CKA Dumps

Certified Kubernetes Administrator (CKA) Program

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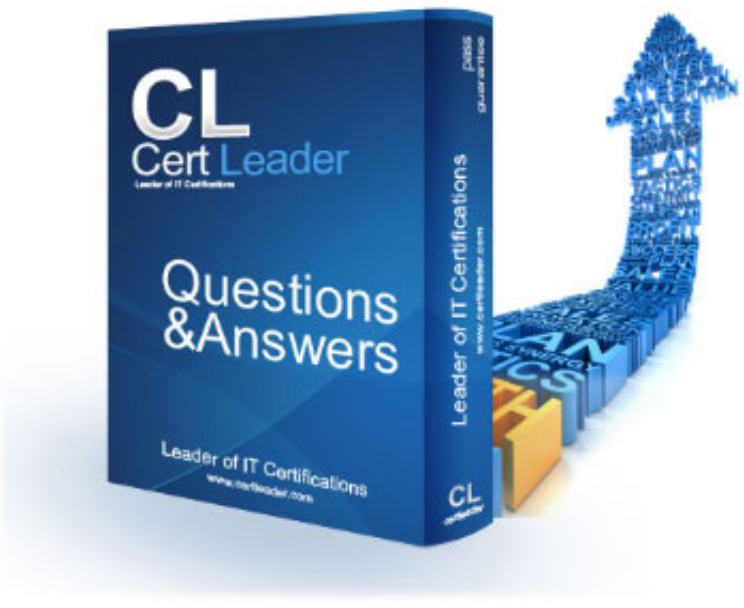

NEW QUESTION 1
Create a deployment as follows:
- Name:nginx-random
- Exposed via a servicenginx-random
- Ensure that the service & podare accessible via theirrespective DNS records
- The container(s) within anypod(s) running as a part of thisdeployment should use thenginxImage

Next, use the utilitynslookupto lookup the DNS records of the service &pod and write the output to /opt/KUNW00601/service.dnsand/opt/KUNW00601/pod.dnsrespectively.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Solution:
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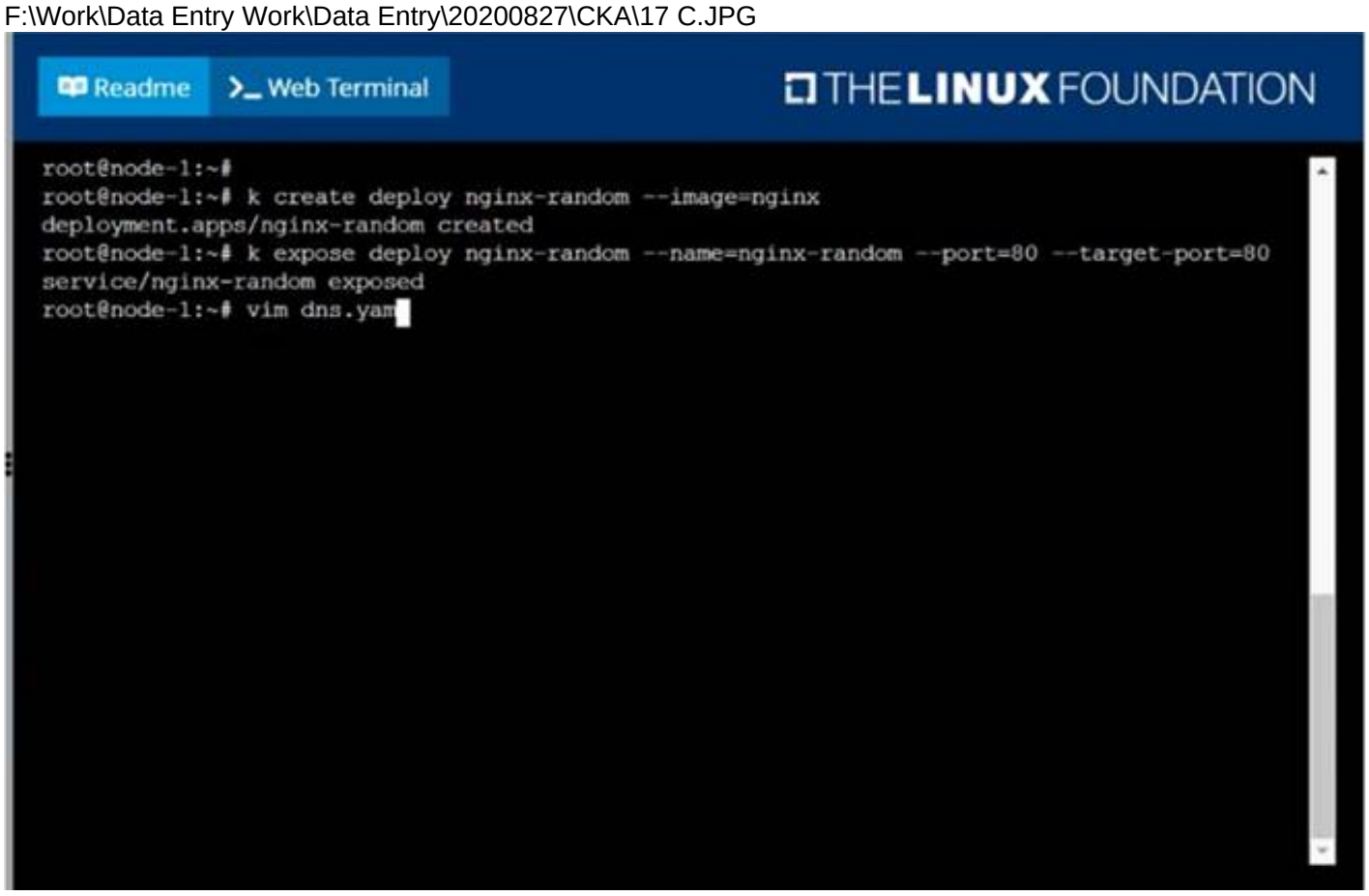

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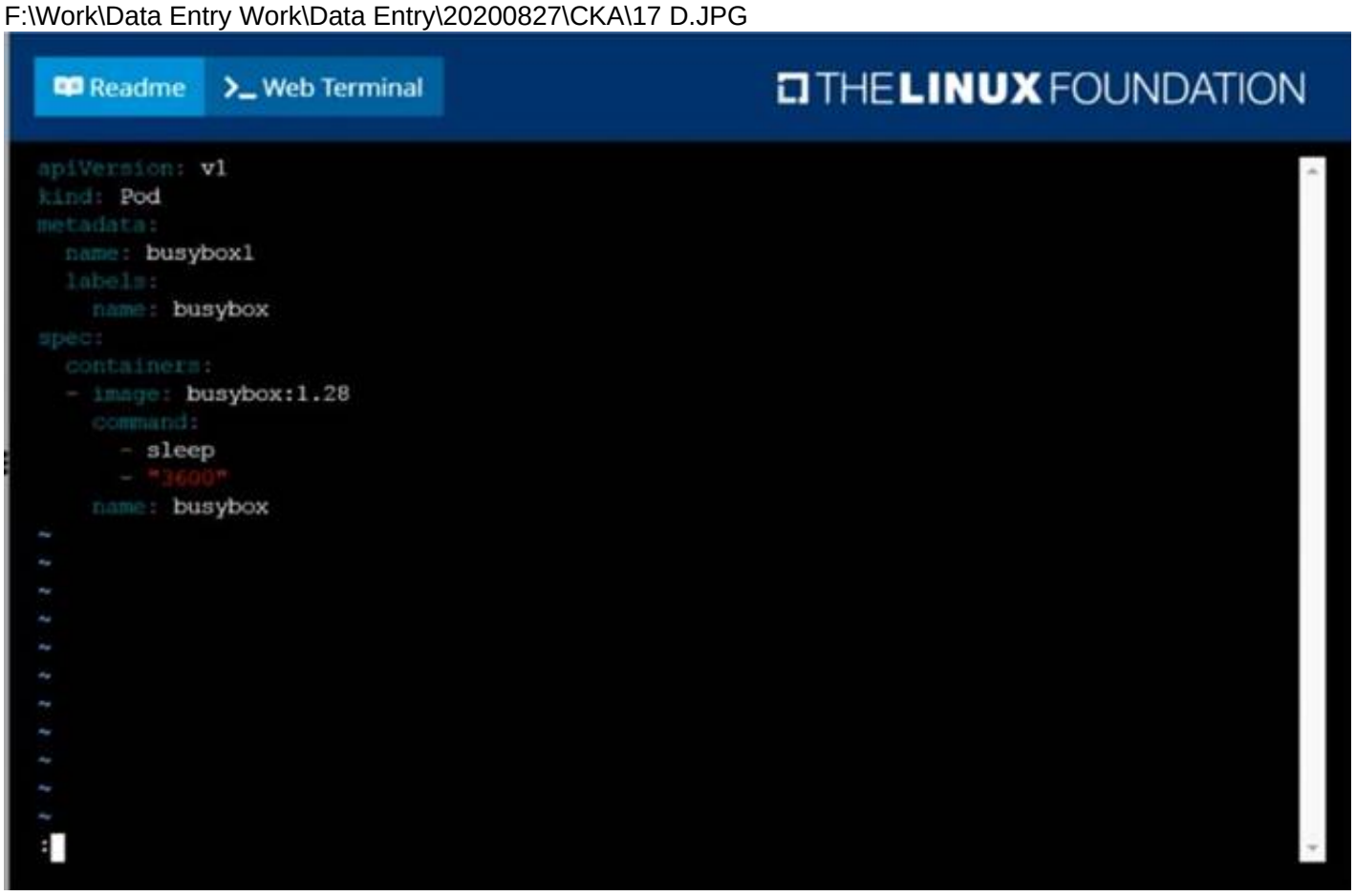

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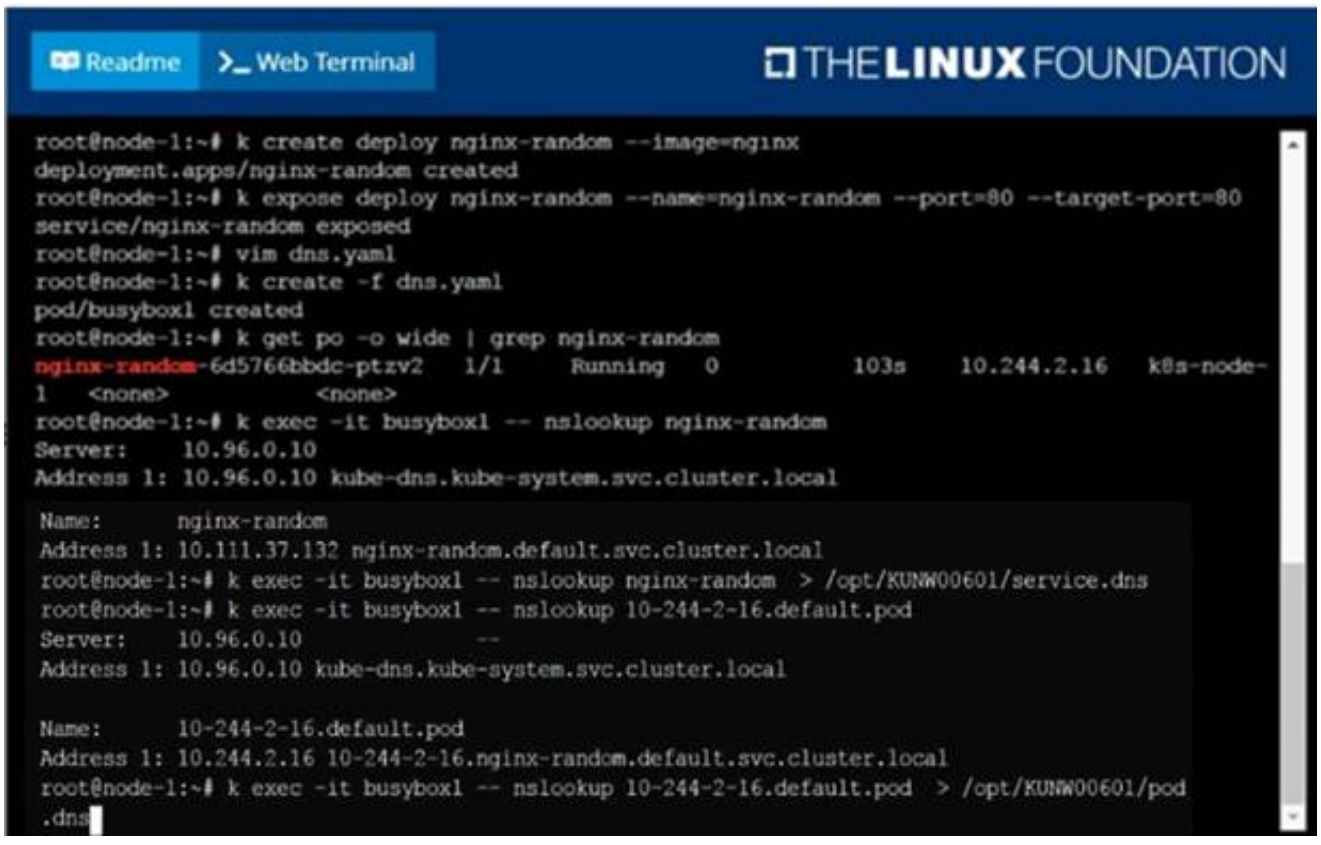

NEW QUESTION 2
Create a pod that echo ??hello world?? and then exists. Have the pod deleted automatically when it??s completed

A. Mastered
B. Not Mastered

Answer: A

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"

NEW QUESTION 3
Create a deployment spec file thatwill:
- Launch 7 replicas of thenginxImage with the labelapp_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 thatyou produced during this task.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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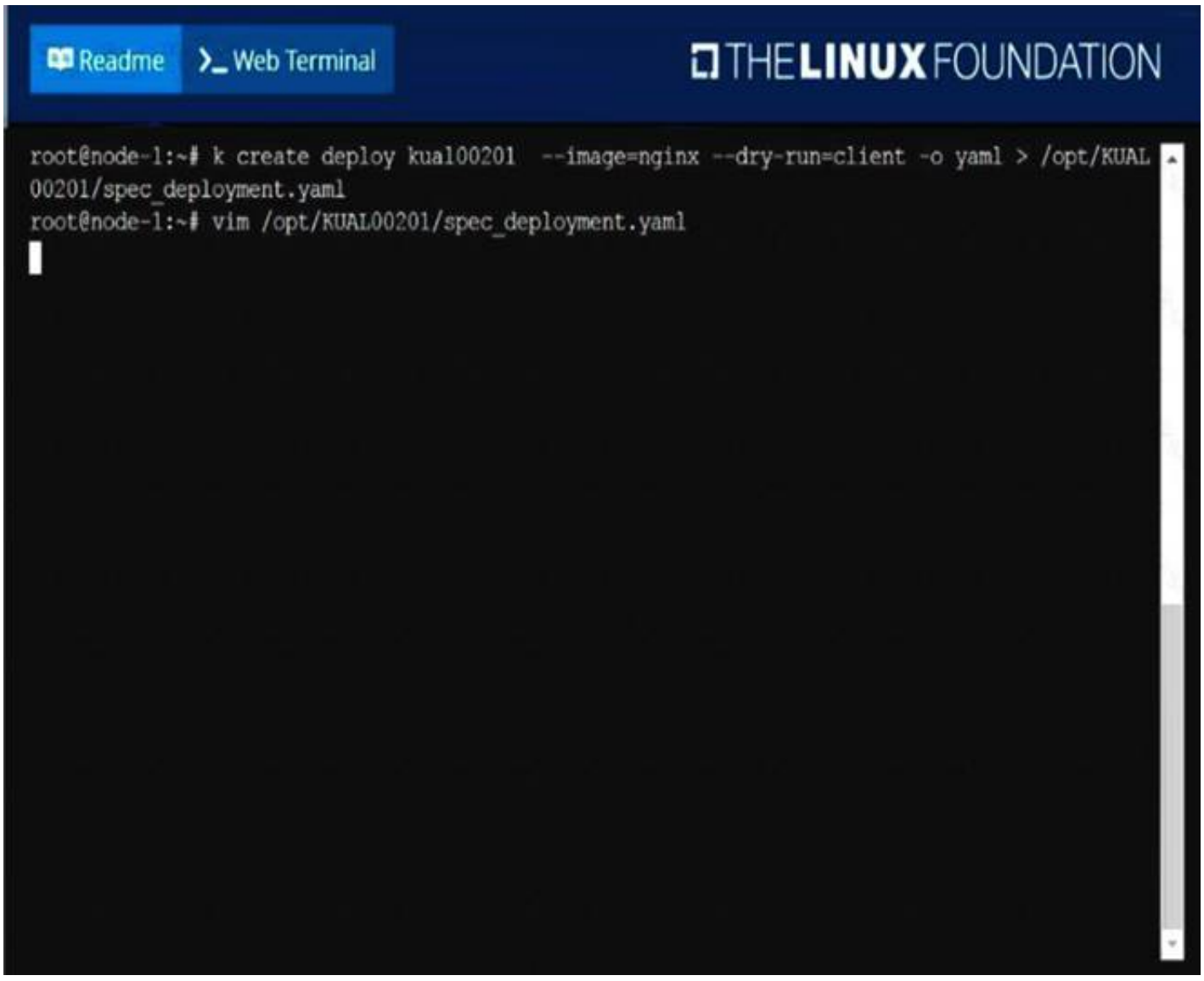

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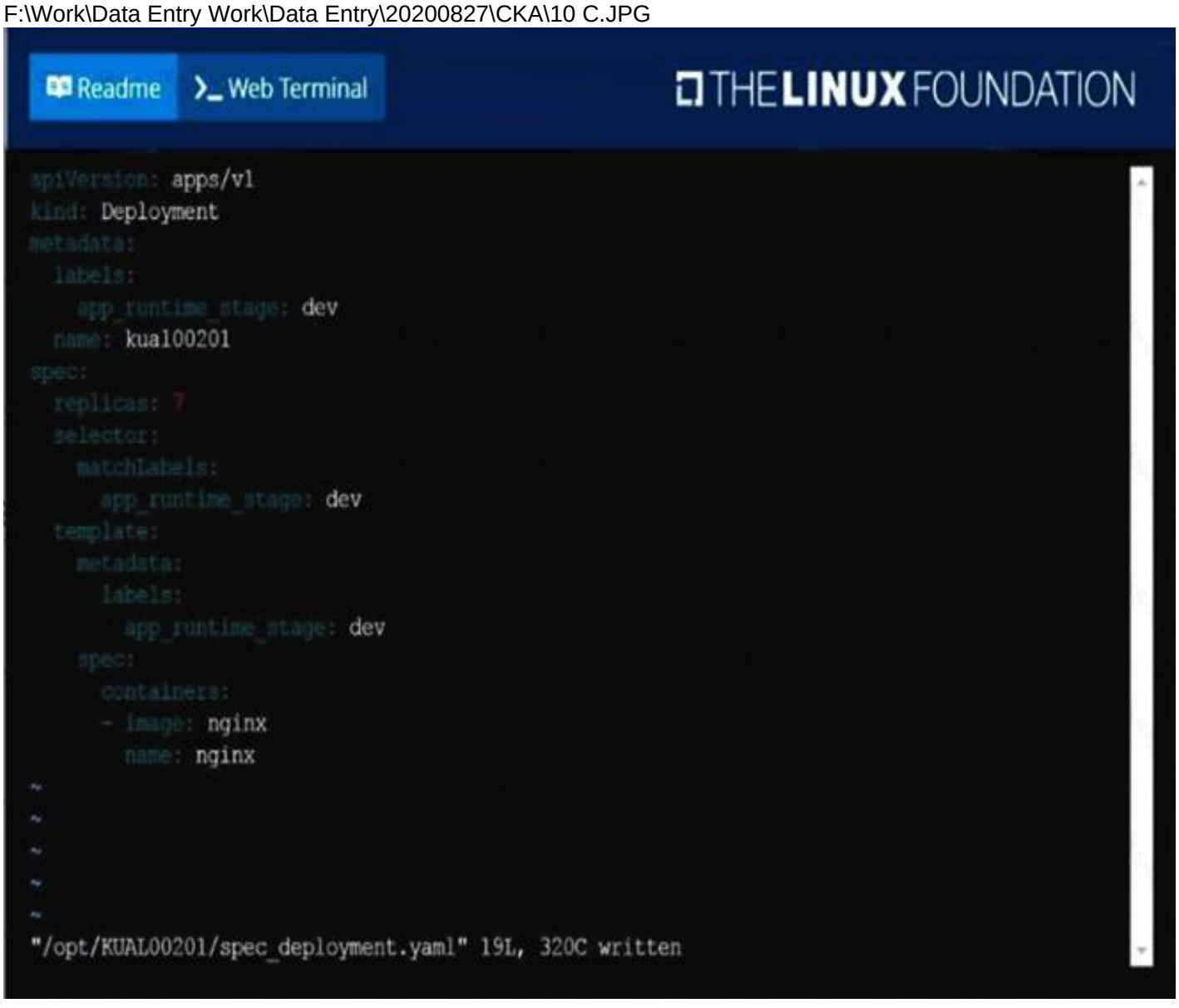

NEW QUESTION 4
Create a pod as follows:
- Name:mongo
- Using Image:mongo
- In anew Kubernetes namespacenamed:my-website

A. Mastered
B. Not Mastered

Answer: A

Explanation:

solution
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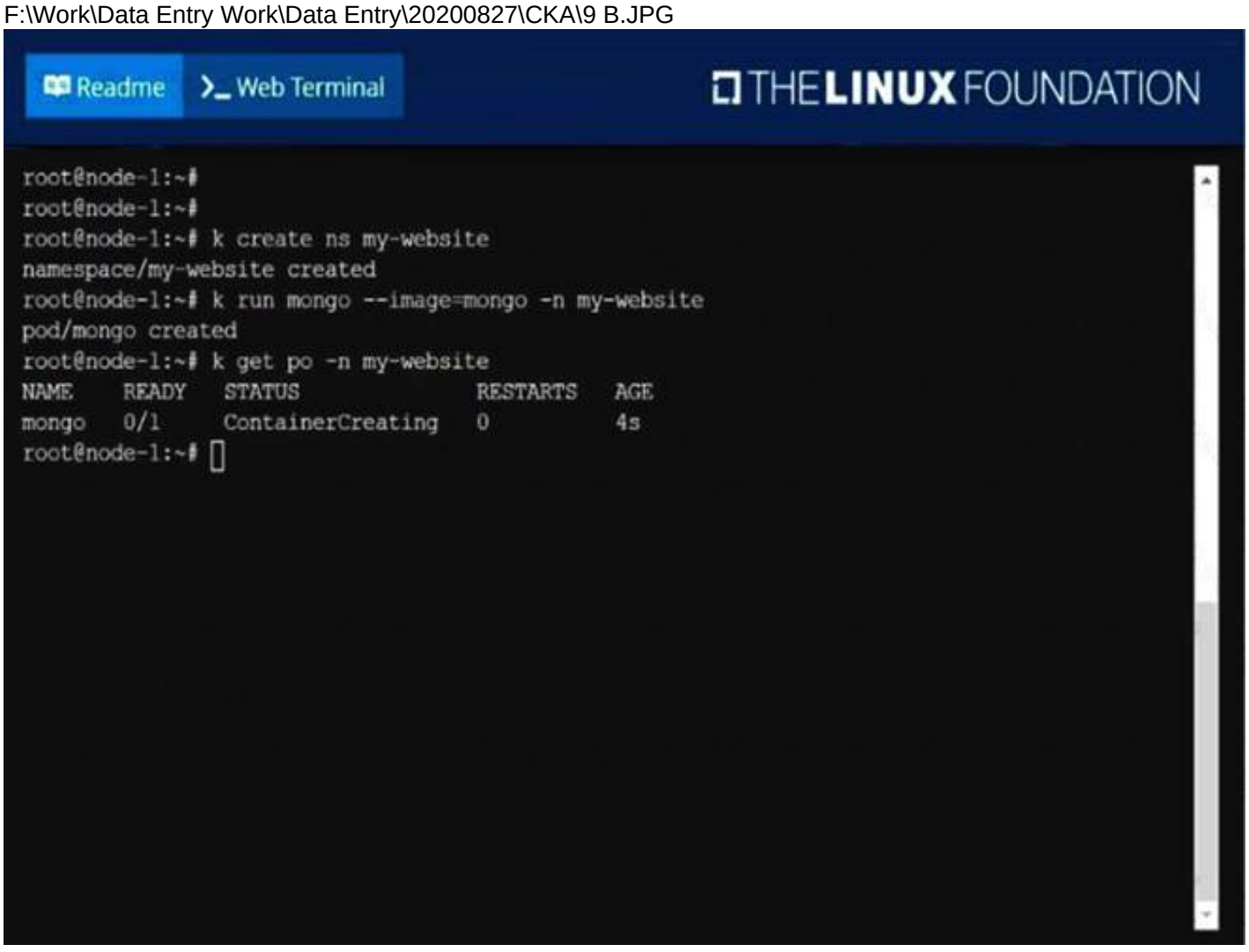

NEW QUESTION 5
List ??nginx-dev?? and ??nginx-prod?? pod and delete those pods

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 6
Create a pod with image nginx called nginx and allow traffic on port 80

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectlrun nginx --image=nginx --restart=Never --port=80

NEW QUESTION 7
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 8
Ensure a single instance of podnginxis running on each node of theKubernetes cluster wherenginxalso represents the Image name whichhas to be used. Do not override anytaints currently in place.
UseDaemonSetto complete thistask and useds-kusc00201asDaemonSet name.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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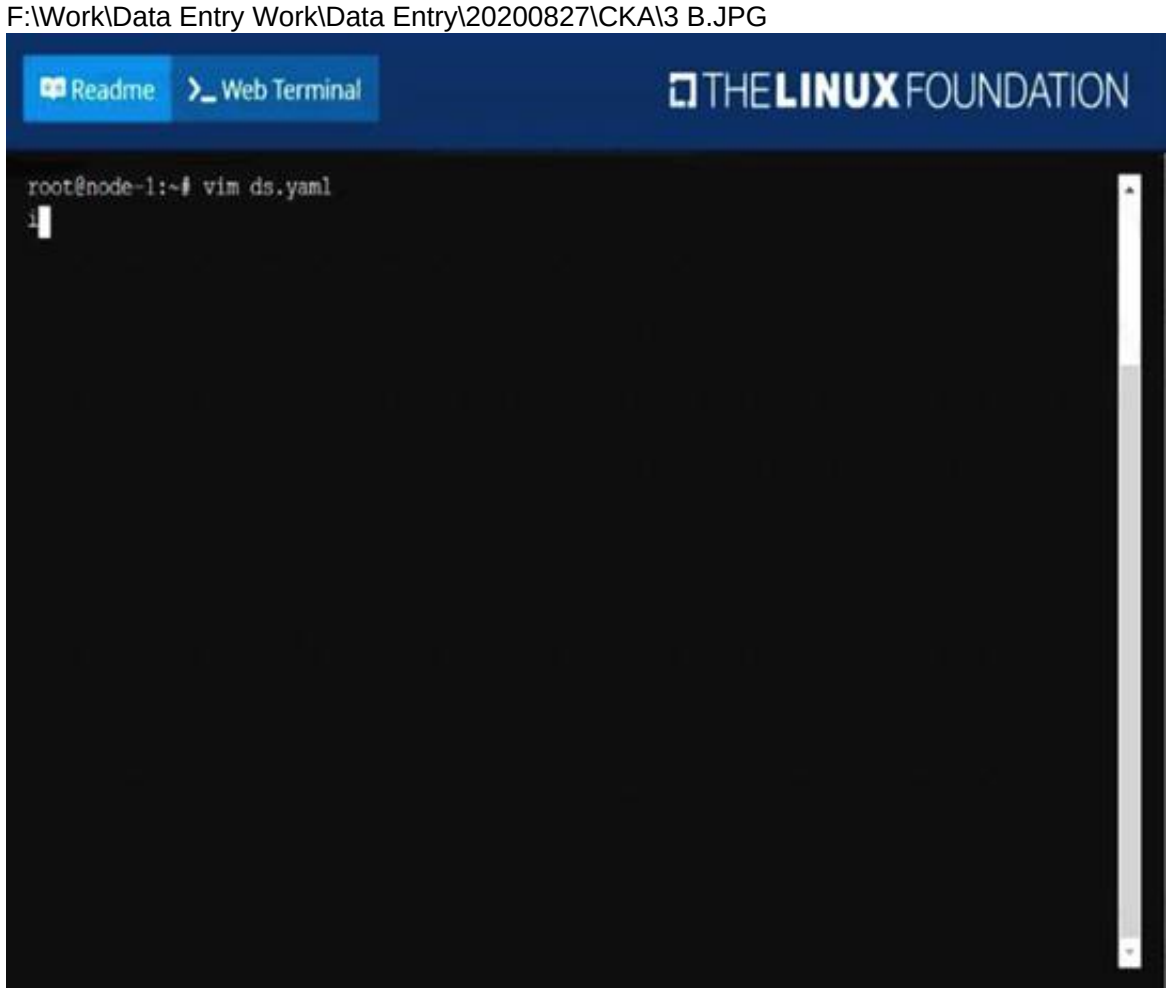

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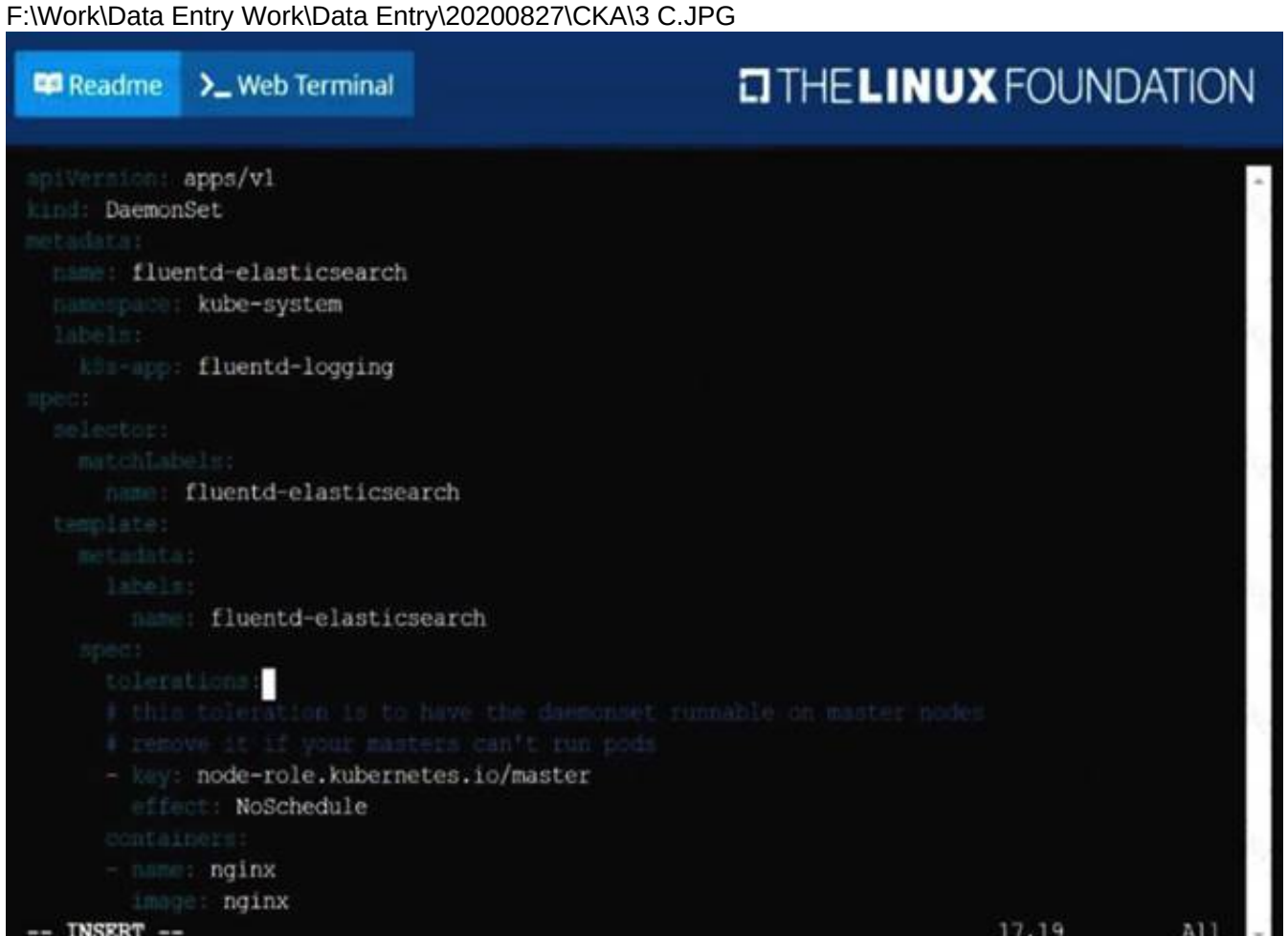

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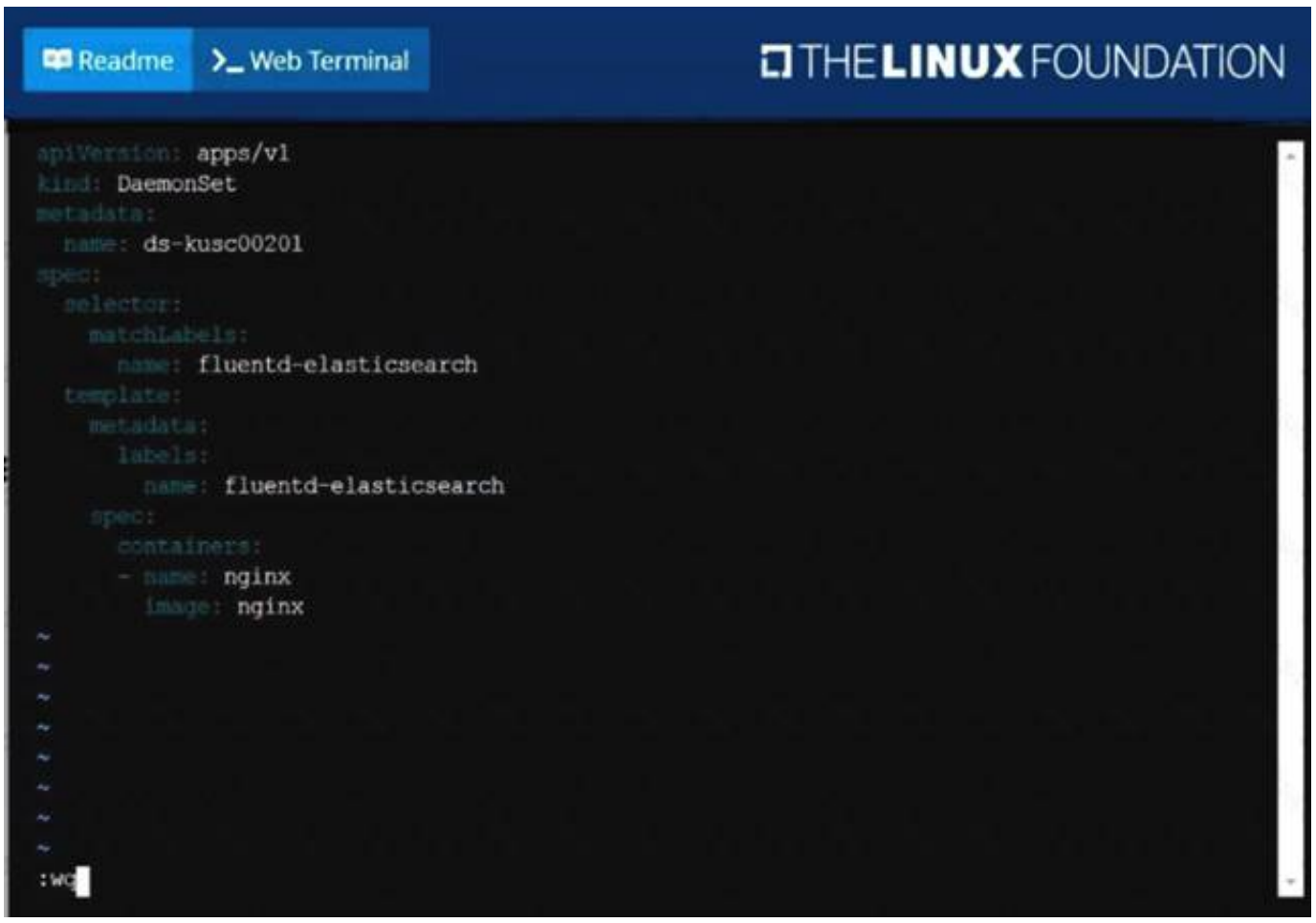

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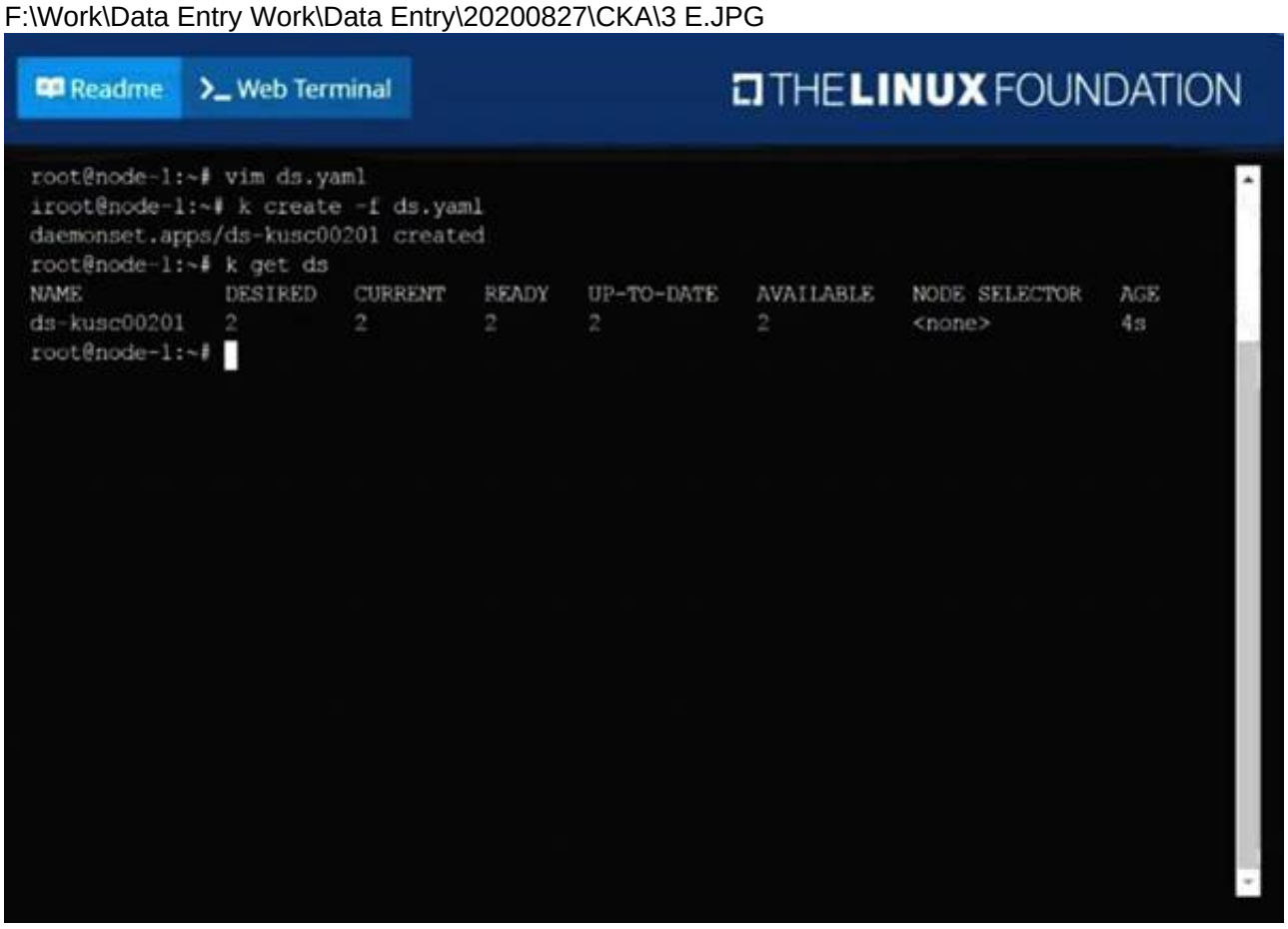

NEW QUESTION 9
A Kubernetes worker node, namedwk8s-node-0is in stateNotReady.Investigate why this is the case, andperform any appropriate steps tobring the node to aReadystate,ensuring that any changes are madepermanent.
You cansshto the failednode using:
[student@node-1] $ | sshWk8s-node-0
You can assume 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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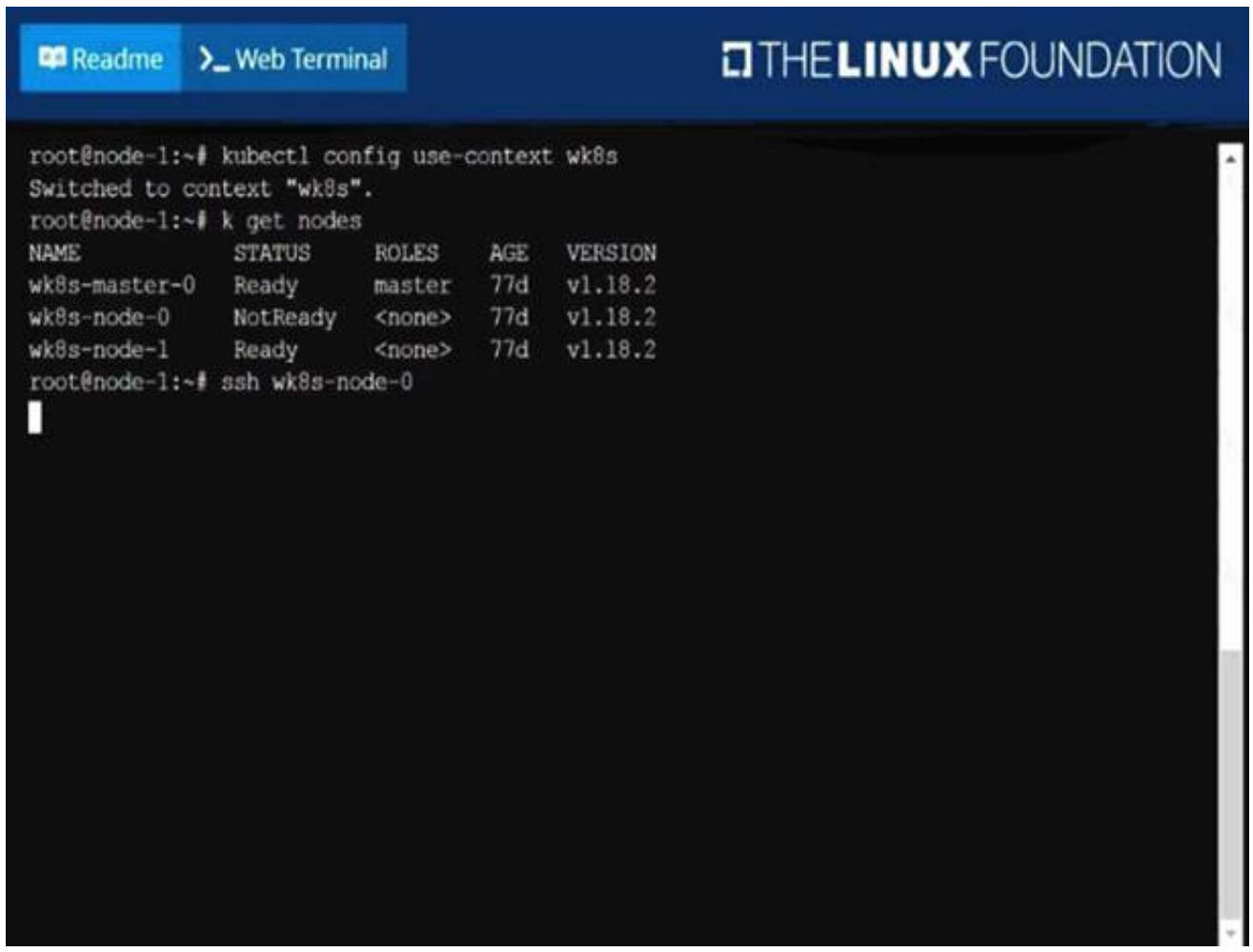

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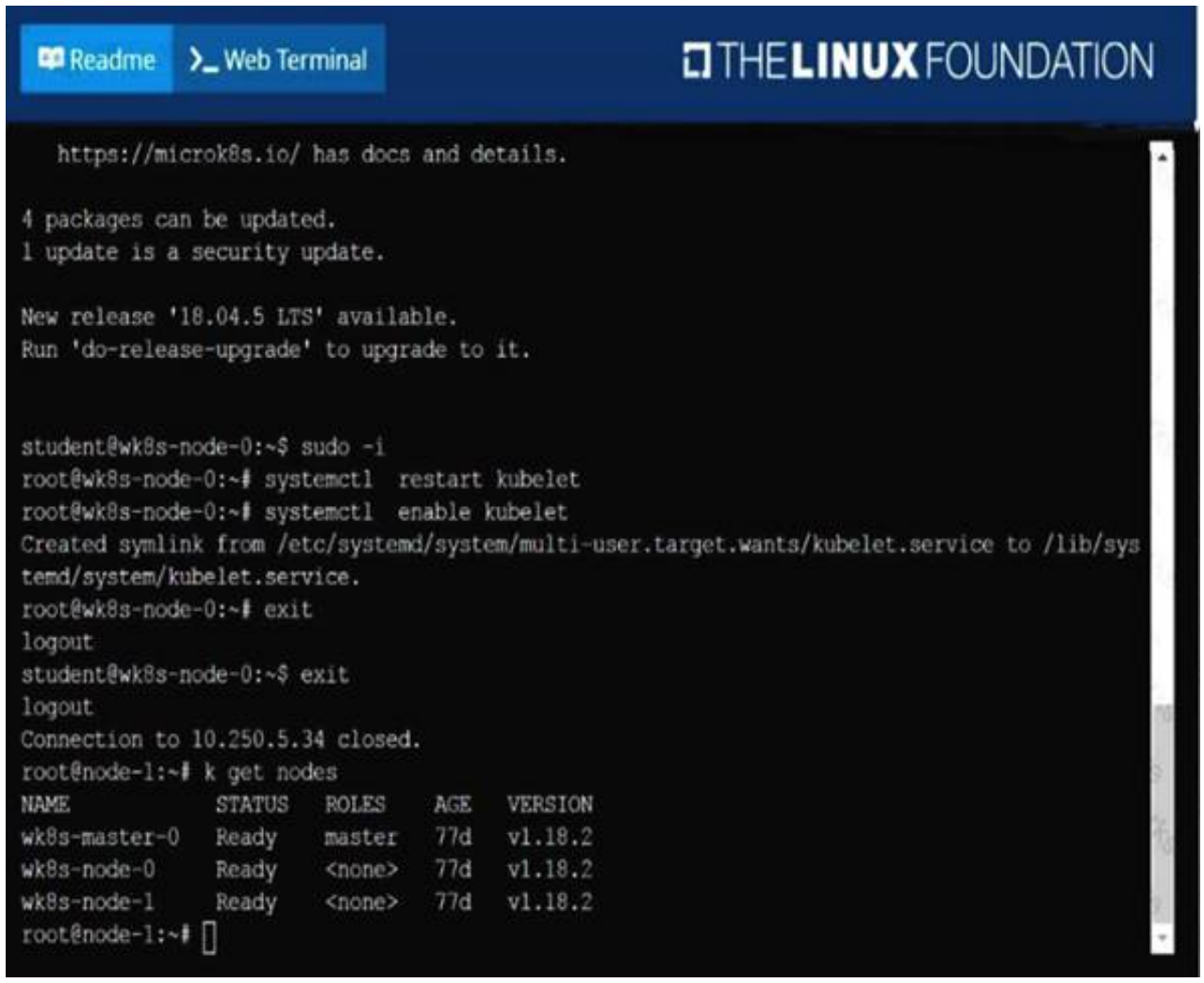

NEW QUESTION 10
Get list of all the pods showing name and namespace with a jsonpath expression.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 10
Check the image version in pod without the describe command

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubectl get po nginx -o jsonpath='{.spec.containers[].image}{"\n"}'

NEW QUESTION 11
From the pod labelname=cpu-utilizer, find podsrunning high CPU workloads and
write the name of the pod consumingmost CPU to thefile/opt/KUTR00102/KUTR00102.txt(which already exists).

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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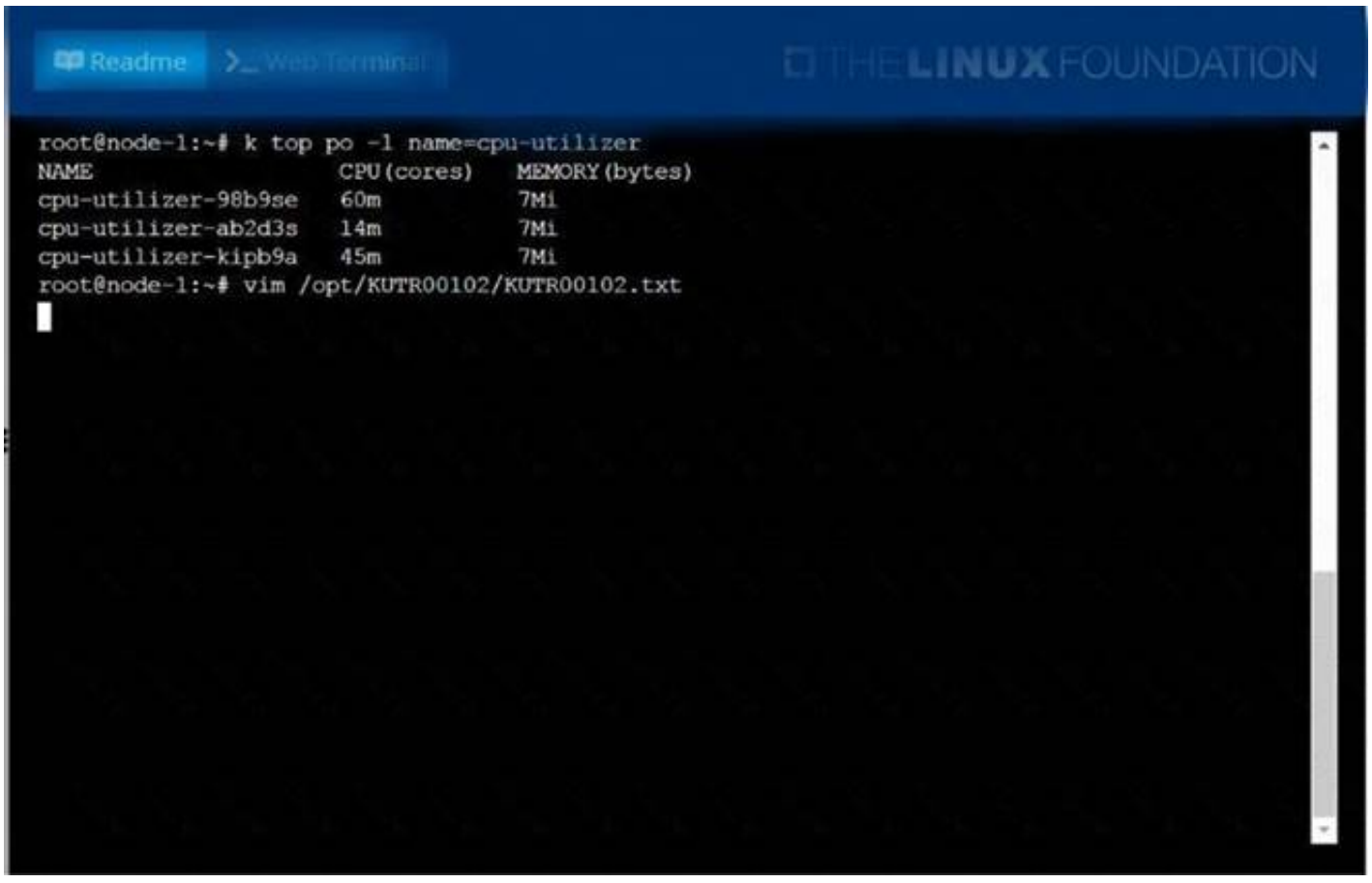

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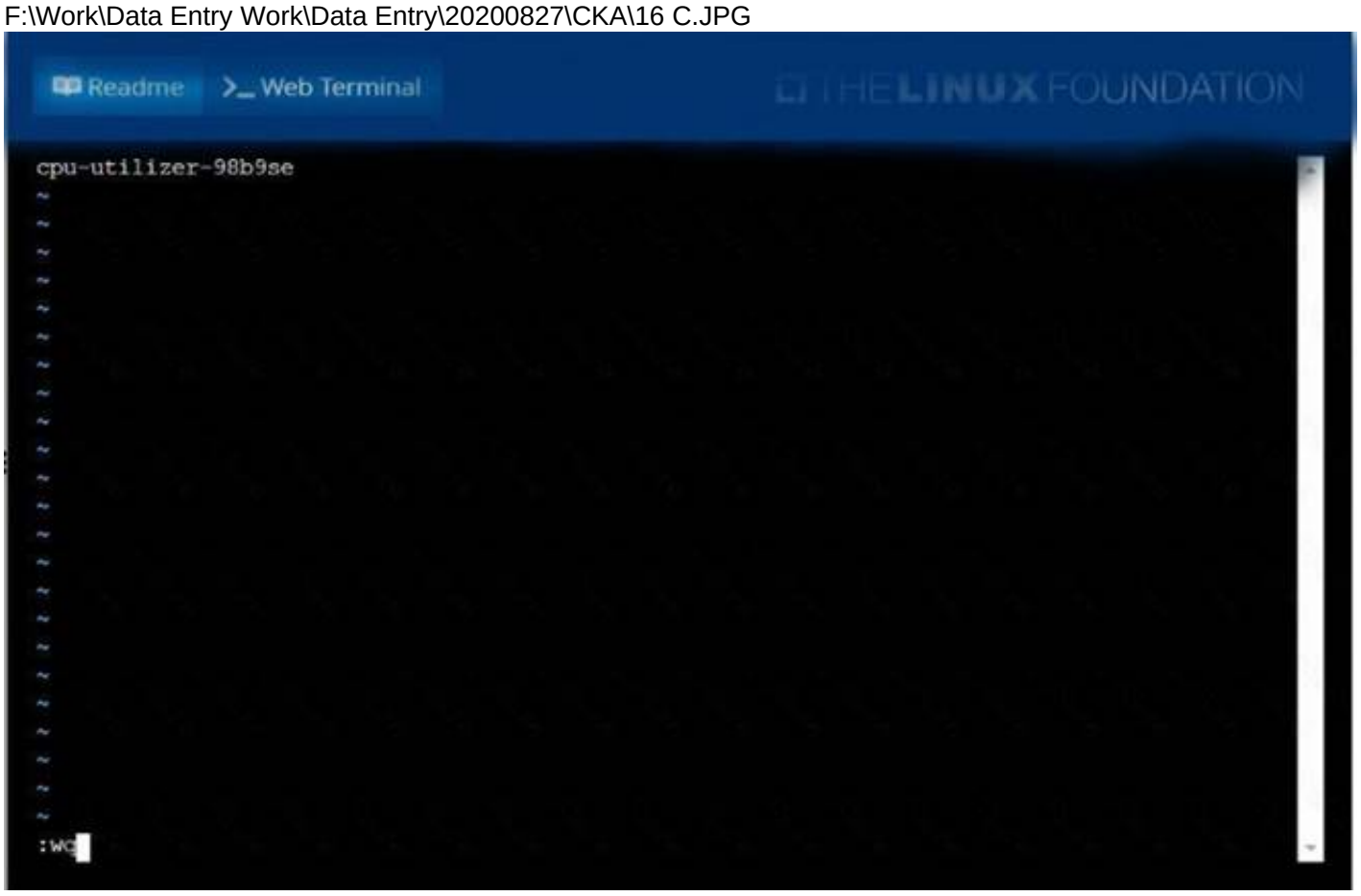

NEW QUESTION 16

Create and configure the servicefront-end-serviceso it's accessiblethroughNodePortand routes to theexisting pod namedfront-end.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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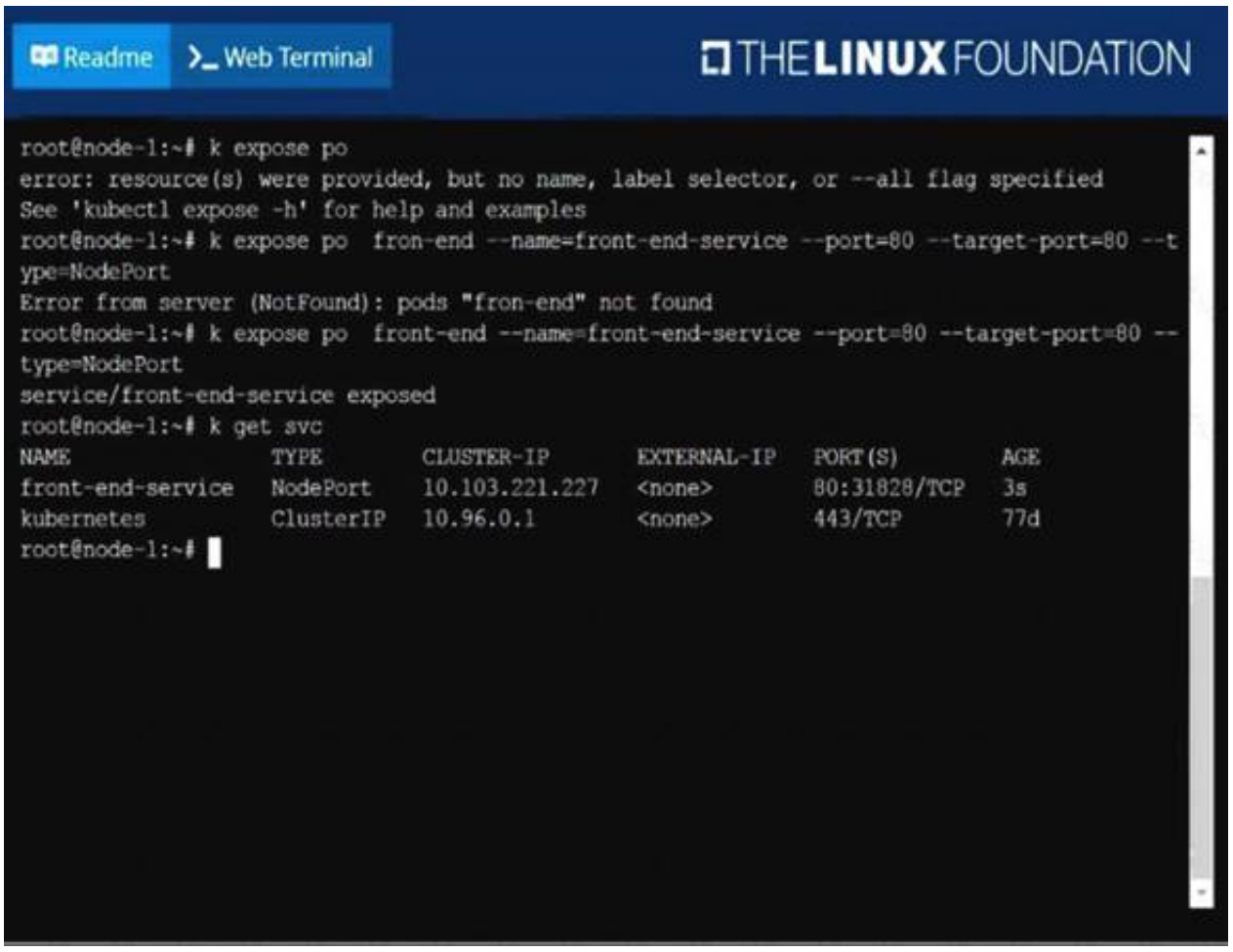

NEW QUESTION 19
For this item, you will havetosshto the nodesik8s-master-0andik8s-node-0and complete all tasks on thesenodes. Ensure that you return tothe base node (hostname:node-1) when you havecompleted this item.
Context
As an administrator of a smalldevelopment team, you have beenasked to set up a Kubernetes clusterto test the viability of a newapplication.
Task
You must usekubeadmto performthis task. Anykubeadminvocationswill require the use of the --ignore-preflight-errors=alloption.
- Configure thenodeik8s-master-Oas a masternode. .
- Join the nodeik8s-node-otothe cluster.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
You must use thekubeadmconfiguration file located at/etc/kubeadm.confwhen initializingyour cluster.
You may use any CNI pluginto complete this task, but ifyou don't have your favouriteCNI plugin's manifest URL athand, Calico is one popularoption:https://docs.projectcalico.org/v3.14/manifests/calico.yaml
Docker is already installedon both nodes andapthasbeen configured so that you caninstall the required tools.

NEW QUESTION 23
Get IP address of the pod ?C ??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 26
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 30
Create a snapshot of theetcdinstance running athttps://127.0.0.1:2379, saving thesnapshot to the file path /srv/data/etcd-snapshot.db.
The following TLScertificates/key are suppliedfor connecting to the server withetcdctl:

- CA certificate:/opt/KUCM00302/ca.crt
- Client certificate:/opt/KUCM00302/etcd-client.crt
- Client key:Topt/KUCM00302/etcd-client.key

A. Mastered
B. Not Mastered

Answer: A

Explanation:
solution
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NEW QUESTION 31
List all the pods sorted by created timestamp

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubect1 get pods--sort-by=.metadata.creationTimestamp

NEW QUESTION 33
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
kubectl 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 36
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