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Testing yourself is an effective way to enhance your knowledge and become familiar with the 1Z0-1109-25 exam format. Rather than viewing the 1Z0-1109-25 test as a potentially intimidating event, Itcertkey Oracle Cloud Infrastructure 2025 DevOps Professional (1Z0-1109-25) desktop and web-based practice exams help candidates assess and improve their knowledge. If your 1Z0-1109-25 Practice Exams (desktop and web-based) results aren't ideal, it's better to experience that shock during a mock exam rather than the 1Z0-1109-25 actual test.

Oracle 1Z0-1109-25 Exam Syllabus Topics:

Topic	Details
Topic 1	• Understand DevOps Principles and Effectively Work with Containerization Services: This section of the exam measures the skills of DevOps Engineers and Cloud Architects in applying DevOps methodologies and containerization practices. It covers implementing a microservices architecture, creating Docker containers, and managing Oracle Cloud Infrastructure Registry (OCIR) and Container Instances to streamline application deployment and scalability.
Topic 2	• Using Code and Templates for Provisioning and Configuring Infrastructure: This domain evaluates the expertise of DevOps Engineers and Infrastructure Architects in deploying infrastructure using Infrastructure as Code (IaC) tools like Terraform. It focuses on automating resource provisioning with OCI Resource Manager to ensure consistent and efficient infrastructure setups.
Topic 3	• Implementing Monitoring and Observability (O&M): This section evaluates the expertise of Site Reliability Engineers (SREs) and Monitoring Specialists in tracking system performance using OCI Monitoring, Logging, and Events services. It analyzes metrics, logs, and events to maintain system reliability and troubleshoot operational issues effectively.

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Oracle Cloud Infrastructure 2025 DevOps Professional Sample Questions (Q29-Q34):

NEW QUESTION # 29
Your team is responsible for deploying a new version of an application that is being used by your company's finance department. The application is critical to the department's operations, and any downtime could have serious consequences.
What is the recommended approach in OCI for creating environments for this scenario?

- A. Use a single OCI region and create two separate Virtual Cloud Networks (VCNs), one for the blue environment and one for the green environment.
- B. Deploy the application to two separate OCI tenancies to ensure complete isolation between environments.
- C. Configure two OKE clusters, selecting the blue-green traffic shift strategy using a load balancer.
- D. Use a single Kubernetes cluster with two node pools, one for the blue-green environment and one for the canary environment.

Answer: D

Explanation:
For critical applications, such as the one used by the finance department, a blue-green deployment strategy is recommended to ensure minimal or zero downtime during upgrades. The blue-green strategy involves running two separate environments: blue (current version) and green (new version).

NEW QUESTION # 30
As a DevOps engineer at XYZ Corp, you are responsible for ensuring the smooth operation of high-traffic web applications hosted on Oracle Cloud Infrastructure (OCI). The web applications run on multiple OCI resources, including virtual machines, load balancers, and databases. Recently, users have reported failures while accessing one of the OCI-based web applications, and you suspect HTTP 5XX errors on the load balancer. You need to quickly identify and address this issue.
Which of the following statements can assist you in quickly identifying and monitoring the HTTP 5XX error rate on the load balancer and setting up notifications?

- A. Use Metrics and Alarms of the Monitoring service with Container Engine for Kubernetes (OKE) to monitor HTTP 5XX errors on Kubernetes resources and correlate them with other OCI resources.
- B. Use Custom Metrics of the Monitoring service to collect HTTP 5XX error rates from the load balancer and set up Service Connectors with third-party services such as PagerDuty or Slack.
- C. Use Metrics and Alarms of the Monitoring service to monitor the HTTP 5XX error rate on the load balancer and set up notifications with OCI Notifications.
- D. Use Event Rules to detect HTTP 5XX errors on the load balancer and trigger automated actions using OCI Functions or API Gateway.

Answer: A

Explanation:
The Monitoring service in OCI can be used to track metrics for various OCI resources, including load balancers. You can monitor specific metrics, such as HTTP 5XX error rates, to identify issues.
By using Alarms, you can set up thresholds for the HTTP 5XX error rate and receive notifications when the threshold is breached. The notifications can be configured through OCI Notifications, which allows integration with email, PagerDuty, Slack, and other

channels.

NEW QUESTION # 31
As a DevOps engineer working on a CI/CD pipeline for your company's application, you have completed code analysis, image scanning, and automated testing.
What is the next step to ensure a secure and reliable deployment?

- A. Add a traffic Shift stage to route the traffic between two sets ofbackend IPs.
- B. Add an invoke function stage to run code or custom logic in a serverless manner.
- C. Add a shell stage to run custom commands in the deployment pipeline.
- D. Add an approval stage to pause the deployment for a specified duration for manual decision from the approver.

Answer: D

Explanation:
After completing code analysis, image scanning, and automated testing, the next step in the CI/CD pipeline should include a manual review to ensure that all necessary security and quality checks have been performed correctly. Adding an approval stage helps ensure that a secure and reliable deployment is achieved by requiring human verification and approval before proceeding with the deployment to production.
This step adds an extra layer of control to prevent unintended issues from moving forward without further review. It is a common practice in CI/CD pipelines to have an approval step, especially for critical deployments.

NEW QUESTION # 32
What is the correct approach to upgrade an Oracle Container Engine for Kubernetes (OKE) Cluster to a newer version of Kubernetes?

- A. Upgrade the node pools one at a time, then once all node pools are upgraded, upgrade the control plane.
- B. Upgrade the control plane, then upgrade the node pools.
- C. Initiate the automated upgrade process using the OCI Console, CLI, or API.
- D. Initiate the control plane and node pool upgrades simultaneously.

Answer: B

Explanation:
The correct approach to upgrade an Oracle Container Engine for Kubernetes (OKE) cluster involves first upgrading the Kubernetes control plane, followed by upgrading the node pools. The control plane must be upgraded first to ensure compatibility with newer versions of Kubernetes, as node pools rely on the control plane for orchestration and management.
After upgrading the control plane, each node pool is upgraded to match the new Kubernetes version. This phased approach ensures the cluster remains in a stable state during the upgrade.

NEW QUESTION # 33
You are a developer and have been asked to develop an e-commerce website for your organization. It must support a variety of clients including desktop browsers, mobile browsers and native mobile applications.
Which two approaches can you use to build the application to achieve deployment independence, easier technology upgrades, and resiliency to architecture changes? (Choose two.)

- A. Choose monolithic approach over microservices as it has better fault isolation capability.
- B. Use monolithic approach, as it allows you to easily redeploy your applications to perform frequent updates.
- C. Use monolithic approach to as it makes it easier to incrementally adapt to newer technology.
- D. Use microservices architecture as it eliminates any long-term commitment to a technology stack.
- E. Implement each module as an independent service/process which can be replaced, updated, or deleted without disrupting the rest of the application.

Answer: D,E

Explanation:
By implementing each module as an independent service/process (which is a core feature of microservices architecture), you can replace, update, or delete services without affecting the rest of the application. This ensures deployment independence and makes it

easier to adapt to architecture changes or technology upgrades without major disruptions.
Microservices architecture allows each service to be built with the best-suited technology stack for its specific function. This flexibility ensures that you are not tied to a single technology for the entire application, making future technology upgrades easier and eliminating long-term technology commitments.

NEW QUESTION # 34
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