

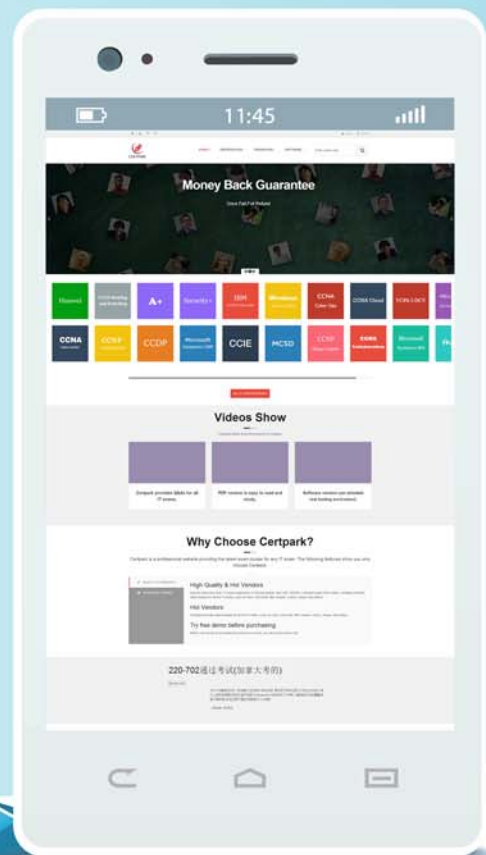
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QUESTION & ANSWER

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Exam : **CKA**

Title : Certified Kubernetes
Administrator

Version : DEMO

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

A. Solution:

```
kubectl create namespace development
```

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

Answer: A

2.Create a nginx pod with label env=test in engineering namespace See the solution below.

A. Solution:

```
kubectl run nginx --image=nginx --restart=Never --labels=env=test --namespace=engineering --dry-run -o yml > nginx-pod.yml
```

```
kubectl run nginx --image=nginx --restart=Never --labels=env=test --namespace=engineering --dry-run -o yml |
```

```
kubectl create -n engineering -f -
```

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.yml
```

Answer: A

3.Get list of all pods in all namespaces and write it to file "/opt/pods-list.yml"

A. Solution:

```
kubectl get po -all-namespaces > /opt/pods-list.yml
```

Answer: A

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

A. Solution:

```
kubectl run nginx --image=nginx --restart=Never --port=80
```

Answer: A

5.Create a busybox pod that runs the command "env" and save the output to "envpod" file

A. Solution:

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

Answer: A