



H31-611^{Q&As}

HCNA - SDN(Huawei Certified Network Associate - SDN)

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QUESTION 1

On an SDN network, OpenFlow connection backup data mainly includes which of the following? (Choose all that apply.)

- A. Collected forwarder interface information
- B. Binding relationship between the logical interface of the controller and the forwarder's physical interface
- C. Connection management information of the forwarder
- D. Collected forwarder VLAN information

Correct Answer: ABC

Reference: https://actfornet.com/HUAWEI_SWITCH_DOCS/All_Docs/HUAWEI%20CloudEngine%20Series%20Switches%20VXLAN%20Technical%20White%20Paper.pdf (11)

QUESTION 2

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 3

Which of the following factors does not affect the performance of the SDN network?

- A. Network congestion
- B. Routing loop
- C. Access loop
- D. Access control list
- E. Non-optional route

Correct Answer: D



QUESTION 4

The OpenFlow protocol in SDN architecture is led and actively promoted by the IETF.

- A. TRUE
- B. FALSE

Correct Answer: A

Reference: <https://www.mdpi.com/1999-5903/6/2/302/htm>

QUESTION 5

Regarding the VS technology of CE series switches on an SDN network, which of the following statements are true? (Choose all that apply.)

- A. All ports on a forwarding chip of the LPU must be allocated to the VS in Group mode at the same time.
- B. All ports on a forwarding chip of the LPU must be allocated to the VS in Port mode at the same time.
- C. Any LPU ports can be freely assigned at any VS in Group mode.
- D. Any LPU ports can be freely assigned at any VS in Port mode.

Correct Answer: AD

Reference: <https://forum.huawei.com/enterprise/en/cloudengine-series-switches-faqs-4-3-vs/thread/420793-861>

QUESTION 6

What kind of BGP packet contains routing information?

- A. Open
- B. Update
- C. Keepalive
- D. Notification

Correct Answer: B

Reference: <http://www.ciscopress.com/articles/article.asp?p=2756480andseqNum=3>

QUESTION 7

NETCONF supports which of the following operations? (Choose all that apply.)



- A. get
- B. lock
- C. close
- D. kill

Correct Answer: AB

Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000043093?section=j006#dc_fd_netconf_0007

QUESTION 8

Which of the following statements are true about the DIS in IS-IS? (Choose all that apply.)

- A. A DIS creates and updates pseudo nodes on a broadcast network.
- B. DIS election is unpredictable.
- C. When all IS priorities are the same within a LAN, the IS with the largest MAC address is elected as the DIS.
- D. DIS election on a broadcast network is held in preemption mode.

Correct Answer: AC

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1100055485/4110e8a/basic-protocols-ofis-is>

QUESTION 9

IN SNMP, managed devices use which of the following messages to actively send alarms to the NMS?

- A. Trap
- B. Inform
- C. Get
- D. Set

Correct Answer: A

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1100055109/1a93c76d/configuring-a-device-to-communicate-with-an-nms-using-snmpv2c>

QUESTION 10

In the SDN VXLAN solution, when an OpenFlow connection between the controller and a forwarder is torn down, the forwarder retains the static MAC address and ARP entries so that traffic can be normally forwarded.

- A. TRUE



B. FALSE

Correct Answer: A

Reference: <https://support.huawei.com/enterprise/en/doc/EDOC1000062639?section=j009>

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