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Huawei

H19-301_V4.0

HCSA-Presales-IP Network

V4.0 Exam

QUESTION: 1

[Huawei Data Center Network Products and Solutions]

VXLAN uses MAC-in-UDP encapsulation to extend Layer 2 networks. It encapsulates Ethernet frames into IP packets for routing, without considering the MAC addresses of VMs. In addition, routed networks are not limited by the network architecture and support large-scale scalability. VM migration through routed networks is also not limited by the network architecture.

- A. True
- B. False

Answer(s): A

QUESTION: 2

[Huawei Campus Network Solution and Switch Products]

The free mobility solution allows a user on a campus network to obtain the same network access policy regardless of the user's location and IP address. When configuring a policy, the administrator does not need to pay attention to the IP address ranges of different users, but only needs to focus on the logical access relationships between users and servers.

- A. True
- B. False

Answer(s): A

QUESTION: 3

[Data Communication Network Basics]

What are the characteristics of Segment Routing?

- A. Its deployment is dependent on the controller.
- B. It introduces the source routing mechanism conforming to SDN.
- C. Its deployment is dependent on LDP and RSVP.
- D. It reduces the number of protocols and extends IGP/BGP to support label distribution without depending on LDP or RSVP.

Answer(s): B, D

QUESTION: 4

[Huawei Network Security Products and Solutions]

If only one firewall is deployed at the egress of the network, a failure on the firewall will affect services on the entire network. To improve network reliability, you can deploy two or more firewalls and set up a stack system. Member firewalls do not need to be managed independently. You only need to configure the stack system.

- A. True

B. False

Answer(s): A

QUESTION: 5

[Huawei Data Center Network Products and Solutions]

Which of the following statements are true about the underlay and overlay concepts on a data center network? (Select all that apply)

A. After implementing overlay technology, there is no need to deploy routing protocols or static routes on the underlay network.

B. An underlay network is a bearer network consisting of various physical devices, such as switches and VAS devices.

C. Overlay technology is a tunneling method that encapsulates service packets and transmits them transparently over the underlay network, with the origin recovered after reaching their destination.

D. Overlay is a software-defined logical network built on the underlay network using VXLAN.

Answer(s): B, C, D

QUESTION: 6

[Huawei Campus SD-WAN Products and Solutions]

The campus WAN interconnection solution is a sub-solution provided in the CloudCampus Solution for the interconnection between branch campuses and between branches and the HQ or DCs. With SD-WAN functions integrated, the solution provides two WAN interconnection models: static IPsec VPN and SD-WAN interconnection.

A. True

B. False

Answer(s): A

QUESTION: 7

[Huawei Campus Network Solution and Switch Products] In the NAC solution, which of the following authentication modes does not require users to install any client software and is applicable to scenarios where dumb terminals such as IP phones and printers need to access the network?

A. 802.1X authentication

B. Wireless authentication

C. Portal authentication

D. MAC address authentication

Answer(s): D

QUESTION: 8

[Huawei Campus Network Solution and Switch Products] Which of the following technologies implements inter-device link aggregation, and can be used to build an active-active system to provide traffic load balancing and backup protection?