

H31-611^{Q&As}

HCNA - SDN(Huawei Certified Network Associate - SDN)

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QUESTION 1

SNMP uses connectionless UDP as the transmission protocol, whereas NETCONF uses connection-oriented TCP.

- A. TRUE
- B. FALSE

Correct Answer: B

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1000102491?section=k006>

QUESTION 2

OpenFlow channel establishment and maintenance involves which of the following messages? (Choose all that apply.)

- A. Hello message
- B. Features Request message
- C. Echo Request message
- D. PortStatus message

Correct Answer: ABC

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1000102491?section=k007>

QUESTION 3

Which of the following are true about SDN? (Choose all that apply.)

- A. In the SDN architecture, the underlying switches need to provide only the most basic and simple functions.
- B. SDN is applicable to cloud computing providers and enterprises facing substantially increasing workloads/
- C. SDN's forwarding-control separation architectures standardize and simplifies network devices.
- D. SDN cannot implement flexible and centralized control and cloudfield application awareness.

Correct Answer: BC

QUESTION 4

The SFUs of the NE40E-X8A used on an SDN network employ which of the following redundancy methods?

- A. 1:1
- B. 1+1

C. 2+1

D. 3+1

Correct Answer: D

Reference: <https://actfornet.com/huawei-net/core-router.html>

QUESTION 5

Which of the following statements are true about the comparison between OSPF and IS-IS? (Choose all that apply.)

A. OSPF runs on the IP layer, and IS-IS runs on the data link layer.

B. For IS-IS, a router belongs to multiple areas, but in OSPF, a router can belong to only one area.

C. DIS election in IS-IS is simple, preemptive, and can be predicted. DR election in OSPF is unpredictable and non-preemptive.

D. OSPF supports P2P/P2MP/NBMA/broadcast networks. IS-IS supports only P2P and broadcast networks.

Correct Answer: AB

Reference: <https://learningnetwork.cisco.com/thread/123472>

QUESTION 6

Which of the following statements about SNMP are not true? (Choose all that apply.)

A. SNMP is an application layer protocol that requires reliable TCP at the transport layer to provide services.

B. SNMP is used to manage information transmitted between the two points, making it easy for administrators to perform operations.

C. SNMP uses the client/server model.

D. There are three SNMP protocol versions. Currently, only SNMPv3 supports community name-based security mechanisms.

Correct Answer: BC

Reference: <https://www.auvik.com/franklymsp/blog/network-basics-what-is-snmp/>

QUESTION 7

Which of the following methods does not support traffic importing to the MPLS TE tunnel?

A. Static routing

B. Dynamic routing

- C. Automatic routing
- D. Policy-based routing

Correct Answer: B

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1000178173/b6870a3b/importing-traffic-to-an-mpls-te-tunnel>

QUESTION 8

For a router that runs BGP4, which of the following statements is not true?

- A. When multiple paths exist, BGP4 selects the optimal path.
- B. BGP notifies the routes obtained from EBGP to all its BGP peers.
- C. BGP advertises to BGP peers only the routes it uses.
- D. BGP4 notifies the routes obtained from IBGP to all its BGP peers.

Correct Answer: B

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1100028526?section=j06yandtopicName=configuring-bgp4-load-balancing>

QUESTION 9

Which of the following statements is true about proxy ARP?

- A. Proxy ARP allows a gateway directly connected to the host to use its own MAC address to reply to ARP requests in place of destination host.
- B. Proxy ARP allows a gateway directly connected to the host to help the destination host to transmit ARP packets across VLANs.
- C. Proxy ARP is used for communication within a VLAN.
- D. Proxy ARP means to buy the permission to use ARP packets from a proxy.

Correct Answer: A

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1000166635/620f63f3/proxy-arp>

QUESTION 10

Which of the following descriptions are true about SDN? (Choose all that apply.)

- A. SDN is OpenFlow.
- B. SDN supports forwarding-control separation.

C. SDN provides programmable open interfaces.

D. SDN is short for software-defined networking.

Correct Answer: BCD

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