

# Actual 4A0-D01 Nokia Data Center Fabric Fundamentals Exam Questions 2026



## 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.

- 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 blackhole option
  - An IPv4 destination prefix
  - A preference value
  - A next-hop-group
- Which of the following about the leaf-spine topology (Clos network) is FALSE?
  - Every leaf router is connected to all spine routers.
  - Scaling can be achieved by adding an additional spine layer.
  - Layer 2 is typically used at the aggregation and access layers.
  - The leaf-spine topology uses ECMP to distribute traffic across duplicate links.
- Which of the following is one of the recommendations for AS number assignment in a leaf-spine network?
  - Assign the same AS number to all spine routers in a cluster
  - Assign public AS numbers to all leaf and spine routers
  - Assign a distinct AS number to all super spine routers
  - Assign the same AS number to all leaf routers
- Which of the following is NOT a characteristic of Nokia's SR Linux?
  - YANG model defines the configuration and state information for each application.
  - Each individual Linux application uses a distinct IP-VRF.
  - Applications can be accessed through JSO1 RPCs.
  - 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"> <li><b>SR Linux User and System Management:</b> 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.</li> </ul>

Topic 2	<ul style="list-style-type: none"> <li>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.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>Module 5 – EDA (Event Driven Automation) Introduction</li> </ul>

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### Nokia Data Center Fabric Fundamentals Exam Sample Questions (Q21-Q26):

#### NEW QUESTION # 21

Which of the following statements about resilient ECMP load balancing is TRUE?

- A. Hash buckets are used to ensure that flows egressing the same interface on one router use different egress interfaces on downstream routers.
- B. When one of the next-hops fail, only flows currently egressing to that next-hop are impacted.
- C. A different hash seed is used on downstream routers to ensure that flows are randomly distributed across all eligible router interfaces.
- D. The hash value used to distribute traffic is calculated as a modulo function on specific fields of the packet header.

**Answer: B**

Explanation:

In resilient ECMP load balancing, when a next-hop fails, only the flows that were using that specific next-hop are affected and need to be redistributed, minimizing disruption to other flows.

#### NEW QUESTION # 22

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

**Answer: C**

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 # 23

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

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

**Answer: D**

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 # 24

Which of the following is NOT one of the characteristics of Nokia's SR Linux?

- A. It uses a modular, state-driven architecture that gives applications efficient access to system information.
- B. It uses an unmodified Linux kernel that simplifies the use of third party applications.
- C. It includes a NetOgs development kit that supports the integration of third-party applications.
- **D. It uses mature and stable SNMP protocol to access the command line interface.**

**Answer: D**

Explanation:

Nokia's SR Linux does not rely on the SNMP protocol for accessing the command line interface; instead, it uses modern, programmable interfaces aligned with its modular architecture.

#### NEW QUESTION # 25

Which of the following statements about IP-VRFs in Nokia's SR Linux is FALSE?

- **A. Multiple servers can be connected to the same subnet in an IP-VRF.**
- B. Packets in an IP-VRF are forwarded based on the destination IP address.
- C. The router maintains a distinct route table for each IP-VRF instance.
- D. An IP-VRF is a Layer 3 network instance.

**Answer: A**

Explanation:

Multiple servers connected to the same subnet typically reside within the same Layer 2 domain or MAC-VRF. IP-VRFs operate at Layer 3 and segment routing and forwarding by separate routing tables, so multiple servers on the same subnet are not a function of IP-VRF.

#### NEW QUESTION # 26

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