

# 4A0-D01 Free Practice Exams | 4A0-D01 Exam Simulator



## 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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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"><li>• Module 5 – EDA (Event Driven Automation) Introduction</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>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.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>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.</li> </ul>

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### Nokia Data Center Fabric Fundamentals Exam Sample Questions (Q12-Q17):

#### NEW QUESTION # 12

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

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

**Answer: A**

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 # 13

Based on the exhibit output, which of the following is NOT the reason the user runs the "baseline diff" command?

```
A:dc-leaf-1# enter candidate private
--{ + candidate private private-admin }--[ ]--
A:dc-leaf-1# interface lol subinterface 0 ipv4 address 200.1.1.1/32
--{ +* candidate private private-admin }--[ interface lol subinterface 0 ipv4 address
200.1.1.1/32 ]--
A:dc-leaf-1#
--{ +! candidate private private-admin }--[ ]--
A:dc-leaf-1# baseline diff
    interface ethernet-1/1 {
-       admin-state disable
    }
```

- A. User admin is not able to commit their changes.
- B. User admin notices that "!" appears in the CLI prompt.
- C. User admin wants to check if there are differences between the current running config and their baseline datastore.
- D. Another user has committed changes.

**Answer: A**

Explanation:

The "baseline diff" command is used to compare the candidate configuration against the baseline datastore to see changes or conflicts, especially when multiple users are involved or to verify differences. It does not indicate that the user is unable to commit changes.

#### NEW QUESTION # 14

Which of the following statements about a MAC-VRF is FALSE?

- A. Packets received in a MAC-VRF are forwarded based on destination IP address.
- B. A MAC-VRF is a Layer 2 network instance.
- C. Multiple devices can be connected to the same IP subnet using a MAC-VRF.
- D. Bridge table entries contain an exit interface for each destination address.

**Answer: A**

Explanation:

In a MAC-VRF, packets are forwarded based on Layer 2 information such as destination MAC addresses, not on destination IP addresses.

#### NEW QUESTION # 15

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

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

**Answer: A**

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

