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Practice Exam Questions for: Nokia Data Center Fabric Fundamentals (exam number: 4A0-D01)

The following questions will test your knowledge and prepare you for the Nokia Data Center Fabric Fundamentals exam. Compare your responses with the Answer key at the end of the document.

1. A static route is configured in two steps in Nokia SR Linux. Which of the following items CAN NOT be configured in the static-routes container?
 - a. A blackhole option
 - b. An IPv4 destination prefix
 - c. A preference value
 - d. A next-hop-group
2. Which of the following about the leaf-spine topology (Clos network) is FALSE?
 - a. Every leaf router is connected to all spine routers.
 - b. Scaling can be achieved by adding an additional spine layer.
 - c. Layer 2 is typically used at the aggregation and access layers.
 - d. The leaf-spine topology uses ECMP to distribute traffic across duplicate links.
3. Which of the following is one of the recommendations for AS number assignment in a leaf-spine network?
 - a. Assign the same AS number to all spine routers in a cluster
 - b. Assign public AS numbers to all leaf and spine routers
 - c. Assign a distinct AS number to all super spine routers
 - d. Assign the same AS number to all leaf routers
4. Which of the following is NOT a characteristic of Nokia's SR Linux?
 - a. YANG model defines the configuration and state information for each application
 - b. Each individual Linux application uses a distinct IP-VRF
 - c. Applications can be accessed through JSON/JSON-RPCs
 - d. Third-party defined applications can access the SR Linux applications

1 Practice exam
Nokia Data Center Fabric Fundamentals - 4A0-D01

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Nokia 4A0-D01 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Nokia DC Fabric Solution: This section of the exam measures skills of a Data Center Network Engineer and covers the architecture and benefits of modern Layer 3 data center networks. It includes an overview of BGP-based routing, VXLAN and EVPN overlays for multi-tenant environments, and key features of the SR Linux operating system. The section also explains how APIs are used for external configuration and introduces the Fabric Services System's management capabilities.
Topic 2	<ul style="list-style-type: none">• SR Linux Configuration and Routing: This section of the exam measures skills of a Network Automation Specialist and focuses on configuring and managing SR Linux systems. It examines the YANG-driven CLI, JSON output, environment variables, and static and dynamic routing. Learners also explore BGP, ECMP, IP-VRF, MAC-VRF, and the use of VXLAN with EVPN to implement both Layer 2 and Layer 3 overlays, including symmetric and asymmetric models.

Topic 3

- This section of the exam measures skills of a Network Automation Specialist and introduces the principles of Event Driven Automation in SR Linux environments. It covers integration with Kubernetes and explores core use cases such as intent-based automation for fabrics and services, as well as enhanced network observability.

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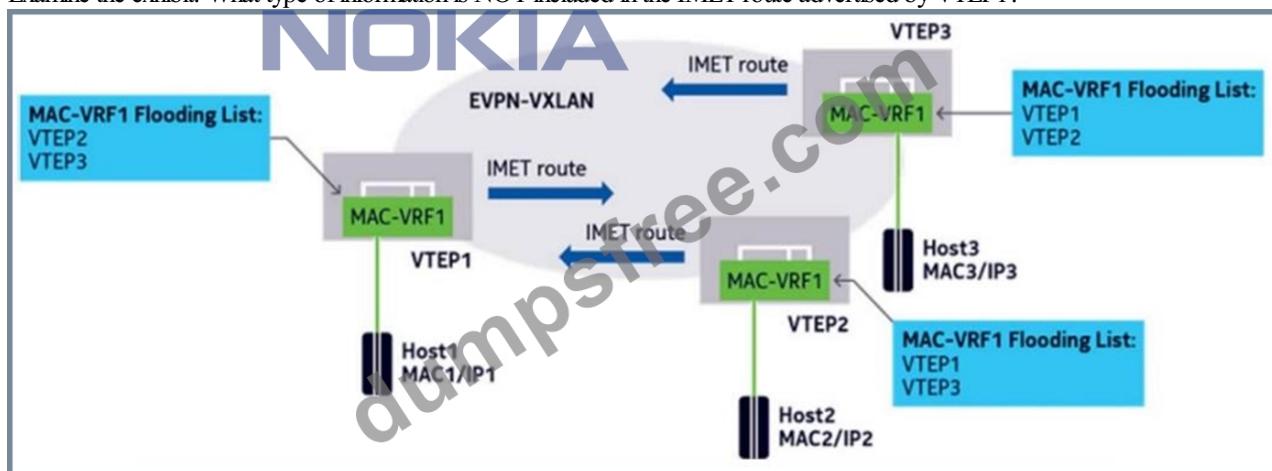
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Nokia Data Center Fabric Fundamentals Exam Sample Questions (Q33-Q38):

NEW QUESTION # 33

Examine the exhibit. What type of information is NOT included in the IMET route advertised by VTEP1?



- A. VXLAN network identifier (VNI)
- B. **Route distinguisher of VTEP1's MAC-VRF**
- C. Flooding list
- D. IP address of VTEP1

Answer: B

Explanation:

The IMET route includes the VNI, flooding list, and IP address of the originating VTEP, but it does not include the route distinguisher of the VTEP's MAC-VRF.

NEW QUESTION # 34

Which of the following statements about the IRB subinterface configuration in Nokia SR Linux is FALSE?

- A. One IRB subinterface is configured in a MAC-VRF network instance.
- B. An IRB subinterface is configured in an IP-VRF network instance.
- C. An IP address is configured under the IRB's subinterface.
- D. **One IRB subinterface is configured for each interface within a MAC-VRF network instance.**

Answer: D

Explanation:

In Nokia SR Linux, IRB subinterfaces are configured one per MAC-VRF network instance, not one for each interface within that instance. Multiple IRB subinterfaces per interface are not typical.

NEW QUESTION # 35

How are LLDP frames advertised between two Nokia SR Linux routers?

- A. They are routed to the destination node based on the IP VRF forwarding table.
- **B. They are forwarded to the destination node based on the MAC VRF table.**
- C. They are forwarded to the destination node based on the MAC VRF table.
- D. They are periodically flooded to the broadcast MAC address on each interface.

Answer: B

Explanation:

LLDP frames are periodically sent to a well-known multicast MAC address on each interface to discover directly connected devices.

NEW QUESTION # 36

Which of the following statements about configuration checkpoints in Nokia SR Linux is FALSE?

- A. The operator can revert to any existing checkpoint.
- B. The operator can generate a new checkpoint when committing configuration changes.
- **C. Checkpoint 0 is always the oldest checkpoint.**
- D. The current running configuration can be saved as a JSON-formatted checkpoint file.

Answer: C

Explanation:

In Nokia SR Linux, checkpoint numbering is dynamic. The system assigns the lowest available number to the most recent checkpoint, not necessarily "0." When the number of saved checkpoints exceeds the configured maximum, the oldest checkpoint is removed, and the remaining checkpoints are renumbered accordingly. Therefore, checkpoint "0" is not always the oldest checkpoint.

NEW QUESTION # 37

Which of the following is NOT a valid logging source used in Nokia's SR Linux?

- A. SR Linux subsystem + priority
- B. Linux facility + priority
- C. Console
- **D. Syslog filter**

Answer: D

Explanation:

"Syslog filter" is not a logging source; it is a mechanism used to filter log messages. Valid logging sources in SR Linux include Linux facility + priority, console, and SR Linux subsystem + priority.

NEW QUESTION # 38

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