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RedHat EX280 certification exam is a valuable certification for professionals who are looking to demonstrate their expertise in OpenShift Administration. EX280 exam tests a wide range of knowledge and skills, including installation and configuration, application management, troubleshooting, and security. Successful completion of the exam results in the award of the Red Hat Certified Specialist in OpenShift Administration certification, which is highly respected in the industry.

The Red Hat Certified Specialist in OpenShift Administration (EX280) certification exam is designed to validate the skills and knowledge required of a candidate to administer and manage Red Hat OpenShift Container Platform. EX280 Exam is intended for professionals who have experience with Red Hat OpenShift Container Platform and are responsible for managing, configuring, and troubleshooting OpenShift clusters. Red Hat Certified Specialist in OpenShift Administration exam certification is recognized as a valuable credential in the IT industry, making it an essential certification for professionals who are looking to advance their careers in OpenShift administration.

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The RedHat EX280 certification exam is a terrific and quick way to develop your profession. With just one RedHat EX280 exam, you can significantly advance both personally and professionally. One of the greatest methods to advance your skills is to sign up for the RedHat EX280 Certification Exam and devote all of your efforts to successfully passing the RedHat EX280 exam.

To prepare for the EX280 exam, candidates must have hands-on experience with OpenShift administration, along with a strong understanding of Red Hat Enterprise Linux and Kubernetes. Candidates can obtain the required skills and knowledge through Red Hat official training courses, online resources, practical assignments, and real-world experience with OpenShift administration. Passing the EX280 Exam requires not only theoretical knowledge but practical experience in deploying and managing applications on the OpenShift platform.

RedHat Red Hat Certified Specialist in OpenShift Administration exam Sample Questions (Q29-Q34):

NEW QUESTION # 29

Configure quotas

Configure your OpenShift cluster to use quotas in the manhattan project with the following requirements:

The name of the ResourceQuota resource is: ex280-quota

The amount of memory consumed across all containers may not exceed 1Gi

The total amount of CPU usage consumed across all containers may not exceed 2 full cores

The maximum number of replication controllers does not exceed 3 The maximum number of pods does not exceed 3 The maximum number of services does not exceed 6

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Solution:

```
$ oc project manhattan
```

```
$ oc create quota ex280-quota -- hard=memory=1Gi,cpu=2,pods=3,services=6,replicationcontrollers=3
```

```
$ oc get resourcequota
```

NEW QUESTION # 30

Configure cluster permissions

Configure your OpenShift cluster to meet the following requirements: The user account jobs can perform cluster administration tasks

The user account woźniak can create projects The user account woźniak cannot perform cluster administration tasks The user

account armstrong cannot create projects The user account kubeadmin is not present

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Solution:

```
$ oc adm policy add-cluster-role-to-user cluster-admin jobs
```

```
$ oc adm policy remove-cluster-role-from-group self-provisioner
```

```
system:authenticated:oauth
```

```
$ oc adm policy add-cluster-role-to-user self-provisioner woźniak
```

```
$ oc delete secret kubeadmin -n kube-system
```

NEW QUESTION # 31

Create Network Policy

Task information Details:

Create a NetworkPolicy named mysql-db-conn that permits ingress to database pods only from pods matching the specified labels in namespaces labeled team=devsecops , on TCP port 3306 .

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Solution:

* Create a file named mysql-db-conn.yaml:

```
apiVersion: networking.k8s.io/v1
```

```
kind: NetworkPolicy
```

```
metadata:
```

```
name: mysql-db-conn
```

```
spec:
```

```
podSelector:
```

```
matchLabels:
```

```
networking.k8s.io/v1/network: database
```

```
policyTypes:
```

```
- Ingress
```

```
ingress:
```

```
- from:
```

```
- namespaceSelector:
```

```
matchLabels:
team: devsecops
podSelector:
matchLabels:
deployment: my-web-mysql
ports:
- protocol: TCP
port: 3306
* Apply it:
oc apply -fmysql-db-conn.yaml
* Verify:
oc get networkpolicy
oc describe networkpolicy mysql-db-conn
```

This task tests namespace/pod label selection and application isolation using OpenShift networking policy controls.

NEW QUESTION # 32

Scale an application automatically

Automatically scale the hydra application deployment configuration in the lerna project with the following requirements:

Minimum number of replicas: 6 Maximum number of replicas: 9

Target average CPU utilization: 60 percent Container CPU resource request: 25m Container CPU resource limit: 100m

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Solution:

```
$ oc project lerna
```

```
$ oc get pods
```

```
$ oc get all | grep deployment
```

```
$ oc autoscale deployment.apps/hydra --max=9 --min=6 --cpu-percent=60
```

```
$ oc get hpa
```

```
$ oc set resources deployment.apps/hydra --limits=cpu=100m -- requests=cpu=25m
```

```
$ oc describe deployment.apps/hydra | grep Limits -A3
```

NEW QUESTION # 33

Start a Probe in Project Start

Task information Details:

Add a Liveness Probe to the deployment in project start using the Web Console.

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Solution:

- * Open the Web Console.

- * Switch to project start .

- * Navigate to: Workloads # Deployments

- * Select the target deployment.

- * Click the action menu and choose: Add Health Checks

- * Select Liveness Probe .

- * Configure the appropriate probe type:

- * HTTP

- * TCP

- * or Command

- * Enter the required endpoint or command based on the application.

- * Save the configuration.

