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QUESTION 1

You are working for a Travel company and your travel portal application is a collection of microservices that run on Oracle Cloud Infrastructure Container Engine for Kubernetes. As per the recent security overview, you have noticed that Oracle has published a newer image of the Operating System used by the worker nodes. You want to make sure that your application doesn\\'t face any downtime but at the same time the worker nodes gets upgraded to the latest version of the Operating System.

What should you do to get this upgrade done without application downtime? (Choose the best answer.)

A. 1. Shutdown the worker nodes 2. Create a new node pool 3. Manually schedule the pods on the newly built node pool

B. 1. Create a new node pool using the latest available Operating System image. 2. Run kubectl cordon against all the worker nodes in the old pool to stop any new application pods to get scheduled 3. Run kubectl drain """delete""local""data """force """ignore""daemonsets to evict any Pods that are running 4. Delete the old node pool

C. 1. Create a new node pool using the latest available Operating System image 2. Run kubectl taint nodes """all node""role.kubernetes.io/master"" 3. Delete the old node pool

D. 1. Run kubectl cordon against all the worker nodes in the old pool to stop any new application pods to get scheduled 2. Run kubectl drain """delete""local""data """force """ignore""daemonsets to evict any Pods that are running 3. Download the patches for the new Operating System image 4. Patch the worker nodes to the latest Operating System image

Correct Answer: B

https://docs.cloud.oracle.com/en-us/iaas/Content/ContEng/Tasks/contengupgradingk8sworkernode.htm

QUESTION 2

A company is running High Performance Computing workloads on Oracle Cloud Infrastructure and are using OCI bare metal compute shape. They have decided to create a custom image of the bare metal instance\\'s boot disk and use it to launch other instances.

Which of the following is a NOT a true statement?

A. Before you create a custom image of an instance, you must disconnect all iSCSI attachments and remove all iscsid node configurations from the instance.

B. Editing custom Windows images is not supported due to hardware differences between shapes.

C. Custom images do not include the data from any attached block volumes.

D. You can create additional custom images of an instance while the instance is engaged in the image creation process.

Correct Answer: D

QUESTION 3

You have deployed a multi-tier application with multiple compute instances in Oracle Cloud Infrastructure. You want to back up these volumes and have decided to use Volume Group\\'s feature. The Block volume and Compute instances exist in different compartments within your tenancy.

Periodically. a few child compartments are moved under different parent compartments, and you notice that sometimes volume group backup fails.

What could be the cause?

A. You are exceeding your volume group backup quota configured.

B. You have the same block volume attached to multiple compute instances; if these compute instances are in different compartments then all concerned compartments must be moved at the same time.

C. Compute instance with multiple block volumes attached cannot move when a compartment is moved.

D. The Identity and Access Management policy allowing backup failed to move when the compartment was moved.

Correct Answer: D

You can move a compartment to a different parent compartment within the same tenancy. When you move a compartment, all its contents (subcompartments and resources) are moved with it. Moving a compartment has implications for the

contents. After you move a compartment to a new parent compartment, the access policies of the new parent take effect and the policies of the previous parent no longer apply. Before you move a compartment, ensure that:

You are aware of the policies that govern access to the compartment in its current position. You are aware of the polices in the new parent compartment that will take effect when you move the compartment.

In some cases, when moving nested compartments with policies that specify the hierarchy, the polices are automatically updated to ensure consistency.

QUESTION 4

Which three scenarios are suitable for the use of Oracle Cloud Infrastructure (OCI) Autonomous Transaction Processing - Serverless (ATP-S) deployment? (Choose three.)

A. A well-established, online auction marketplace is running an application where there is database usage 24x7, but also has peaks of activity that are hard to predict. When the peaks happen, the total activities may reach 3 times the normal activity level.

B. A midsize company is considering migrating its legacy on-premises MongoDB database to Oracle Cloud Infrastructure (OCI). The database has significantly higher workloads on weekends than weekdays.

C. A manufacturing company is running Oracle E-Business Suite application on-premises. They are looking to move this application to OCI and they want to use a managed database offering for their database tier.

D. A developer working on an internal project needs to use a database during work hours but doesn\\'t need it during nights or weekends. The project budget requires her to keep costs low.

E. A small startup is deploying a new application for eCommerce and it requires a database to store customers\\' transactions. The team is unsure of what the load will look like since it is a new application.

Correct Answer: ADE

QUESTION 5

You are a solution architect working with a startup that has decided to move their workload to Oracle Cloud Infrastructure. Since their workload is small, upon architecting, you decide its sufficient to use 8 compute instances to run their workload. The company wants to use a common storage for their instances. So, you propose the idea of attaching a block volume to multiple instances to provide a common storage.

Which of the below option is NOT true for such a solution?

A. If the block volume is already attached to an instance as read/write non-shareable you can\\'t attach it to another instance until you detach it from the first instance.

B. Block volumes attached as read-only are configured as shareable by default.

C. You can delete a block volume from one instance without detaching it from all other instances there by keeping other instance\\'s storage intact.

D. Once you attach a block volume to an instance as read-only, it can only be attached to other instances as read-only.

Correct Answer: C