1Z0-1104-22 Q&As

Oracle Cloud Infrastructure 2022 Security Professional

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QUESTION 1

Operations team has made a mistake in updating the secret contents and immediately need to resume usingolder secret contents in OCI Secret Management within a Vault. As a Security Administrator, what step should you perform to rollback to last version? Select TWO correct answers.

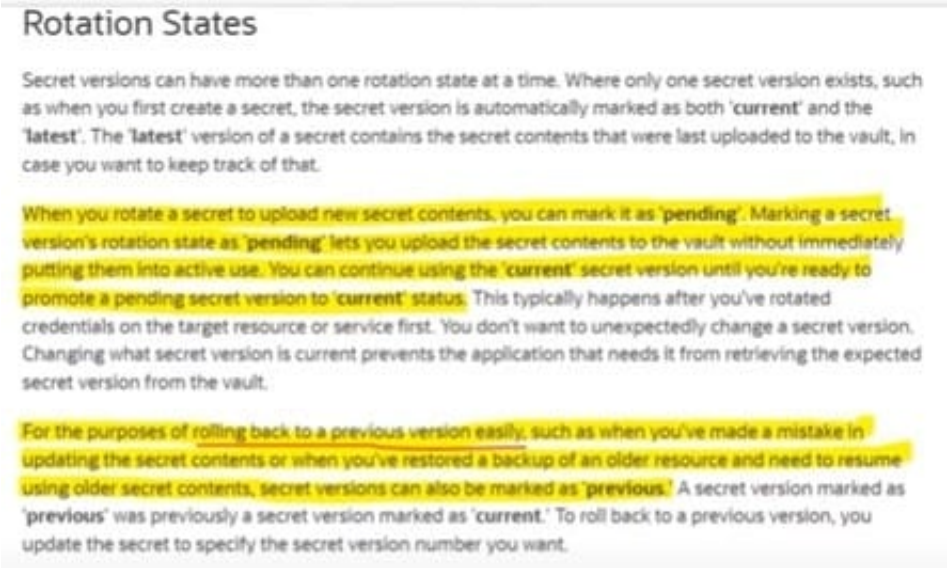
A. Mark the secret version as \\'deprecated\\'

B. Mark the secret version as\\'Previous\\'

C. Mark the secret version as \\'Rewind\\'

D. Upload new secret and mark as \\'Pending\\'. Promote this secret version as \\'Current\\'

Correct Answer: BD


Rotation States

Secret versions can have more than one rotation state at a time. Where only one secret version exists, such as when you first create a secret, the secret version is automatically marked as both '**current**' and the '**latest**'. The '**latest**' version of a secret contains the secret contents that were last uploaded to the vault, in case you want to keep track of that.

When you rotate a secret to upload new secret contents, you can mark it as '**pending**'. Marking a secret version's rotation state as '**pending**' lets you upload the secret contents to the vault without immediately putting them into active use. You can continue using the '**current**' secret version until you're ready to promote a pending secret version to '**current**' status. This typically happens after you've rotated credentials on the target resource or service first. You don't want to unexpectedly change a secret version. Changing what secret version is current prevents the application that needs it from retrieving the expected secret version from the vault.

For the purposes of rolling back to a previous version easily, such as when you've made a mistake in updating the secret contents or when you've restored a backup of an older resource and need to resume using older secret contents, secret versions can also be marked as '**previous**.' A secret version marked as '**previous**' was previously a secret version marked as '**current**.' To roll back to a previous version, you update the secret to specify the secret version number you want.

QUESTION 2

As a lead Security Architect, you have tasked to restrict access to and from the worker nodes in pods running in Oracle Container Engine for Kubernetes?

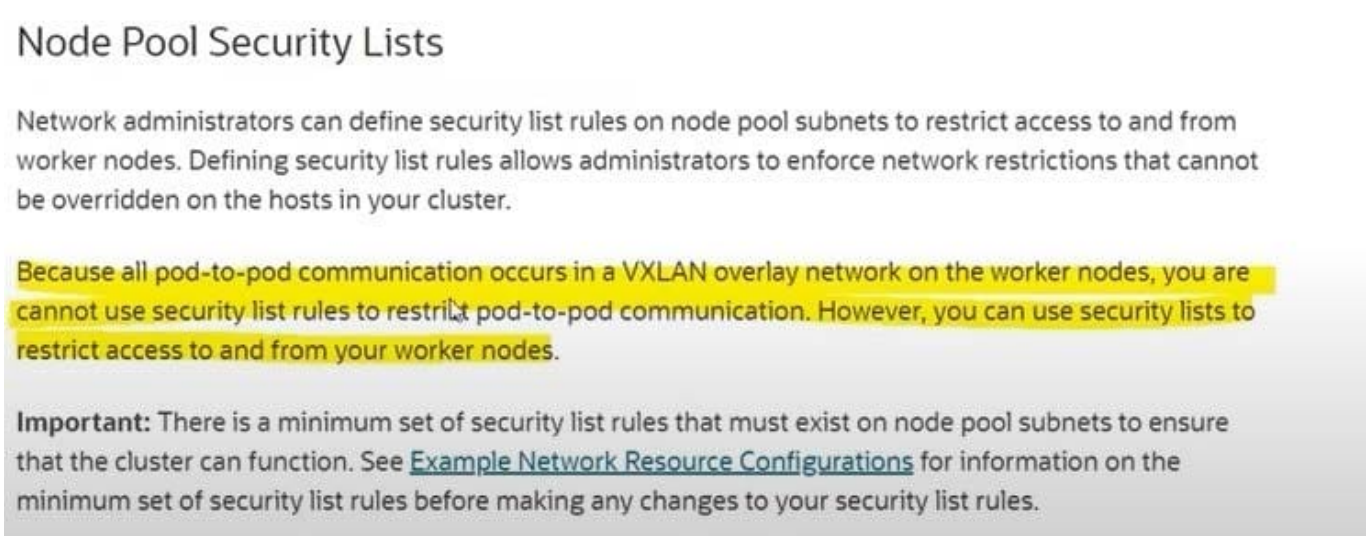
A. Cloud Guard

B. Vulnerability Scanning

C. Security Lists

D. Identity and Access Management

Correct Answer: C



QUESTION 3

Which of the following is necessary step when creating a secret in vault?

A. Vault-managed key is necessary to encrypt the secret

B. Digest Hash shouldbe created of the secret value

C. Object Storage must be created to run secret service

D. Shamir\\'s secret sharing algorithm should be used to unseal the vault

Correct Answer: A

https://docs.oracle.com/en/database/other- databases/essbase/21/essad/create-vault-and-secrets.html

QUESTION 4

Which statement is true about using custom BYOI instances in Windows Servers that are managed by OS Management Service?

A. Windows Servers that does not have the minimum agent version does not require an agent update or installation.

B. Windows Servers that already has the minimum agent version does not require an agent update or installation.

C. Windows Servers that already has the minimum agent version requires an agent update or installation.

D. Windows Servers that does not have the minimum agent version requires an agent update or installation.

Correct Answer: D

https://docs.oracle.com/cd/E11857_01/install.111/e15311/agnt_install_windows.htm

QUESTION 5

Select the component that encompasses the overall configuration of your WAF service on OCI.

A. Protection rules

B. Bot Management

C. Web Application Firewall policy

D. Origin

Correct Answer: C

WAF Policy Management

Provides an overview of web application firewall (WAF) policies, including their creation, updating, and deletion.

WAF policies encompass the overall configuration of your WAF service, includingaccess rules, rate limiting rules, and protection rules.

https://docs.oracle.com/en-us/iaas/Content/WAF/Policies/waf-policy_management.htm

QUESTION 6

Which type of firewalls are designed to protect against web application attacks, such as SQL injection and cross-site scripting?

A. Stateful inspection firewall

B. Web Application Firewall

C. Incident firewall

D. Packet filtering firewall

Correct Answer: B

SQL injections. Cross-site scripting. Distributed denial of service(DDoS) attacks. Botnets. These are just some of the cyber-weapons increasingly being used by malicious actors to target web applications, cause data breaches, and expose

sensitive business information.

Oracle WAF uses a multilayered approach to protect web applications from a host of cyberthreats including malicious bots, application layer (L7) DDoS attacks, cross-site scripting, SQL injection, and vulnerabilities defined by the Open Web

Application Security Project (OWASP). When a threat is identified, Oracle WAF automatically blocks it and alerts security operations teams so they can investigate further.

https://www.oracle.com/a/ocom/docs/security/oci-web-application-firewall.pdf

QUESTION 7

In which two ways can you improve data durability in Oracle Cloud Infrastructure Object Storage?

A. Setup volumes in a RAID1 configuration

B. Enable server-sideencryption

C. Enable Versioning

D. Limit delete permissions

E. Enable client-side encryption

Correct Answer: A

QUESTION 8

which two responsibilities will be oracle when you move your it infrastructure to oracle cloud infrastructure?

A. Strong IAM Framework

B. PROVIDING STRONG SECURITY LIST

C. Strong Isolation

D. MAINTAINING CUSTOMER DATA

E. ACCOUNT ACCESS MANAGEMENT

Correct Answer: AC

QUESTION 9

Which challenge is generally the first level of bot mitigation, but not sufficient with more advanced bot tools?

A. CAPTCHA challenge

B. JavaScript challenge

C. Device fingerprint challenge

D. Human interaction challenge

Correct Answer: B

QUESTION 10

What information do youget by using the Network Visualizer tool?

A. State of subnets in a VCN

B. Interconnectivity of VCNs

C. Routes defined between subnets and gateways

D. Organization of subnets and VLANs across availability domains

Correct Answer: B

https://docs.oracle.com/en-us/iaas/Content/Network/Concepts/network_visualizer.htm You can view and understand the following from this diagram:

How VCNs are inter-connected

How on-premises networks are connected (using FastConnect or Site-to-Site VPN)

Which routing entities (DRGs and so on) control trafficrouting How your transit routing is configured

QUESTION 11

What is the matching rule syntax for a single condition?

A. any| all { <condition>,<condition>,... }

B. instance.compartment.id = '<compartment_ocid>'

C. variable =|!= 'value'

D. Any {instance.compartment.id = '<compartment_ocid>', instance.compartment.id = '<compartment_ocid>'}

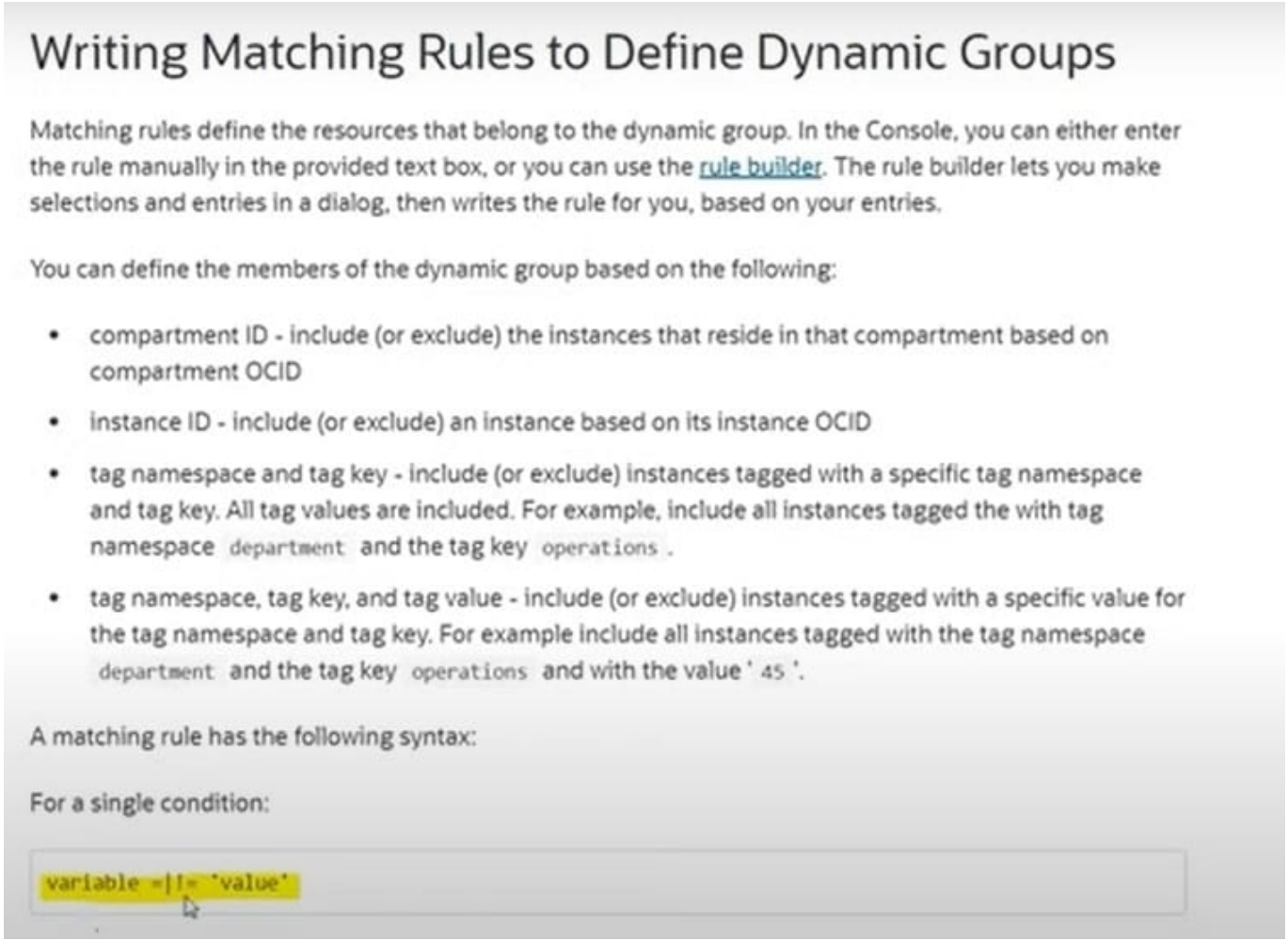
A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C



QUESTION 12

You want software that can automatically collect and aggregate log data generated throughout your organization\\'s infrastructure, analyze it, and send alerts if it detects a deviation from the norm. Which software must you use?

A. Security Information Management (SIM)

B. SecurityEvent Management (SEM)

C. Security Integration Management (SIM)

D. Security Information and Event Management (SIEM)

Correct Answer: D

QUESTION 13

You have configured the Management Agent on an Oracle Cloud Infrastructure (OCI) Linux instance for log ingestion purposes.

Which is a required configuration for OCI Logging Analytics service to collect data from multiple logs of this Instance?

A. Log - Log Group Association

B. Entity - Log Association

C. Source - Entity Association

D. Log Group - Source Association

Correct Answer: C

QUESTION 14

When doesCloud Guard re-open an issue and update the history?

A. If it detects an issue again for an Open (unresolved) problem

B. If it detects an issue for a previously resolved/dismissed activity problem

C. If it detects an issue for a previously resolved configuration problem

D. If it detects an issue for a previously dismissed configuration problem

Correct Answer: C

If Cloud Guard detects an issue again for: https://docs.oracle.com/en-us/iaas/cloud-guard/using/problems-page.htm

QUESTION 15

Encrypt Data in Block Volumes

Enterprise Architect, Security Architect, Data Architect

The Oracle Cloud Infrastructure Block Volumes service always encrypts all block volumes and boot volumes at rest by using the Advanced Encryption Standard (AES) algorithm with 256-bit keys. Consider the following additional encryption options.

- Encrypt all of your volumes and their backups by using keys that you own, and you can manage the keys by using the Oracle Cloud Infrastructure Vault service.
- Data is transferred between an instance and the attached block volume through an internal and highly secure network. You can enable in-transit encryption for paravirtualized volume attachments on virtual machine instances.

Encrypt Data in File Storage

Enterprise Architect, Security Architect, Data Architect

The Oracle Cloud Infrastructure File Storage service encrypts all data at rest. By default, the file systems are encrypted by using Oracle-managed encryption keys.

Encrypt all of your file systems by using keys that you own. You can manage the keys by using the Oracle Cloud Infrastructure Vault service.

With regard to OCI Audit Log Service, which of the statement is INCORRECT?

A. Retention period for audit events cannot be modified

B. REST API calls can be recorded by Audit service

C. Audit Events gets collected when modification within objects stored inan Object Storage bucket

D. Events logged by the Audit service can be viewed by using the Console, API, or the SDK for Java

Correct Answer: C