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QUESTION NO: 1

:

(CHK) You are a security administrator for your company's Oracle Cloud Infrastructure (OCI) tenancy. Your storage administrator tells you that they cannot associate an encryption key from OCI Vault to an Object Storage bucket in a new compartment, what is the reason?

- A. The storage administrator forgot to select "Oracle Managed" while creating the bucket.
- B. The resource bucket policy lacks the necessary Access Control List (ACL).
- C. There is no Identity and Access Management (IAM) policy allowing the Object Store service to use the Vault key.
- D. The secret for the key was not created beforehand.

ANSWER: D

QUESTION NO: 2

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You have migrated an on-premise application to Oracle Cloud Infrastructure (OCI) and have started using the OCI DevOps service. You want to use Kubernetes cluster in your deployment architecture. Which two tools or services should you use to do this? (Choose two.)

- A. Compute Jenkins Plug-in
- B. Ansible Collection
- C. Chef Knife Plug-in
- D. Terraform
- E. OCI Resource Manager

ANSWER: B D

QUESTION NO: 3

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A development team leveraging the Oracle Cloud Infrastructure DevOps service is having trouble getting their build pipeline to complete successfully. Which two situations might be the problem? (Choose two.)

- A. The build spec.yaml file is in the root directory of their Git repository, and they didn't specify a path to it.

- B. Their build specification file is available in a different directory of their Git repository, and there is no reference to its location.
- C. They forgot to export a required variable in the build_spec.yaml file.
- D. Their source code and Kubernetes manifest are in different Git repositories.
- E. They did not export a vault variable in the vaultVariables section of the build_spec.yaml file.

ANSWER: B E

QUESTION NO: 4

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You're using Oracle Cloud Infrastructure (OCI) DevOps to deploy your application on an Oracle Container Engine for Kubernetes (OKE) environment. You push your code to the OCI Code Repository, add a stage and configure the build pipeline. When you run the build, you see "unable to clone the repository" error. What could the configuration error be?

- A. Artifacts and build spec are removed before running the build.
- B. Source files are connected directly to the build pipeline.
- C. Dynamic Groups access and OCI IAM policies to the code repository are not set.
- D. More stages were added than required to the build pipeline.

ANSWER: C

Explanation:

Explanation

Reference: <https://docs.oracle.com/en-us/iaas/Content/devops/using/troubleshooting.htm>

QUESTION NO: 5

:

Which TWO components are optional while creating Monitoring Query Language (MQL) expressions in Oracle Cloud Infrastructure Monitoring service? (Choose two.)

- A. Statistic
- B. Dimensions
- C. Interval
- D. Metric
- E. Grouping Function

ANSWER: B E

Explanation:

Explanation

Reference: <https://docs.oracle.com/en-us/iaas/Content/Monitoring/Reference/mql.htm>

QUESTION NO: 6

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Which two changes to infrastructure with the Oracle Cloud Infrastructure (OCI) Provider for Terraform will NOT result in any resources being destroyed or provisioned? (Choose two.)

- A. adding a subnet to a VCN
- B. changing the Display Name of a compute instance
- C. changing the image OCID of a compute instance
- D. adding a CIDR block to a VCN
- E. changing the shape of a compute instance

ANSWER: A D

QUESTION NO: 7

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A DevOps engineer is asked to access an Oracle Cloud Infrastructure Container Engine for Kubernetes (OKE) cluster to deploy new applications and manage existing ones. Which three statements are true? (Setting Up Cluster Access). (Choose three.)

- A. When a cluster's Kubernetes API endpoint has a public IP address, you can access the cluster in Cloud Shell by setting up a kubeconfig file
- B. Generating an API signing key pair is a mandatory step while setting up cluster access using local machine if the public key is not already uploaded in the console.
- C. To access the cluster using kubectl you have to set up a Kubernetes manifest file for the cluster. The kubeconfig file by default is named config and stored in the \$HOME/.manifest directory
- D. To access the cluster using kubectl you have to set up a Kubernetes configuration file for the cluster. The kubeconfig file by default is named config and stored in the \$HOME/.kube directory.
You cannot setup Cloud shell access to the cluster if the clusters Kubernetes API end-point has a private IP address.

ANSWER: A B D

Explanation:

Explanation

Reference: <https://docs.oracle.com/en-us/iaas/Content/ContEng/Tasks/contengdownloadkubecconfigfile.htm>

QUESTION NO: 8

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You host your application on a stack in Oracle Cloud Infrastructure (OCI) Resource Manager. Due to recent growth in your user base, you decide to add a CIDR block to your VCN, add a subnet, and provision a compute instance in it. Which statement is true?

- A. You can make the changes to the Terraform code, run an Apply job, and Resource Manager will provision the new resources.
- B. You cannot provision the new resources in the OCI console first, then later add them to the Terraform configuration and state.
- C. You can provision the new resources in the OCI console and add them to the stack with Drift Detection.
- D. You need to provision a new stack because Terraform uses immutable infrastructure.

ANSWER: D

QUESTION NO: 9

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Your application development team has an existing GitHub repository for their code. Your application development team has an existing GitHub repository for their code. You would like to mirror it on Oracle Cloud Infrastructure (OCI) in order to deploy an application to an Oracle Container Engine for Kubernetes (OKE) environment using the OCI DevOps service. Which action can be done AFTER you trigger a Build Pipeline?

- A. Create a reference to a secret in the OCI Vault
- B. Configure the SSH file so that their SSH key is used when connecting to OCI Code Re-positories
- C. Set up a Kubernetes cluster as an environment for deployment
- D. Configure an OCI compartment for storing DevOps resources

ANSWER: A

QUESTION NO: 10

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Why is it important to extract output artifacts from the Oracle Cloud Infrastructure (OCI) DevOps build pipeline and store them in an Artifact Registry repository?

- A.** Storing build artifacts in registries helps the deployment pipeline differentiate output artifacts created by the build pipeline from artifacts copied from a Git repository.
- B.** All artifacts are permanently stored in the build pipeline. Extracting just the ones re-quired for deployment tells the deployment pipeline which artifacts to use.
- C.** Deliver Artifacts is a required stage of the build pipeline, and the entire pipeline won't work if it is not included in order to extract artifacts after the Managed Build stage.
- D.** Output artifacts aren't permanent. If they are to be used in the Deliver Artifacts stage, they need to be exported as output artifacts to a registry.

ANSWER: C