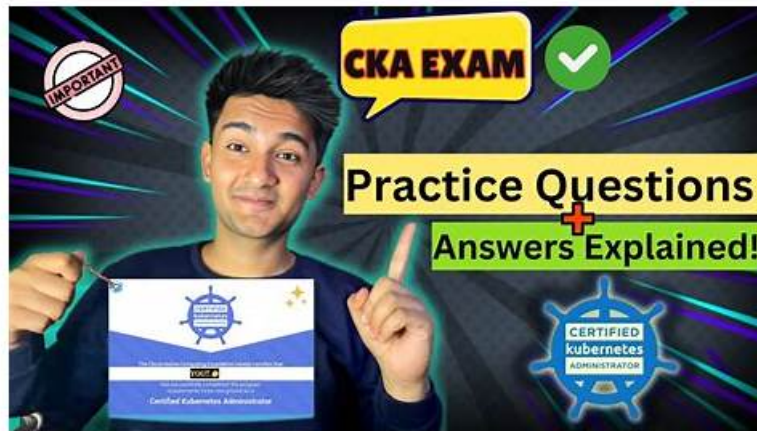


Professional CKA Reliable Exam Questions & Leader in Certification Exams Materials & Trustworthy Test CKA Collection



P.S. Free & New CKA dumps are available on Google Drive shared by TestPassKing: <https://drive.google.com/open?id=1DQ37nH6KGmb266QHejJk-bfQ1HSBUG5>

To add all these changes in the CKA exam questions we have hired a team of exam experts. They regularly update the Certified Kubernetes Administrator (CKA) Program Exam (CKA) exam questions as per the latest CKA Exam Syllabus. So you have the option to get free CKA exam questions update for up to 1 year from the date of CKA exam questions purchase.

The CKA exam is highly rigorous and requires extensive preparation. Candidates must have a deep understanding of Kubernetes architecture, networking, storage, security, and troubleshooting. CKA Exam also tests the candidate's ability to work with different Kubernetes tools such as kubectl, kubeadm, etcd, and kubelet.

>> CKA Reliable Exam Questions <<

Pass Guaranteed Quiz 2026 Trustable Linux Foundation CKA Reliable Exam Questions

You may doubt about such an amazing data of our pass rate on our CKA learning prep, which is unimaginable in this industry. But our CKA exam questions have made it. You can imagine how much efforts we put into and how much we attach importance to the performance of our CKA Study Guide. We use the 99% pass rate to prove that our CKA practice materials have the power to help you go through the exam and achieve your dream.

The CKA exam is a hands-on, performance-based exam that requires candidates to complete a set of practical tasks within a given time frame. CKA exam is conducted on a live Kubernetes cluster, and candidates are evaluated based on their ability to perform tasks such as creating and managing pods, configuring networking, and troubleshooting common issues. CKA Exam is designed to test the skills of candidates in a real-world scenario, and it is considered one of the most challenging and prestigious certifications in the field of Kubernetes.

Linux Foundation Certified Kubernetes Administrator (CKA) Program Exam Sample Questions (Q81-Q86):

NEW QUESTION # 81

Kubernetes. The microservices communicate with each other via a shared database. Explain how you would implement a strategy to manage persistent data in the database, ensuring availability and scalability for all microservices.

Answer:

Explanation:

See the solution below with Step by Step Explanation.

Explanation:

Solution (Step by Step) :

1. Use a Database with High Availability:

- Select a database system that supports high availability, such as MySQL with Galera or PostgreSQL with Patroni. These database systems can replicate data across multiple nodes, providing fault tolerance and scalability.

2. Deploy the Database as a StatefulSet:

- Create a StatefulSet for your database deployment, ensuring that each pod is assigned a unique name and volume claim. This will ensure that the database data is preserved even if pods are restarted or deleted.

3. Implement Persistent Volumes and Claims:

- Define PersistentVolumeClaims (PVCs) for each database node, requesting a storage class that provides the desired performance and resilience.

- Create corresponding PersistentVolumes (PVs) to back these PVCs, ensuring sufficient capacity and appropriate access modes.

4. Configure Microservice Pods to Access the Database:

- Configure each microservice pod to access the database using the StatefulSet's service name or a dedicated database service.

5. Utilize a Service Mesh:

- Consider deploying a service mesh like Istio to manage communication between microservices and the database. A service mesh provides features like load balancing, service discovery, and security, simplifying communication management.

6. Implement Monitoring and Alerting:

- Monitor the health and performance of both the database and microservices to quickly detect and resolve any issues. Configure alerts to notify you of critical events or failures.

7. Scale the Database as Needed:

- Use horizontal pod autoscaling (HPA) to automatically scale the database deployment based on its load. This ensures that the database can handle increasing traffic.

NEW QUESTION # 82

Given a partially-functioning Kubernetes cluster, identify symptoms of failure on the cluster.

Determine the node, the failing service, and take actions to bring up the failed service and restore the health of the cluster. Ensure that any changes are made permanently.

You can ssh to the relevant I nodes (bk8s-master-0 or bk8s-node-0) using:

```
[student@node-1] $ ssh <nodename>
```

You can assume elevated privileges on any node in the cluster with the following command:

```
[student@nodename] $ | sudo -i
```

Answer:

Explanation:

solution

☐

NEW QUESTION # 83

Check the Image version of nginx-dev pod using jsonpath

Answer:

Explanation:

```
kubectl get po nginx-dev -o jsonpath='{.spec.containers[].image}'
```

NEW QUESTION # 84

You have a Deployment that runs a containerized application. The application requires access to a specific service running in a different namespace. You need to define a NetworkPolicy to allow traffic from the application's Pods to the service in the other namespace only on port 8080.

Answer:

Explanation:

See the solution below with Step by Step Explanation.

Explanation:

Solution (Step by Step) :

1. Network Policy Definition:

2. Explanation: - 'apiVersion: networking.k8s.io/v1' Specifies the API version for NetworkPolicy resources. - 'kind: NetworkPolicy': Specifies that this is a NetworkPolicy resource. - 'metadata.name: allow-service-access': Sets the name of the NetworkPolicy. - 'metadata.namespace: Specifies the namespace where the NetworkPolicy is applied. Replace with the actual namespace where your deployment is running. - 'spec.podSelector.matchLabels: app: application': This selector targets Pods labeled with 'app: application', ensuring the NetworkPolicy applies to the application Pods. - 'spec.egress.to.namespaceSelector.matchLabels: service-namespace: This allows outgoing traffic only to the namespace labeled with 'service-namespace: Replace with the actual namespace of the service. - 'spec.egress.ports.port: 8080': This allows communication only on port 8080. - 'spec.egress.ports.protocol: TCP': Specifies the protocol (TCP) for the allowed port. 3. How it works: - This NetworkPolicy allows outgoing traffic from the application Pods only to the specified service in the different namespace and only on port 8080. It effectively restricts communication from the application Pods to only the intended target service. 4. Implementation: - Apply the YAML using 'kubectl apply -f allow-service-access.yaml' 5. Verification: After applying the NetworkPolicy, test the connectivity from the application Pods to the service in the other namespace on port 8080. You should observe that the NetworkPolicy successfully enforces the restrictions, allowing access only to the specified port and service.]

NEW QUESTION # 85

You need to set up a load balancer for your Nginx service with the following requirements:

- Session affinity: Preserve client sessions across multiple pods, even if the pod is restarted or rescheduled.
 - Health checks: Regularly check the health of Nginx pods and automatically remove unhealthy pods from the load balancer pool.
 - Custom header: Add a custom header with the name "X-App-Version" and value "v1.0" to all requests to your Nginx service.
- How would you configure your Kubernetes resources to meet these requirements?

Answer:

Explanation:

See the solution below with Step by Step Explanation.

Explanation:

Solution (Step by Step) :

1. Define the Service:

- Create a Service of type "LoadBalancer" for your Nginx service.
- Include the sessionAffinity field with a value of 'ClientIP' to enable client IP-based session affinity.

- Example:

2. Configure the Deployment: - In your Nginx Deployment, define a liveness probe and readiness probe to check the health of your Nginx containers. - Example:

3. Implement the Custom Header: - Configure an Ingress resource with the nginx.ingress.kubernetes.io/add-request-header annotation. - Example:

4. Apply the Configurations: - Apply the updated Service, Deployment, and Ingress resources using 'kubectl apply -f service.yaml -f deployment.yaml -f ingress.yaml'. 5. Verify the Load Balancer: - Access the Nginx service using the external IP address provided by the LoadBalancer. - Verify session affinity by making multiple requests and observing that they are consistently routed to the same pod. - Check the "X-App-Version" header in the responses to confirm that it is set to "v1.0".

NEW QUESTION # 86

.....

Test CKA Collection: <https://www.testpassking.com/CKA-exam-testking-pass.html>

- Test CKA Guide CKA Valid Exam Topics CKA Vce File Search for ⇒ CKA ⇐ and easily obtain a free download on ➡ www.prepawaypdf.com Exam Questions CKA Vce
- CKA Valid Exam Topics New CKA Study Plan Latest CKA Exam Test Easily obtain free download of “ CKA ” by searching on ✓ www.pdfvce.com ✓ Sample CKA Questions Answers
- Avail High-quality CKA Reliable Exam Questions to Pass CKA on the First Attempt Search for 「 CKA 」 and download it for free immediately on ➡ www.prepawayete.com Exam CKA Blueprint
- Sample CKA Questions Answers Test CKA Guide CKA Test Review Download 「 CKA 」 for free by simply searching on www.pdfvce.com Reliable CKA Test Online
- CKA Vce File CKA Valid Exam Topics Latest CKA Exam Guide Easily obtain { CKA } for free download through ➤ www.easy4engine.com Exam CKA Blueprint
- CKA Actual Test Pdf Exam Questions CKA Vce CKA Actual Test Pdf Easily obtain [CKA] for free

- download through ➡ www.pdfvce.com ☐ ☐ Reliable CKA Test Materials
- Practice CKA Test Online ☐ Examcollection CKA Dumps Torrent ☐ Latest CKA Exam Guide ☐ Open ☀ www.vce4dumps.com ☐ ☀ ☐ enter ☀ CKA ☐ ☀ ☐ and obtain a free download ☐ Latest CKA Exam Guide
 - 2026 100% Free CKA –Trustable 100% Free Reliable Exam Questions | Test Certified Kubernetes Administrator (CKA) Program Exam Collection ☐ Search for ➡ CKA ☐ on ➡ www.pdfvce.com ☐ ☐ ☐ immediately to obtain a free download ☐ Sample CKA Questions Answers
 - Latest CKA Exam Guide ☐ New Study CKA Questions ☐ CKA Actual Test Pdf ☐ 【 www.dumpsquestion.com 】 is best website to obtain ▶ CKA ◀ for free download ☐ New CKA Study Plan
 - 100% Pass Linux Foundation CKA Latest Reliable Exam Questions ☐ Easily obtain ► CKA ☐ for free download through ▷ www.pdfvce.com ◁ ☐ CKA Vce File
 - Reliable CKA Test Online ☐ New Study CKA Questions ↗ Latest CKA Exam Guide ☐ Download ➡ CKA ☐ for free by simply entering ☀ www.troytecdumps.com ☐ ☀ ☐ website ☐ Latest CKA Exam Test
 - roylaxt049101.wikibyby.com, thekivisocial.com, aprilpmfb147827.blogdosaga.com, johsocial.com, prestonskdc787815.wiki-jp.com, annieyxdv182767.bloggactivo.com, theduocean.org, mollysqr171130.blogunteer.com, getidealist.com, www.stes.tyc.edu.tw, Disposable vapes

2026 Latest TestPassKing CKA PDF Dumps and CKA Exam Engine Free Share: <https://drive.google.com/open?id=1DQ37nH6KGmb266QHejJk-bfvQ1HSBUG5>