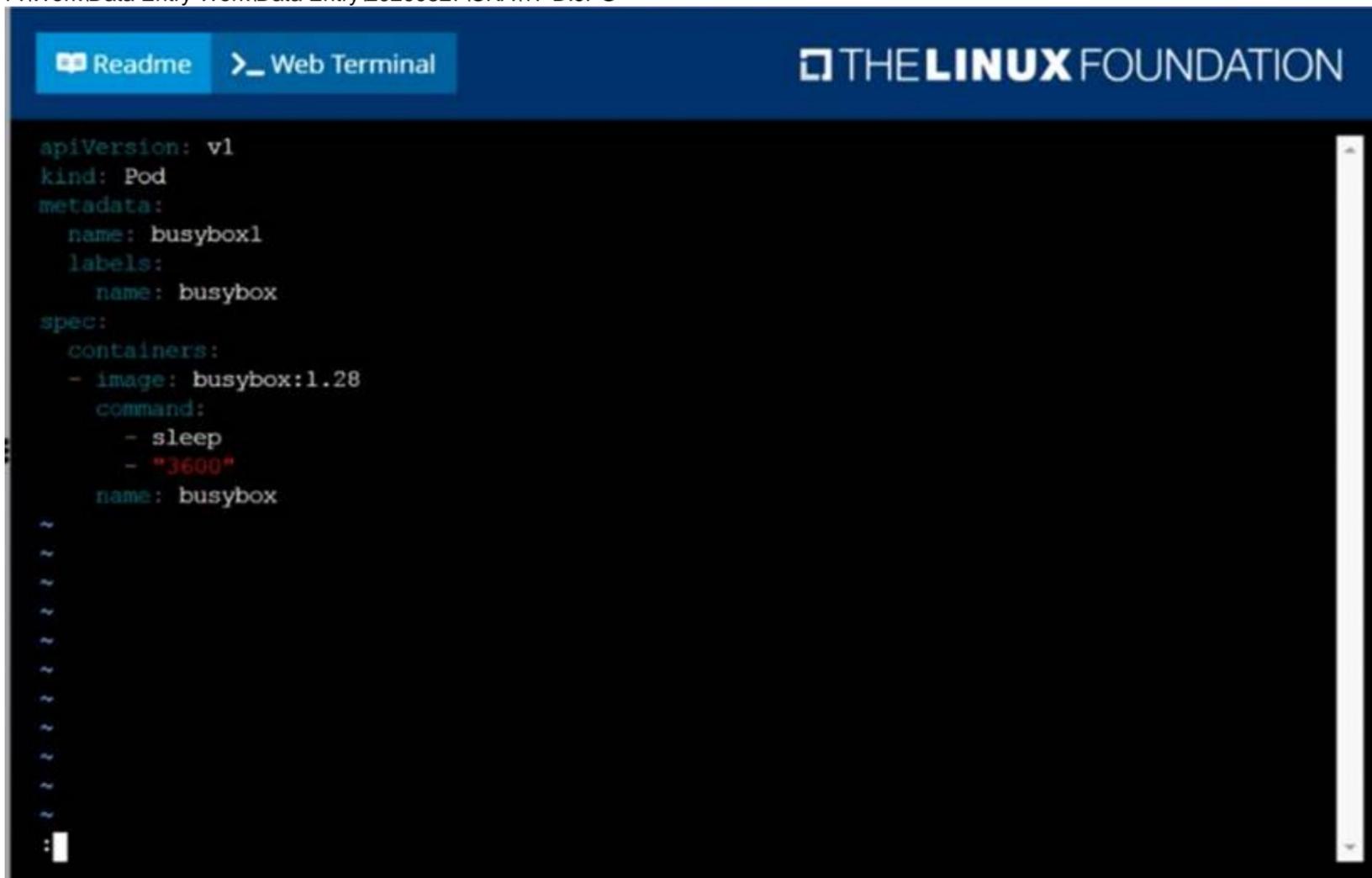
Solution:

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```
root@node-1:~#  
root@node-1:~# k create deploy nginx-random --image=nginx  
deployment.apps/nginx-random created  
root@node-1:~# k expose deploy nginx-random --name=nginx-random --port=80 --target-port=80  
service/nginx-random exposed  
root@node-1:~# vim dns.yaml
```

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```
apiVersion: v1  
kind: Pod  
metadata:  
  name: busybox1  
  labels:  
    name: busybox  
spec:  
  containers:  
  - image: busybox:1.28  
    command:  
      - sleep  
      - "3600"  
    name: busybox
```

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```

root@node-1:~# k create deploy nginx-random --image=nginx
deployment.apps/nginx-random created
root@node-1:~# k expose deploy nginx-random --name=nginx-random --port=80 --target-port=80
service/nginx-random exposed
root@node-1:~# vim dns.yaml
root@node-1:~# k create -f dns.yaml
pod/busybox1 created
root@node-1:~# k get po -o wide | grep nginx-random
nginx-random-6d5766bbdc-ptzv2 1/1 Running 0 103s 10.244.2.16 k8s-node-1 <none> <none>
root@node-1:~# k exec -it busybox1 -- nslookup nginx-random
Server: 10.96.0.10
Address 1: 10.96.0.10 kube-dns.kube-system.svc.cluster.local

Name: nginx-random
Address 1: 10.111.37.132 nginx-random.default.svc.cluster.local
root@node-1:~# k exec -it busybox1 -- nslookup nginx-random > /opt/KUNW00601/service.dns
root@node-1:~# k exec -it busybox1 -- nslookup 10-244-2-16.default.pod
Server: 10.96.0.10
Address 1: 10.96.0.10 kube-dns.kube-system.svc.cluster.local

Name: 10-244-2-16.default.pod
Address 1: 10.244.2.16 10-244-2-16.nginx-random.default.svc.cluster.local
root@node-1:~# k exec -it busybox1 -- nslookup 10-244-2-16.default.pod > /opt/KUNW00601/pod.dns

```

NEW QUESTION 30

Create a busybox pod that runs the command “env” and save the output to “envpod” file

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

kubectrl run busybox --image=busybox --restart=Never --rm -it -- env > envpod.yaml

NEW QUESTION 33

Set the node named ek8s-node-1 as unavailable and reschedule all the pods running on it.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
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```

root@node-1:~# kubectl config use-context ek8s
Switched to context "ek8s".
root@node-1:~# k drain ek8s-node-1 --ignore-daemonsets --delete-local-data --force
node/ek8s-node-1 cordoned
WARNING: ignoring DaemonSet-managed Pods: kube-system/kube-flannel-ds-amd64-qj7w8, kube-system/kube-proxy-x7xkv
evicting pod default/nginx-568f5649b8-c9zkj
evicting pod kube-system/metrics-server-64b57fd654-cktk5

```

NEW QUESTION 34

Create a persistent volume with name app-data, of capacity 2Gi and access mode ReadWriteMany. The type of volume is hostPath and its location is /srv/app-data.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution
Persistent Volume
A persistent volume is a piece of storage in a Kubernetes cluster. PersistentVolumes are a cluster-level resource like nodes, which don't belong to any namespace. It is provisioned by the administrator and has a particular file size. This way, a developer deploying their app on Kubernetes need not know the underlying infrastructure. When the developer needs a certain amount of persistent storage for their application, the system administrator configures the cluster so that they consume the PersistentVolume provisioned in an easy way.
Creating Persistent Volume
kind: PersistentVolumeapiVersion: v1metadata: name:app-dataspec: capacity: # defines the capacity of PV we are creating storage: 2Gi #the amount of storage we are trying to claim accessModes: # defines the rights of the volume we are creating - ReadWriteMany hostPath: path: "/srv/app-data" # path to which we are creating the volume
Challenge
> Create a Persistent Volume named app-data, with access mode ReadWriteMany, storage classname shared, 2Gi of storage capacity and the host path /srv/app-data.

```
apiVersion: v1
kind: PersistentVolume
metadata:
  name: app-data
spec:
  capacity:
    storage: 2Gi
  accessModes:
    - ReadWriteMany
  hostPath:
    path: /srv/app-data
  storageClassName: shared
```

“app-data.yaml” 12L, 194C

* 2. Save the file and create the persistent volume. Image for post

```
njerry191@cloudshell:~ (extreme-clone-265411)$ kubectl create -f pv.yaml
persistentvolume/pv created
```

* 3. View the persistent volume.

```
njerry191@cloudshell:~ (extreme-clone-265411)$ kubectl get pv
```

NAME	CAPACITY	ACCESS MODES	RECLAIM POLICY	STATUS	CLAIM	STORAGECLASS	REASON	AGE
app-data	2Gi	RWX	Retain	Available		shared		31s

➤ Our persistent volume status is available meaning it is available and it has not been mounted yet. This status will change when we mount the persistentVolume to a persistentVolumeClaim.

PersistentVolumeClaim

In a real ecosystem, a system admin will create the PersistentVolume then a developer will create a PersistentVolumeClaim which will be referenced in a pod. A PersistentVolumeClaim is created by specifying the minimum size and the access mode they require from the persistentVolume.

Challenge

➤ Create a Persistent Volume Claim that requests the Persistent Volume we had created above. The claim should request 2Gi. Ensure that the Persistent Volume Claim has the same storageClassName as the persistentVolume you had previously created.

```
kind: PersistentVolumeClaim
apiVersion: v1
metadata:
  name: app-data
spec:
  accessModes:
    - ReadWriteMany
  resources:
    requests:
      storage: 2Gi
  storageClassName: shared
```

* 2. Save and create the pvc

```
njerry191@cloudshell:~ (extreme-clone-265411)$ kubectl create -f app-data.yaml persistentvolumeclaim/app-data created
```

* 3. View the pvc Image for post

```
njerry191@cloudshell:~ (extreme-clone-265411)$ kubectl get pvc
```

NAME	STATUS	VOLUME	CAPACITY	ACCESS MODES	STORAGECLASS
pv	Bound	pv	512m	RWX	shared

* 4. Let's see what has changed in the pv we had initially created. Image for post

```
njerry191@cloudshell:~ (extreme-clone-265411)$ kubectl get pv
NAME          CAPACITY  ACCESS MODES  RECLAIM POLICY  STATUS  CLAIM          STORAGECLASS  REASON  AGE
pv            512m     RWX           Retain          Bound   default/pv     shared       16m
```

Our status has now changed from available to bound.

* 5. Create a new pod named myapp with image nginx that will be used to Mount the Persistent Volume Claim with the path /var/app/config.

Mounting a Claim

```
apiVersion: v1
kind: Pod
metadata:
  creationTimestamp: null
  name: app-data-spec
spec:
  volumes:
  - name: config-pvc
    persistentVolumeClaim:
      claimName: app-data
```

NEW QUESTION 36

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).

- A. Mastered
- B. Not Mastered

Answer: A

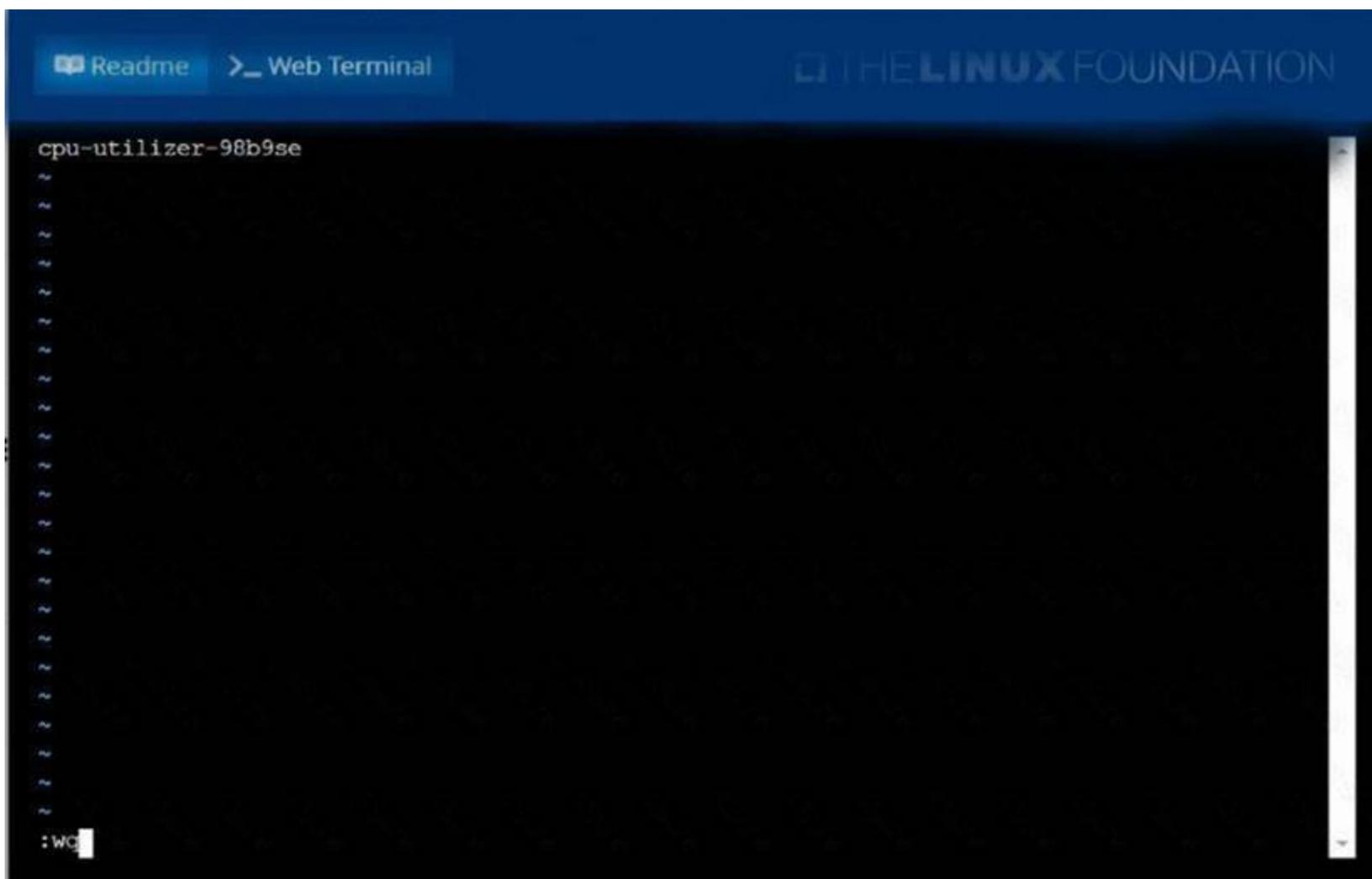
Explanation:

solution

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```
root@node-1:~# k top po -l name=cpu-utilizer
NAME          CPU (cores)  MEMORY (bytes)
cpu-utilizer-98b9se  60m          7Mi
cpu-utilizer-ab2d3s  14m          7Mi
cpu-utilizer-kipb9a  45m          7Mi
root@node-1:~# vim /opt/KUTR00102/KUTR00102.txt
```

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NEW QUESTION 40

List "nginx-dev" and "nginx-prod" pod and delete those pods

- A. Mastered
- B. Not Mastered

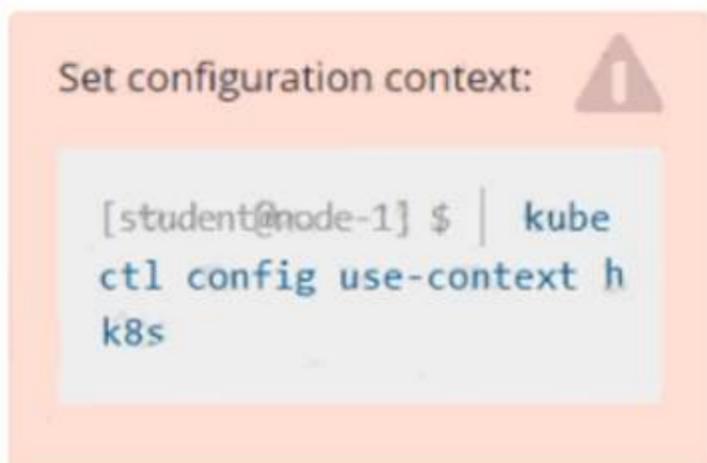
Answer: A

Explanation:

```
kubect1 get pods -o wide
kubectl delete po "nginx-dev" kubectl delete po "nginx-prod"
```

NEW QUESTION 43

Score: 7%



Task

Create a new NetworkPolicy named allow-port-from-namespace in the existing namespace echo. Ensure that the new NetworkPolicy allows Pods in namespace my-app to connect to port 9000 of Pods in namespace echo.

Further ensure that the new NetworkPolicy:

- does not allow access to Pods, which don't listen on port 9000
- does not allow access from Pods, which are not in namespace my-app

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

```
#network.yaml
apiVersion: networking.k8s.io/v1 kind: NetworkPolicy
metadata:
```

```
name: allow-port-from-namespace namespace: internal
spec: podSelector: matchLabels: {
}
policyTypes:
- Ingress ingress:
- from:
- podSelector: {
}
ports:
- protocol: TCP port: 8080
#spec.podSelector namespace pod kubectl create -f network.yaml
```

NEW QUESTION 48

Configure the kubelet systemd- managed service, on the node labelled with name=wk8s-node-1, to launch a pod containing a single container of Image httpd named webtool automatically. Any spec files required should be placed in the /etc/kubernetes/manifests directory on the node.

You can ssh to the appropriate node using:

```
[student@node-1] $ ssh wk8s-node-1
```

You can assume elevated privileges on the node with the following command:

```
[student@wk8s-node-1] $ | sudo -i
```

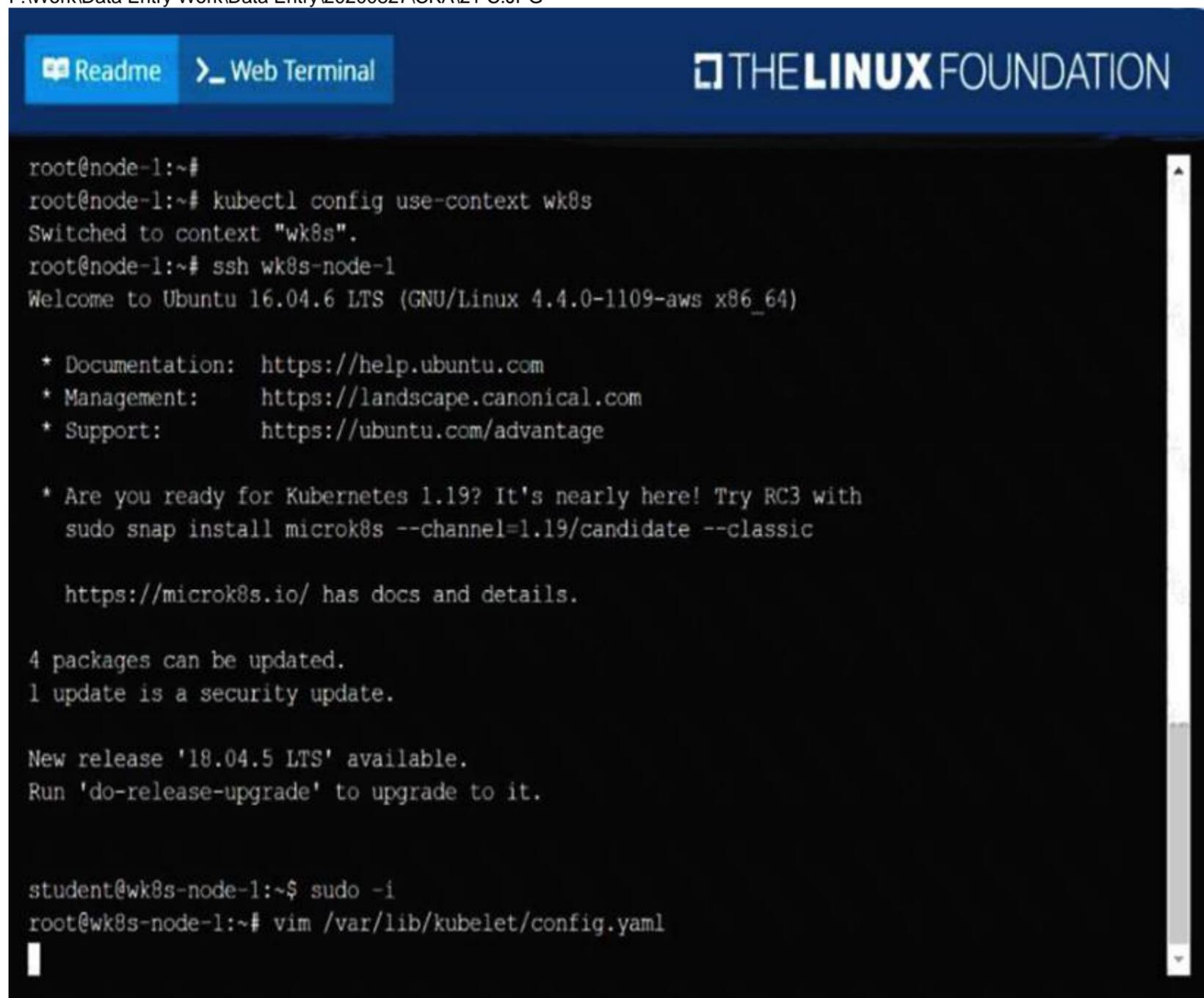
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

solution

F:\Work\Data Entry Work\Data Entry\20200827\CKA\21 C.JPG



F:\Work\Data Entry Work\Data Entry\20200827\CKA\21 D.JPG

The screenshot shows a web terminal interface with a dark background and light text. At the top, there are two buttons: 'Readme' and 'Web Terminal'. The 'THE LINUX FOUNDATION' logo is in the top right corner. The terminal content displays the following configuration:

```

clientCAFile: /etc/kubernetes/pki/ca.crt
authorization:
  mode: Webhook
  webhook:
    cacheAuthorizedTTL: 0s
    cacheUnauthorizedTTL: 0s
clusterDNS:
- 10.96.0.10
clusterDomain: cluster.local
cpuManagerReconcilePeriod: 0s
evictionPressureTransitionPeriod: 0s
fileCheckFrequency: 0s
healthzBindAddress: 127.0.0.1
healthzPort: 10248
httpCheckFrequency: 0s
imageMinimumGCAge: 0s
kind: KubeletConfiguration
nodeStatusReportFrequency: 0s
nodeStatusUpdateFrequency: 0s
rotateCertificates: true
runtimeRequestTimeout: 0s
staticPodPath: /etc/kubernetes/manifests
streamingConnectionIdleTimeout: 0s
syncFrequency: 0s
:wc

```

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The screenshot shows a web terminal interface similar to the first one. The terminal content displays the following:

```

root@node-1:~# ssh wk8s-node-1
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-1109-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Are you ready for Kubernetes 1.19? It's nearly here! Try RC3 with
   sudo snap install microk8s --channel=1.19/candidate --classic
   https://microk8s.io/ has docs and details.

4 packages can be updated.
1 update is a security update.

New release '18.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

student@wk8s-node-1:~$ sudo -i
root@wk8s-node-1:~# vim /var/lib/kubelet/config.yaml
root@wk8s-node-1:~# cd /etc/kubernetes/manifests
root@wk8s-node-1:/etc/kubernetes/manifests#
root@wk8s-node-1:/etc/kubernetes/manifests# vim pod.yaml

```

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NEW QUESTION 52

Score: 4%



Context

You have been asked to create a new ClusterRole for a deployment pipeline and bind it to a specific ServiceAccount scoped to a specific namespace.

Task

Create a new ClusterRole named deployment-clusterrole, which only allows to create the following resource types:

- Deployment
- StatefulSet
- DaemonSet

Create a new ServiceAccount named cicd-token in the existing namespace app-team1.

Bind the new ClusterRole deployment-clusterrole to the new ServiceAccount cicd-token, limited to the namespace app-team1.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Solution:

Task should be complete on node k8s -1 master, 2 worker for this connect use command

```
[student@node-1] > ssh k8s
```

```
kubectl create clusterrole deployment-clusterrole --verb=create
```

```
--resource=deployments,statefulsets,daemonsets
```

```
kubectl create serviceaccount cicd-token --namespace=app-team1
```

```
kubectl create rolebinding deployment-clusterrole --clusterrole=deployment-clusterrole
```

```
--serviceaccount=default:cicd-token --namespace=app-team1
```

NEW QUESTION 56

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