Linux-Foundation

Exam Questions CKS

Certified Kubernetes Security Specialist (CKS) Exam

NEW QUESTION 1
Given an existing Pod named test-web-pod running in the namespace test-system
Edit the existing Role bound to the Pod's Service Account named sa-backend to only allow performing get operations on endpoints.
Create a new Role named test-system-role-2 in the namespace test-system, which can perform patch operations, on resources of type statefulsets.
Create a new RoleBinding named test-system-role-2-binding binding the newly created Role to the Pod's ServiceAccount sa-backend.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Send us your feedback on this.

NEW QUESTION 2
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 art /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 3
Create a RuntimeClass named gvisor-rc using the prepared runtime handler named runsc. Create a Pods of image Nginx in the Namespace server to run on the gVisor runtime class

A. Mastered
B. Not Mastered

Answer: A

Explanation:
 Install the Runtime Class for gVisor
{ # Step 1: Install a RuntimeClass
cat <<EOF | kubectl apply -f -
apiVersion: node.k8s.io/v1beta1
kind: RuntimeClass
metadata:
name: gvisor
handler: runsc
EOF
}
 Create a Pod with the gVisor Runtime Class
{ # Step 2: Create a pod
cat <<EOF | kubectl apply -f -
apiVersion: v1
kind: Pod
metadata:
name: nginx-gvisor
spec:
runtimeClassName: gvisor
containers:
- name: nginx
image: nginx
EOF
}
 Verify that the Pod is running
{ # Step 3: Get the pod
kubectl get pod nginx-gvisor -o wide
}

NEW QUESTION 4
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 5
Before Making any changes build the Dockerfile with tag base:v1 Now Analyze and edit the given Dockerfile(based on ubuntu 16:04)
Fixing two instructions present in the file, Check from Security Aspect and Reduce Size point of view.
Dockerfile:
 FROM ubuntu:latest
 RUN apt-getupdate -y
 RUN apt install nginx -y
 COPY entrypoint.sh /
 RUN useradd ubuntu
 ENTRYPOINT ["/entrypoint.sh"]
 USER ubuntu
entrypoint.sh
 #!/bin/bash
 echo"Hello from CKS"
After fixing the Dockerfile, build the docker-image with the tag base:v2 To Verify: Check the size of the image before and after the build.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Send us your feedback on it.

NEW QUESTION 6
On the Cluster worker node, enforce the prepared AppArmor profile
 #include<tunables/global>
 profile nginx-deny flags=(attach_disconnected) {
 #include<abstractions/base>
 file,
 # Deny all file writes.
 deny/** w,
 }
 EOF'
Edit the prepared manifest file to include the AppArmor profile.
 apiVersion: v1
 kind: Pod
 metadata:
 name: apparmor-pod
 spec:
 containers:
 - name: apparmor-pod
 image: nginx
Finally, apply the manifests files and create the Pod specified on it. Verify: Try to make a file inside the directory which is restricted.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Send us your Feedback on this.

NEW QUESTION 10
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

CKS Practice Exam Features:

* CKS Questions and Answers Updated Frequently

* CKS Practice Questions Verified by Expert Senior Certified Staff

* CKS Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* CKS Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click

Order The CKS Practice Test Here