Exam Questions CKA

Certified Kubernetes Administrator (CKA) Program

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NEW QUESTION 1
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 2
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 3
Create a deployment as follows:

 Name:nginx-app
 Using containernginxwithversion 1.11.10-alpine
 The deployment should contain3replicas
Next, deploy the application with newversion1.11.13-alpine, byperforming a rolling update.
Finally, rollback that update to theprevious version1.11.10-alpine.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
 solution
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NEW QUESTION 4
Create a pod namedkucc8with asingle app container for each of the
following images running inside(there may be between 1 and 4images specified): nginx + redis + memcached.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
 solution
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NEW QUESTION 5
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 6
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 7
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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NEW QUESTION 8
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 9
Create a Kubernetes secret asfollows:
 Name: super-secret
 password: bob
Create a pod namedpod-secrets-via-file, using theredisImage, which mounts a secret namedsuper-secretat /secrets.
Create a second pod namedpod-secrets-via-env, using theredisImage, which exportspasswordas CONFIDENTIAL

A. Mastered
B. Not Mastered

Answer: A

Explanation:

solution
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NEW QUESTION 10
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
Scale the deploymentwebserverto6pods.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
 solution
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NEW QUESTION 13
Print pod name and start time to ??/opt/pod-status?? file

A. Mastered
B. Not Mastered

Answer: A

Explanation:
kubect1 get pods -o=jsonpath='{range items[*]}{.metadata.name}{"\t"}{.status.podIP}{"\n"}{end}'

NEW QUESTION 15
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