

New 1z0-1104-25 Test Pattern, 1z0-1104-25 Latest Test Experience



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Oracle 1z0-1104-25 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Implementing OS and Workload Protection: This section of the exam measures the skills of OCI Administrators and looks at securing workloads and operating systems. It includes the use of OCI Bastion for time-limited access, vulnerability scanning of hosts and containers, and the use of OS management for automated updates. The goal is to ensure that workloads remain resilient and well-protected.
Topic 2	<ul style="list-style-type: none">Protecting Infrastructure - Network and Applications: This section of the exam measures the skills of Cloud Security Professionals and covers methods for securing networks and applications on OCI. Topics include network security groups, firewalls, and security lists, while also focusing on the use of load balancers for availability. The section further addresses the configuration of OCI certificates and web application firewalls to strengthen infrastructure security.
Topic 3	<ul style="list-style-type: none">Implementing Identity and Access Management (IAM): This section of the exam measures skills of OCI Administrators and focuses on identity and access controls. It covers IAM domains, users, groups, and compartments, as well as the use of IAM policies to manage access to resources. Candidates are also tested on configuring dynamic groups, network sources, and tag-based access control, along with managing MFA, sign-on policies, and activity monitoring.

Topic 4	<ul style="list-style-type: none"> Protecting Data: This section of the exam measures the skills of Cloud Security Professionals and highlights data security practices in OCI. It tests knowledge of using the Key Management Service for encryption keys, managing secrets in the OCI Vault, and applying features of OCI Data Safe to ensure sensitive data remains protected.
Topic 5	<ul style="list-style-type: none"> Detecting, Remediating, and Monitoring OCI Resources: This section of the exam measures the skills of OCI Administrators and emphasizes monitoring and maintaining security posture across cloud resources. It focuses on the use of Cloud Guard, security zones, and the Security Advisor. Candidates also need to understand how to identify rogue users with threat intelligence, as well as use monitoring, logging, and event services for continuous visibility into performance and security.

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Quiz Oracle - 1z0-1104-25 - Oracle Cloud Infrastructure 2025 Security Professional High Hit-Rate New Test Pattern

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Oracle Cloud Infrastructure 2025 Security Professional Sample Questions (Q16-Q21):

NEW QUESTION # 16

A company is securing its compute instances (VMs and Bare Metal Machines) in Oracle Cloud infrastructure (OCI) using a network firewall. As shown in the diagram, traffic flows from the internet Gateway (IGW) to the firewall in the Public DMZ Subnet, and then to the compute instances in the Public Subnet.



When configuring security lists and network security groups (NSGs) in this setup, what should they consider?

- A. If the policy used with the firewall has no rules specified, the firewall allows all traffic.
- B. Ensure that any security list or NSG rules allow the traffic to enter the firewall for appropriate evaluation.
- C. Security list and NSG rules associated with the firewall subnet and VNICs are evaluated after the firewall.
- D. Add stateful rules to the security list attached to the firewall subnet or include the firewall in an NSG containing stateful rules for better performance.

Answer: B

NEW QUESTION # 17

"You are part of the security operations of an organization with thousands of users accessing Oracle Cloud Infrastructure (OCI). It is reported that an unknown user action was executed resulting in configuration errors.

You are tasked with identifying the details of all users who were active in the last six hours along with any REST API calls that were executed.

Which OCI feature should you use?

- **A. Audit Analysis Dashboard**
- B. Object Collection Rule
- C. Management Agent Log Ingestion
- D. Service Connector Hub"

Answer: A

NEW QUESTION # 18

Task 3: Create a Master Encryption Key

Note: OCI Vault to store the key required by this task is created in the root compartment as PBI_Vault_SP Create an RSA Master Encryption Key (MEK), where:

Key name: PBT-CERT-MEK-01-<username>

For example, if your username is 99008677-lab.user01, then the MEK name should be PBT-CERT-MEK-0199008677labuser01

Ensure you eliminate special characters from the user name.

Key shape: 4096 bits

Enter the OCID of the Master Encryption Key created in the provided text box:

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Task 3: Create a Master Encryption Key

Step 1: Access the OCI Vault

* Log in to the OCI Console.

* Navigate to Identity & Security>Vault.

* Select the root compartment.

* Locate and click on the vault named PBI_Vault_SP.

Step 2: Create the Master Encryption Key

* In the PBI_Vault_SP vault details page, under Resources, click Keys.

* Click Create Key.

* Enter the following details:

* Name: Replace <username> with your username (e.g., if your username is 99008677-lab.user01, remove special characters like - and . to get 99008677labuser01, then use PBT-CERT-MEK-0199008677labuser01).

* Key Shape: Select RSA with 4096 bits.

* Protection Mode: Select HSM (Hardware Security Module) if available, or Software if HSM is not required (based on vault capabilities).

* Compartment: Ensure it's set to the root compartment (where PBI_Vault_SP resides).

* Leave other settings (e.g., key usage) as default unless specified.

* Click Create Key and wait for the key to be generated.

Step 3: Retrieve and Enter the OCID

* After the key is created, go to the Keys section under PBI_Vault_SP.

* Click on the key named PBT-CERT-MEK-01-<username> (e.g., PBT-CERT-MEK-0199008677labuser01).

* Copy the OCID (a long string starting with ocid1.key., unique to your tenancy) from the key details page.

* Enter the copied OCID exactly as it appears into the provided text box.

NEW QUESTION # 19

Task 5: Create a Certificate

Create a certificate, where:

Certificate name: PBT-CERT-01-<username>

For example, if your username is 99008677-lab.user01, then the certificate name should be PBT-CERT-

01990086771abuser01

Ensure you eliminate special characters from the user name.

Common name: PBT-CERT-OCICERT-01

Certificate Authority: PBT-CERT-CA-01 (created in the previous task)

Answer:

Explanation:

See the solution below in Explanation.

Explanation:

Since I can't create resources or retrieve OCIDs directly in your OCI environment, I'll provide a step-by-step solution based on verified OCI documentation and best practices as of 02:30 PM BST on Thursday, June 12, 2025. Follow these instructions precisely in the OCI Console or CLI, using the preconfigured PBI_Vault_SP vault and the PBT-CERT-CA-01<username> Certificate Authority created in the previous task. Replace <username> with your actual username (e.g., 99008677-lab.user01), ensuring special characters are removed.

Task 5: Create a Certificate

Step 1: Access the OCI Vault

- * Log in to the OCI Console.
- * Navigate to Identity & Security > Vault.
- * Select the root compartment.
- * Locate and click on the vault named PBI_Vault_SP.

Step 2: Create the Certificate

- * In the PBI_Vault_SP vault details page, under Resources, click Certificates.
- * Click Create Certificate.
- * Enter the following details:
 - * Name: Replace <username> with your username (e.g., if your username is 99008677-lab.user01, remove special characters like - and . to get 99008677labuser01, then use PBT-CERT-0199008677labuser01).
 - * Common Name: Enter PBT-CERT-OCICERT-01.
 - * Certificate Authority: Select the PBT-CERT-CA-01<username> CA created in Task 4 (e.g., PBT-CERT-CA-0199008677labuser01).
 - * Subject: Leave as default or adjust (e.g., Organization, Country) if required.
 - * Validity Period: Set as needed (e.g., 1 year), or use the default.
 - * Compartment: Ensure it's set to the root compartment.
- * Click Create Certificate and wait for the certificate to be issued.

Step 3: Verify the Certificate

- * After creation, go to the Certificates section under PBI_Vault_SP.
- * Confirm the certificate PBT-CERT-01<username> (e.g., PBT-CERT-0199008677labuser01) is listed and its status is active.

NEW QUESTION # 20

"Your company is building a highly available and secure web application on OCI. Because of increasing malicious web-based attacks, the security team has mandated that web servers should not be exposed directly to the Internet.

How should you architect the solution while ensuring fault tolerance and security?

- A. Deploy at least three web servers in different fault domains within a public subnet, each with a public IP address. Deploy Web Application Firewall (WAF), and configure an origin for each public IP.
- B. Deploy at least three web servers in different fault domains within a private subnet. Place a public load balancer in a public subnet, but skip WAF configuration.
- C. Deploy at least three web servers in different fault domains within a private subnet. Place a public load balancer in a public subnet and configure a back-end set for all web servers. Deploy Web Application Firewall (WAF) and set the load balancer public IP address as the origin.
- D. Deploy at least three web servers in different fault domains within a public subnet. Use OCI Traffic Management service for DNS-based load balancing."

Answer: C

NEW QUESTION # 21

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