

100% Pass 2026 Nokia 4A0-D01: Marvelous Test Nokia Data Center Fabric Fundamentals Exam Question



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">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	<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 4	<ul style="list-style-type: none">Module 5 – EDA (Event Driven Automation) Introduction

Nokia Data Center Fabric Fundamentals Exam Sample Questions (Q26-Q31):

NEW QUESTION # 26

Which of the following is NOT a function of Nokia's SR Linux application manager?

- A. It monitors the health of all applications.
- B. It translates the application's YANG model into protobufs for the IDB.
- C. It manages the SR Linux and customer-defined applications.
- D. It reads the application's configuration information and starts each application.

Answer: B

Explanation:

The SR Linux application manager does not perform the function of translating an application's YANG model into protobufs for the Interface DataBase (IDB). Its primary roles are managing applications, reading their configuration, and monitoring their health.

NEW QUESTION # 27

Which of the following is NOT one of the reasons why BGP is used as the routing protocol in the data center?

- A. It supports both IPv4 and IPv6.
- B. It is more efficient than link-state protocols like IS-IS and OSPF.
- C. BGP neighbors automatically discover each other.
- D. It is a well understood and mature routing protocol.

Answer: B

Explanation:

BGP is not chosen because it is more efficient than link-state protocols; in fact, link-state protocols like IS-IS and OSPF generally provide faster convergence and more efficient route calculation. BGP is used in data centers mainly because it is mature, well understood, supports both IPv4 and IPv6, and offers flexible policy control.

NEW QUESTION # 28

Which of the following statements about next-hop groups is TRUE?

- A. The next-hop for a next-hop-group must be a local IP address.
- B. CMP destination unreachable message is always sent when blackhole is specified in the next-hop-group.
- **C. Multiple static routes can use the same next-hop-group.**
- D. A next-hop-group can only specify one next-hop for forwarding

Answer: C

Explanation:

Multiple static routes can share the same next-hop group, enabling efficient reuse of next-hop definitions for load balancing or redundancy.

NEW QUESTION # 29

Which of the following statements about Zero Touch Provisioning (ZTP) is FALSE?

- A. ZTP allows a router to become operational in the network without any pre-provisioning.
- B. The ZTP process is managed by the ZTP application in Nokia SR Linux.
- C. The ZTP process relies on a DHCP server for an IP address.
- **D. The ZTP process downloads a provisioning script defined in the TLS profile.**

Answer: D

Explanation:

The ZTP process downloads a provisioning script typically from a defined URL or server, not from a TLS profile. The TLS profile is used for securing communications but does not define the provisioning script location.

NEW QUESTION # 30

Which of the following statements about the MAC table shown in the exhibit output is FALSE?

A:dc-leaf-1# show network-instance mac-vrf-1 bridge-table mac-table all						
address	Destination	Dest Index	Type	Active	Aging	Last Update
00:02:01:FF:00:41	irb-interface	0	irb-interface	true	N/A	2021-12-08T21:10:17.000Z
00:25:BA:00:00:10	ethernet-1/10.0	3	duplicate	true	N/A	2021-12-10T20:41:22.000Z
00:25:BA:00:00:11	ethernet-1/11.0	4	learnt	true	290	2021-12-10T19:41:07.000Z

Total Irb Macs		: 1	Total	1	Active	
Total Static Macs		: 0	Total	0	Active	
Total Duplicate Macs		: 1	Total	1	Active	
Total Learnt Macs		: 1	Total	1	Active	
Total Macs		: 3	Total	3	Active	

- **A. The MAC address 00:25: BA:00:00:10 is learnt on more than one interface.**
- B. [interface ethernet-1/10 is configured with the MAC address 00:25:BA:00:00:10.
- C. The MAC re-learning rate has exceeded the threshold within the specified time frame.
- D. Mac-duplication detection is enabled in mac-vrf-1.

Answer: A

Explanation:

The MAC address 00:25:BA:00:00:10 is listed as "duplicate," but it appears only once associated with interface ethernet-1/10. Therefore, it is not learned on more than one interface.

NEW QUESTION # 31

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