

Dell EMC

D-VXR-OE-23 Exam

**Dell VxRail Operate 2023
Questions & Answers
Demo**

Version: 4.1

Topic 1, Multiple Choice Questions

Question: 1

Which vSphere integrated component must be installed on the VxRail cluster that is used to run containers?

- A. Tanzu
- B. vRealize
- C. VSAN
- D. Docker

Answer: A

Explanation:

The vSphere integrated component that must be installed on the VxRail cluster to run containers is VMware Tanzu. VMware Tanzu enables Kubernetes container orchestration within a VMware environment, integrating with vSphere to provide a platform for managing containers alongside virtual machines. This allows administrators to deploy and manage containerized applications using the same tools and processes they use for VMs.

Reference: VMware Tanzu Documentation

Question: 2

An administrator wants to get information about a specific host and runs this code:

```
GET/v1/hosts/{sn}
```

An API code 404 is returned

What is the reason for the error code?

- A. The administrator was not authenticated
- B. The provided {sn} was not valid
- C. There was a server error
- D. The API is designed to return all hosts in a cluster

Answer: B

Explanation:

The error code 404 indicates that the requested resource could not be found on the server. In the context of the API call `GET/v1/hosts/{sn}`, the 404 error is returned because the serial number (sn) provided was not valid or does not exist in the database. This means the server could not find any host that matches the provided serial number.

Reference: API Documentation for VxRail

Question: 3

Which command is used to unlock the mystic account on the VxRail Manager VM?

- A. `passwd --user mystic --reset`
- B. `reset-password --user mystic`

C. reset-lockout --user=mystic

D. pam_tally2 --user=mystic --reset

Answer: D

Explanation:

To unlock the mystic account on the VxRail Manager VM, the command used is `pam_tally2 --user=mystic --reset`. This command resets the failed login attempts counter for the specified user, unlocking the account if it was locked due to too many failed login attempts.

Steps to unlock:

Access the VxRail Manager VM through SSH.

Execute the command `pam_tally2 --user=mystic --reset`.

Verify that the account is unlocked and can log in successfully.

Reference: VxRail Appliance Admin Guide

Question: 4

What is the default load-balancing policy for VxRail Port Groups for a system deployed with a predefined network profile1?

- A. Route based on source MAC hash
- B. Route based on IP hash.
- C. Route based on physical NIC load
- D. Route based on originating virtual port.

Answer: D

Explanation:

The default load-balancing policy for VxRail Port Groups in a system deployed with a predefined network profile is "Route based on originating virtual port." This policy distributes network traffic based on the virtual port ID from which the traffic originates, ensuring that traffic from a particular virtual machine (VM) is consistently routed through the same physical network adapter.

Reference: VMware vSphere Networking Guide

Question: 5

VxRail nodes have been purchased to add additional capacity. The new nodes are based on AMD Chipset, the current cluster is based on Intel Chipset.

What should be the next step?

- A. Add the new nodes to the existing cluster.
- B. Enable VMware EVC Mode and then add the new nodes.
- C. Create an additional Cluster with the new nodes.

Answer: B

Explanation:

When adding VxRail nodes based on a different chipset (e.g., AMD vs. Intel) to an existing cluster, it is necessary to enable VMware Enhanced vMotion Compatibility (EVC) mode. EVC ensures CPU compatibility for vMotion by masking certain CPU features, making it possible to add nodes with different processors to the same cluster without causing compatibility issues.

Steps:

Enable VMware EVC mode on the existing cluster.

Ensure all cluster nodes meet the EVC requirements.

Add the new AMD-based nodes to the existing cluster.

Reference: VMware EVC and CPU Compatibility

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