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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 CANNOT 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 RPCs.
 - d. Third-party defined applications can access the SR Linux applications.

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Nokia 4A0-D01 Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<ul style="list-style-type: none"> SR Linux User and System Management: This section of the exam measures skills of a Network Automation Specialist and includes managing user roles, TLS configurations for secure communication, and automation features like Zero-Touch Provisioning (ZTP). It covers ZTP setup, configuration processes, and common issues that may arise during deployment.
Topic 3	<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.

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Reliable 4A0-D01 Test Notes & 4A0-D01 Study Reference

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Nokia Data Center Fabric Fundamentals Exam Sample Questions (Q14-Q19):

NEW QUESTION # 14

Which of the following statements about SR Linux interfaces is FALSE?

- A. Only one management interface is allowed.
- B. Layer 2 parameters such as MTU are configured at the SR Linux interface level while Layer 3 parameters are configured at the subinterface level.
- C. Network interfaces are associated with physical ports on the linecards.
- D. The loopback interface is a physical interface directly connected to another interface on the same chassis.

Answer: D

Explanation:

The loopback interface in SR Linux is a logical, virtual interface used for management and routing purposes; it is not a physical interface directly connected to another interface on the same chassis.

NEW QUESTION # 15

Which of the following statements about Nokia's Fabric Services System is FALSE?

- A. Data center fabric configuration is represented as the fabric intent in a declarative YAML format.
- B. Telemetry data is provided in a context that is relevant to the fabric intent.
- C. Digital sandbox provides notification of performance issues in the data center fabric.
- D. Cloud-native design enables easy integration with the customer's environment.

Answer: C

Explanation:

The Digital Sandbox in Nokia's Fabric Services System is primarily used for simulation and validation of fabric intent, not for providing notifications of performance issues.

NEW QUESTION # 16

How does Nokia's Fabric Services System use a fabric intent to build the DC switch fabric?

- A. It uses a digital sandbox to build the configuration files for the DC fabric.
- **B. It uses a YAML file that defines the intended configuration state of the DC fabric.**
- C. It uses telemetry data to build the configuration files for the DC fabric.
- D. It uses a digital sandbox to connect workloads to the DC fabric.

Answer: B

Explanation:

Nokia's Fabric Services System uses a fabric intent defined in a declarative YAML file to specify the desired state of the data center fabric, which is then used to build and configure the fabric accordingly.

NEW QUESTION # 17

Which of the following is NOT how prefixes are typically learned and advertised in a leaf and spine data center?

- A. Each leaf router advertises the prefixes of its own locally connected servers.
- B. Spine routers advertise learned prefixes to leaf routers directly using eBGP.
- **C. Each leaf router learns the prefixes of remote servers from other leaf routers directly using eBGP.**
- D. Spine routers learn prefixes from leaf routers directly using eBGP.

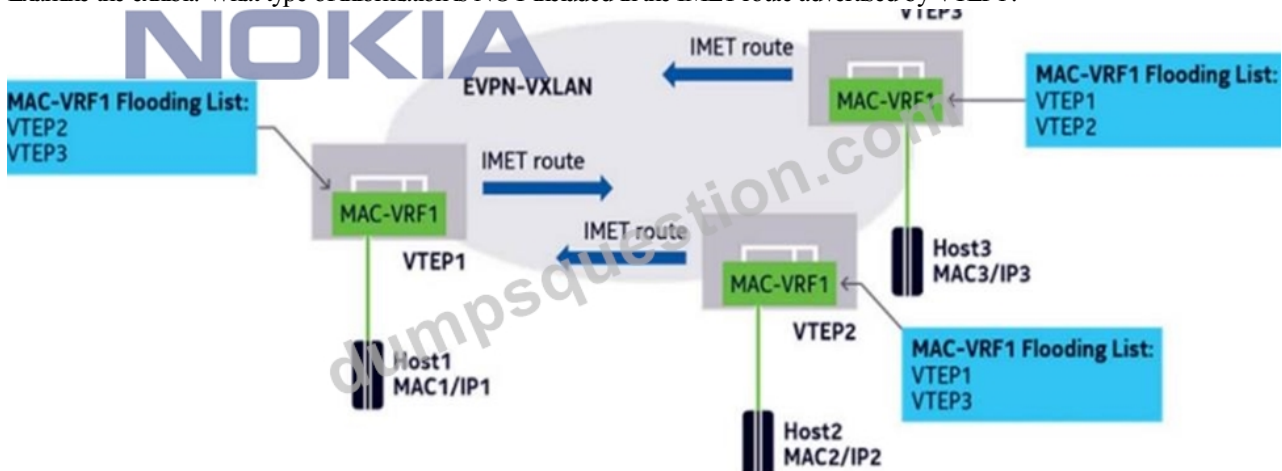
Answer: C

Explanation:

Leaf routers do not learn prefixes from other leaf routers directly using eBGP; instead, leaf routers learn remote prefixes via spine routers. The spine acts as the route reflector or intermediary between leaf routers.

NEW QUESTION # 18

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



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

Answer: D

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 # 19

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