

EX380 Cert Exam - EX380 Valid Test Registration



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RedHat EX380 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Manage workloads with cluster partitioning: Covers dedicating cluster nodes to specific workloads by configuring node pools, machine configurations, and special-purpose operators.
Topic 2	<ul style="list-style-type: none">• Back up and restore applications with OpenShift API for Data Protection (OADP): Covers deploying OADP, performing full application backups including data and resources, using volume snapshots, and scheduling and restoring backups.
Topic 3	<ul style="list-style-type: none">• Manage workloads with pod scheduling: Covers controlling where pods run using taints, tolerations, labels, selectors, affinity rules, and pod disruption budgets to ensure workload placement and resiliency.

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RedHat Red Hat Certified Specialist in OpenShift Automation and Integration Sample Questions (Q42-Q47):

NEW QUESTION # 42

Add a second Identity Provider (HTPasswd) alongside LDAP

Task Information : Configure multiple identity providers by adding an HTPasswd IDP without removing the existing LDAP IDP.

Answer:

Explanation:

See the solution below in Explanation:

Explanation:

- * Create a local htpasswd file with a test user
- * `htpasswd -c -B -b /tmp/htpass.txt testuser RedHat123!`
- * `-c` creates a new file (use only once).
- * `-B` uses bcrypt hashing (recommended).
- * `-b` supplies password non-interactively (good for labs).
- * Create the HTPasswd secret in openshift-config
- * `oc -n openshift-config create secret generic htpass-secret --from-file=htpasswd=/tmp/htpass.txt`
- * OAuth reads the htpasswd key from this secret.
- * Edit OAuth and add the HTPasswd provider (keep LDAP intact)
- * `oc edit oauth cluster`

Add another entry under `spec.identityProviders`:

`- name: local-htpasswd`

`mappingMethod: claim`

`type: HTPasswd`

`htpasswd:`

`fileData:`

`name: htpass-secret`

- * This adds a second login option while preserving LDAP.
- * Restart OAuth pods
- * `oc -n openshift-authentication delete pod -l app=oauth-openshift`
- * Ensures the updated list of identity providers is loaded.
- * Verify login works for htpasswd user
- * Log in via console using testuser.
- * Confirm the user is created:
- * `oc get user testuser`

NEW QUESTION # 43

Install OADP Operator and verify Velero components

Task Information : Install the OADP operator and confirm Velero pods/components are running.

Answer:

Explanation:

See the solution below in Explanation:

Explanation:

- * Install OADP via Web Console
- * Operators # OperatorHub # search OADP / OpenShift API for Data Protection # Install
- * Explanation: This operator manages Velero and backup integrations.
- * Verify the operator CSV is installed
- * `oc get csv -A | grep -i -E "oadp|data protection|velero"`
- * Confirms installation succeeded.
- * Verify pods in the OADP namespace (commonly openshift-adp)
- * `oc get pods -n openshift-adp`
- * You should see Velero/OADP-related pods in Running state.

NEW QUESTION # 44

Backup and Restore - Fix SCC for Restored Application

Answer:

Explanation:

See the solution below in Explanation:

Explanation:

Step 1: Identify the application namespace after restore.

The lab shows the namespace as `my-app-namespace`.

Step 2: Run the SCC assignment command:

oc adm policy add-scc-to-user anyuid -z default -n my-app-namespace

Step 3: Confirm the role binding is applied.

The lab output shows:

clusterrole.rbac.authorization.k8s.io/systemopenshift.scc:anyuid added: "default" Detailed explanation:

After a restore, the application may fail if its pods require a security context not permitted by the default SCC allocation. This command grants the anyuid SCC to the default service account in the my-app-namespace project. The -z default syntax targets the default service account, which many restored workloads use if no custom service account is defined. The anyuid SCC allows containers to run with arbitrary user IDs, which some legacy or prebuilt images require. In OpenShift, SCC mismatches commonly cause pods to remain in pending or crash-related states. Assigning the proper SCC resolves those admission issues so workloads can start successfully. This step is therefore a post-restore operational fix to align security policy with application requirements.

NEW QUESTION # 45

Configure RBAC roles with users and groups

Task Information : Grant edit to group dev-team in namespace payments, and grant view to user auditor1.

Answer:

Explanation:

See the solution below in Explanation:

Explanation:

- * Create (or switch to) the project
- * oc new-project payments
- * Namespace must exist before applying rolebindings.
- * Grant edit to the group
- * oc -n payments policy add-role-to-group edit dev-team
- * Members of dev-team can modify most resources in payments.
- * Grant view to a user
- * oc -n payments policy add-role-to-user view auditor1
- * auditor1 can read resources but not change them.
- * Verify rolebindings
- * oc -n payments get rolebinding

NEW QUESTION # 46

Create and apply a MachineConfig (set MOTD on workers)

Task Information : Create a MachineConfig that writes /etc/motd on worker nodes.

Answer:

Explanation:

See the solution below in Explanation:

Explanation:

- * Create the MachineConfig YAML (example content encoded in base64)
- * apiVersion: machineconfiguration.openshift.io/v1
- * kind: MachineConfig
- * metadata:
- * name: 99-worker-motd
- * labels:
- * machineconfiguration.openshift.io/role: worker
- * spec:
- * config:
- * ignition:
- * version: 3.2.0
- * storage:
- * files:
- * - path: /etc/motd
- * mode: 0644
- * contents:
- * source: data:text/plain;charset=utf-8;base64,VGhpcyBpcyBhIHdvcmlciBub2RILg==

