Vendor: VMware

Exam Code: 3V0-22.25

Exam Name: Advanced VMware Cloud Foundation 9.0 Operation

Version: DEMO

QUESTION 1
An operator notices that the "Network Top-N" dashboard is empty. Upon checking the Integrations page, the NSX Adapter instance for sfo-w01-nsx01 shows a "Collection Failed" status.

```
# Adapter Instance Status: sfo-w01-nsx01
Collection State: Failed
Last Collection: 12 hours ago
Message: "Unable to establish connection: Certificate validation
failed."
# Recent Changes
- The NSX Manager cluster certificates were rotated yesterday by the
security team.
- The VCF Operations truststore was not updated.
```

What is the correct procedure to restore data collection?

A. Reboot the VCF Operations analytics cluster to clear the SSL cache.
B. Log in to the NSX Manager CLI and restart the API service to force it to present the old certificate.
C. Delete the NSX Adapter instance and recreate it from scratch to pull the new certificate.
D. Edit the NSX Adapter instance configuration in VCF Operations, click "Test Connection", and accept the new certificate thumbprint when prompted to update the truststore.

Answer: D

QUESTION 2
After successfully configuring an Active Directory Identity Source, an administrator creates a User Group in VCF Operations named "VCF-Read-Only". How should the administrator populate this group with users from Active Directory?

A. Manually type the AD usernames (e.g., CORP\jdoe) into the VCF Operations group member list one by one.
B. Ask users to log in once; they will automatically be added to the "Everyone" group, which is the same as "Read-Only".
C. In the VCF Operations Group configuration, select "Import Members" and query/select an existing AD Security Group (e.g., AD-VCF-Readers). The VCF Operations group will then dynamically inherit members from the AD group.
D. Configure a synchronization script in PowerShell to copy users from AD to VCF Ops nightly.

Answer: C

QUESTION 3
What is a mandatory vSphere prerequisite for VCF Operations to perform Cross-Cluster Workload Optimization (moving a VM from Cluster A to Cluster B)?

A. The source and destination hosts must be connected to the same Shared Storage (or a shared datastore cluster), OR the environment must meet the requirements for vMotion without Shared Storage (x-vCenter vMotion requirements, routed vMotion network).
B. The clusters must be configured with "vSphere HA" Disabled.
C. The clusters must share the same vCenter Server.
D. The clusters must be in different Datacenters.

Answer: A

QUESTION 4
A Cloud Admin wants to optimize storage costs by deleting "Old Snapshots" automatically. However, the admin wants to ensure that snapshots named "Backup_DoNotDelete" (created by the backup software) are never touched by this job.

```
# Job Config
Action: Delete Snapshots
Scope: Cluster-01
Criteria: Age > 3 Days
```

What additional configuration in the job setup handles this exclusion?

A. Remove the "Action" permission from the VCF Operations service account.
B. Use the "Filter" or "Additional Criteria" option in the job definition to exclude snapshots where "Snapshot Name contains 'Backup'".
C. It is not possible; Automation Central deletes all snapshots older than the age criteria.
D. Configure the backup software to store snapshots on a different datastore.

Answer: B

QUESTION 5
When configuring a new integration, the administrator sees a field labeled "Collector / Group".

```
# Scenario
Target: High-Security vCenter (Isolated Network)
Collector Options:
1. Default Collector Group (Shared)
2. Cloud-Proxy-Secure-01 (Dedicated to Isolated Net)
```

What is the impact of selecting "Cloud-Proxy-Secure-01" for this integration?

A. It restricts the integration to only collect data from objects named "Secure".
B. It pins the data collection traffic for this specific vCenter to flow exclusively through Cloud-Proxy-Secure-01, ensuring connectivity rules (Isolated Net -> Proxy -> Analytics) are respected.
C. It forces the VCF Operations Analytics nodes to bypass the proxy and talk directly to the vCenter.
D. It automatically encrypts the vCenter database.

Answer: B

QUESTION 6
An administrator is faced with 50,000 log entries generated during a 5-minute application crash window. Searching line-by-line is impossible. Which VCF Operations for Logs feature allows the administrator to collapse these 50,000 lines into a small list of Unique Patterns, instantly revealing the single "Unhandled Exception" anomaly hidden among the noise?

A. The "Export to Excel" function.
B. The "Event Types" (or Intelligent Grouping) tab. This feature uses machine learning to cluster similar log messages (ignoring variable parts like timestamps or IP addresses) into canonical patterns, presenting the volume of each pattern to highlight outliers.

C. The "Text" filter.
D. The "Syslog Forwarding" rule.

Answer: B

QUESTION 7
A Cloud Admin wants to implement a "Chargeback" model where business units are billed based on the Resources Provisioned (vCPU/RAM Count) rather than their actual usage. Which specific configuration in the Cost Settings must be adjusted to align the calculations with this business requirement?

A. Change the currency to USD.
B. Increase the "Reference Database" synchronization frequency.
C. Enable the "Demand Model" in the Policy.
D. Navigate to Administration -> Cost Settings (or Cost Drivers) and change the calculation method for the relevant clusters from the default "Actual Usage" to "Allocation" (or Allocation-based).

Answer: D

QUESTION 8
A project team wants to "Reserve" capacity in VCF Operations for a project starting in 3 months. They want the "Time Remaining" forecast for the cluster to reflect that this space is already spoken for, ensuring other teams don't consume it. How can the Capacity Planner achieve this reservation in the analytics?

A. Run a What-If Analysis for the project workload and click the "Save" (or Commit) scenario button. By saving/committing the scenario with a future date, the Capacity Engine includes these "Committed" resources in its demand calculations, reducing the projected Time Remaining accordingly.
B. Set a "Capacity Warning" alert.
C. Create 50 dummy VMs on the cluster and power them off.
D. Decrease the cluster's Total Capacity manually in the adapter settings.

Answer: A

QUESTION 9
An operator is attempting to add a new vCenter Server integration for a recently deployed Workload Domain, but the connection test is failing.

```
# Integration Details
Name: WLD-02-VC
Hostname: wld-02-vc.corp.local
Credential: svc-vrops-user
# Error Message
"Connection failed. Verify the hostname and credentials."
# Troubleshooting Workbench - Connectivity
Ping to wld-02-vc.corp.local: Success
Port 443 Connectivity: Success
# Account Verification
User 'svc-vrops-user' can log in to wld-02-vc.corp.local web client:
Yes
```

What is the most likely cause of the specific integration failure given the successful network and login tests?

A. The Cloud Proxy associated with this adapter is offline.
B. The vCenter Server is in Maintenance Mode.
C. The username format in the VCF Operations credential configuration is incorrect (e.g., missing @domain.local suffix).
D. The user svc-vrops-user does not have the "Performance.ModifyIntervals" privilege, which is checked during the initial handshake.

Answer: C

QUESTION 10
An adapter instance stays in the "Warning" state. The hover-text error message states: "Collection cycle time exceeded". What does this specific error imply about the health of the integration?

A. The credentials are about to expire.
B. The adapter is in Maintenance Mode.
C. The target system is too large (too many objects) or responding too slowly, causing the data collection to take longer than the configured interval (e.g., taking 7 minutes to complete a 5-minute poll). This leads to gaps in data.
D. The network has high packet loss.

Answer: C

QUESTION 11
A Solution Architect is designing the integration strategy for a VCF environment that includes a "Stretched Cluster" Management Domain across two sites. The requirement is to ensure continuous monitoring of the Management vCenter even if Site 1 goes dark.

```
# Architecture
Site 1: Primary vCenter Node (Active)
Site 2: vCenter HA Node (Passive)
VCF Operations: Deployed in Site 1 (Standard Cluster)
# Issue
If Site 1 fails completely, VCF Operations (in Site 1) will also go
down, failing to monitor the failover of vCenter to Site 2.
```

To enable true continuous monitoring survivability for the vCenter integration during a Site 1 failure, what architectural change is required?

A. Deploy a VCF Operations Continuous Availability (CA) cluster stretched across Site 1 and Site 2, and configure the vCenter Adapter to run on a Collector Group containing Cloud Proxies from both sites.
B. Install a standalone VCF Operations node in Site 2 and use "vSphere Replication" to keep it synced with Site 1.
C. Configure vCenter HA to automatically vMotion the VCF Operations Analytics nodes to Site 2.
D. Use the "SDDC Manager Integration" to proxy the vCenter metrics, as SDDC Manager is automatically highly available.

Answer: A

QUESTION 12
A custom application generates logs with the format: [2023-10-01] ERROR User:JohnDoe Module:Login. The administrator creates a custom Extracted Field named app_user using the regex User:(\w+). When does this extraction occur?

A. It occurs on the Server's disk when the log is written (Write-Time).
B. It occurs on the Agent before sending.
C. It requires a server reboot to apply.
D. It occurs On-the-Fly (Query-Time). When a user runs a query or loads a dashboard, the system applies the regex to the stored raw text to extract the value. This allows retroactive field extraction on historical data without re-indexing.

Answer: D

QUESTION 13
A VCF Operator is viewing raw syslog messages from a "Cisco ASA" firewall in the Interactive Analytics tab. The logs are visible, but the operator cannot see or filter by specific fields like "Source_IP" or "Destination_Port" in the Field list. What is the mostly likely reason these fields are missing?

A. The logs are encrypted.
B. The Cisco ASA is sending logs via UDP instead of TCP.
C. The Cisco ASA Content Pack has not been installed or enabled. Without the Content Pack, VCF Operations for Logs treats the messages as generic text strings and does not know how to parse (extract) the specific fields like IP and Port from the raw message body.
D. The firewall is sending logs in a binary format.

Answer: C

QUESTION 14
A Manager wants to know the "Potential Cost Savings" if the team deletes all VMs that have been powered off for more than 6 months.

```
# Current View
Reclaim Dashboard -> Powered Off VMs
# Issue
The list includes VMs powered off for only 7 days, skewing the total
savings number high.
```

How can the Manager filter the view and the savings calculation to only reflect the 6-month candidates?

A. Change the "Currency" setting to Euro.
B. Export the list to Excel and sum the columns manually.
C. Use the Filter or Graph within the Reclaim workbench to slide the "Powered Off Duration" selector (or filter the list) to "> 180 Days". The dashboard dynamically recalculates the "Reclaimable Capacity" and "Savings" values based on the filtered selection.
D. It is not possible; the savings calculation is always global.

Answer: C

QUESTION 15
A VCF Operations for Logs administrator has customized a useful dashboard called "App-Troubleshooting" in their personal workspace ("My Dashboards"). They want to make this dashboard available to all other users in the "Operations" team. What action must be performed?

A. Share the dashboard. The administrator must use the "Share" option (or "Move to Shared Dashboards") in the dashboard management menu to modify the access control list, granting "Read" or "Edit" permissions to the specific User Group (e.g., "Operations Team") or making it globally visible.
B. Drag and drop the dashboard into the "Content Pack" section.
C. Export the dashboard as a CSV file and email it.
D. Use the "Dual Authorization" feature to approve the dashboard.

Answer: A

QUESTION 16
A Cloud Admin is tasked with "Right-Sizing" the virtual machines in a new VCF Workload Domain to reduce wasted resources. Which VCF component is specifically designed to analyze historical demand patterns and recommend CPU/Memory reduction?

A. SDDC Manager
B. VCF Automation
C. VCF Operations
D. VMware NSX

Answer: C

QUESTION 17
An organization uses Infoblox to manage IP addresses across the enterprise. They require VCF Automation to automatically request a static IP from Infoblox for every new VM deployment and release it when the VM is destroyed. Where is this integration configured?

A. Infrastructure -> Integrations -> IPAM. The administrator adds an "IPAM" integration point, selects "Infoblox", and provides the credentials. Once configured, this integration can be linked to specific Network Profiles to handle IP allocation logic automatically.
B. In VCF Automation Orchestrator using the "REST" plugin manually.
C. In the VM's "Custom Properties".
D. In the "Network Profile" -> "IP Ranges".

Answer: A

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