

Nokia 4A0-D01考題資訊和PDFExamDumps -資格考試和4A0-D01的領導者: Nokia Data Center Fabric Fundamentals Exam



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 考試大綱：

主題	簡介
主題 1	• 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.

主題 2	SR Linux Logging, Monitoring, and Filtering: This section of the exam measures skills of a Data Center Network Engineer and addresses how to implement logging, monitoring, and traffic filtering in SR Linux. It explains log file usage, ACL types, CPM filtering, and packet capture filters. Configuration tasks involve applying ACLs and monitoring network activity using capture tools.
主題 3	Module 5 – EDA (Event Driven Automation) Introduction
主題 4	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.

>> 4A0-D01考題資訊 <<

Nokia 4A0-D01證照資訊，最新4A0-D01考題

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最新的 Nokia Certified Data Center Fabric Professional 4A0-D01 免費考試真題 (Q14-Q19):

問題 #14

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.

答案: D

解題說明:

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.

問題 #15

Which of the following statements about Nokia's SR Linux logging is FALSE?

- A. SR Linux supports the use of filters to select log messages.
- B. SR Linux logs can be saved locally as an encrypted file.
- C. Logging parameter configuration is translated into the /etc/rsyslog.conf file.
- D. SR Linux logs are handled using facility local6 of the native Linux syslog utility.

答案: B

解題說明:

Nokia SR Linux does not natively support saving logs locally as encrypted files. Logs are managed using standard Linux syslog facilities and can be filtered, but encryption of local log files is not a built-in feature.

問題 #16

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.

答案： B

解題說明：

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.

問題 #17

Based on the exhibit output, which of the following statements is TRUE?



```
A:dc-leaf-2# tools system traffic-monitor protocol icmp
:
1      0.000000000    ethernet-1/10.0 192.168.201.2 192.168.101.2 ICMP 146 Echo (ping) request id=0x4d00, seq=0/0, ttl=6
2      0.999071319    ethernet-1/10.0 192.168.201.2 192.168.101.2 ICMP 146 Echo (ping) request id=0x4d00, seq=1/256,
ttl=64
3      0.999091850    ethernet-1/2.0 192.168.101.2 192.168.201.2 ICMP 146 Echo (ping) reply id=0x4d00, seq=1/256,
ttl=62 (request in 2)
4      1.998173614    ethernet-1/10.0 192.168.201.2 192.168.101.2 ICMP 146 Echo (ping) request id=0x4d00, seq=2/512,
ttl=64
5      1.999246136    ethernet-1/2.0 192.168.101.2 192.168.201.2 ICMP 146 Echo (ping) reply id=0x4d00, seq=2/512,
ttl=62 (request in 4)
:
```

- A. An ACL filter is configured to accept ICMP packets, which are then processed by the tcpdump-like utility.
- B. capture-filter is configured to copy ICMP packets to the CPM where they are processed by the tcpdump-like utility.
- C. A cpm-filter policer is configured to rate limit ICMP packets, which are then captured in a log file.
- D. A cpm-filter is configured to accept ICMP packets, which are then captured in a log file.

答案： B

解題說明：

The exhibit shows ICMP packets being captured and displayed by a tcpdump-like utility, which indicates that a capture-filter is configured to copy ICMP packets to the Control Plane Manager (CPM) where they are processed and monitored.

問題 #18

Which of the following statements about a CPM-filter policer is FALSE?

- A. Hierarchical policing of control plane traffic is supported.
- B. The system-cpu-policer is hardware-based.
- C. CPM-filter entries can use both a distributed-policer and a system-cpu-policer.
- D. The system-cpu-policer acts on the aggregate traffic from all line cards.

答案： B

解題說明：

The system-cpu-policer in Nokia SR Linux is software-based, not hardware-based. It acts on aggregate control plane traffic and supports hierarchical policing with CPM-filter entries using both distributed and system-cpu-policers.

問題 #19

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