

Exam Questions CKS

Certified Kubernetes Security Specialist (CKS) Exam

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NEW QUESTION 1

Create a network policy named restrict-np to restrict to pod nginx-test running in namespace testing. Only allow the following Pods to connect to Pod nginx-test:

- * 1. pods in the namespace default
- * 2. pods with label version:v1 in any namespace.

Make sure to apply the network policy.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your Feedback on this.

NEW QUESTION 2

Given an existing Pod named nginx-pod running in the namespace test-system, fetch the service-account-name used and put the content in /candidate/KSC00124.txt

Create a new Role named dev-test-role in the namespace test-system, which can perform update operations, on resources of type namespaces.

Create a new RoleBinding named dev-test-role-binding, which binds the newly created Role to the Pod's ServiceAccount (found in the Nginx pod running in namespace test-system).

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your feedback on it.

NEW QUESTION 3

A container image scanner is set up on the cluster. Given an incomplete configuration in the directory

/etc/Kubernetes/confcontrol and a functional container image scanner with HTTPS endpoint https://acme.local.8081/image_policy

- * 1. Enable the admission plugin.
- * 2. Validate the control configuration and change it to implicit deny.

Finally, test the configuration by deploying the pod having the image tag as the latest.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your feedback on it.

NEW QUESTION 4

Use the kubesecc docker images to scan the given YAML manifest, edit and apply the advised changes, and passed with a score of 4 points.

kubesecc-test.yaml

apiVersion: v1

kind: Pod

metadata:

name: kubesecc-demo

spec:

containers:

- name: kubesecc-demo

image: gcr.io/google-samples/node-hello:1.0

securityContext:

readOnlyRootFilesystem:true

Hint: docker run -i kubesecc/kubesecc:512c5e0 scan /dev/stdin< kubesecc-test.yaml

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your feedback on it.

NEW QUESTION 5

Using the runtime detection tool Falco, Analyse the container behavior for at least 20 seconds, using filters that detect newly spawning and executing processes in a single container of Nginx.

store the incident file at /opt/falco-incident.txt, containing the detected incidents. one per line, in the format [timestamp],[uid],[processName]

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your feedback on it.

NEW QUESTION 6

Create a Pod name Nginx-pod inside the namespace testing, Create a service for the Nginx-pod named nginx-svc, using the ingress of your choice, run the ingress on tls, secure port.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your feedback on it.

NEW QUESTION 7

use the Trivy to scan the following images,

- * 1. amazonlinux:1
- * 2. k8s.gcr.io/kube-controller-manager:v1.18.6

Look for images with HIGH or CRITICAL severity vulnerabilities and store the output of the same in /opt/trivy-vulnerable.txt

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Send us your suggestion on it.

NEW QUESTION 10

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