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HCIA-Routing & Switching V2.2

Huawei H12-211 V2.2

Version Demo

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QUESTION NO: 1

Segment routing-traffic engineering (SR-TE) is a new TE tunneling technology that uses SR as a control protocol. All nodes of an SR-TE tunnel, including the ingress and transit nodes, must be aware of the tunnel and complete label distribution and forwarding.

- A. True
- B. False

ANSWER: A**QUESTION NO: 2**

On Huawei AR G3 Series routers, which authentication modes does AAA support? (Choose all that apply.)

- A. None
- B. Local
- C. Radius
- D. 802.1X

ANSWER: A B C**QUESTION NO: 3**

Which of the following statements about collision domains and broadcast domains are correct? (Choose three)

- A. Devices connected to the same hub form a collision domain
- B. Devices connected to the same hub form a broadcast domain
- C. Devices connected to the same bridge form a collision domain
- D. Devices connected to the same bridge form a broadcast domain
- E. Devices connected to the same router form a broadcast domain

ANSWER: A B D

QUESTION NO: 4

Which of the following statements regarding the router ID in OSPF are incorrect? (Choose three)

- A. The router IDs of OSPF routers in the same area must be the same, but can be different in different areas.
- B. The router ID must be the IP address of an OSPF router interface.
- C. The router ID must be configured manually.
- D. A router running OSPF must have a router ID for it to operate properly.

ANSWER: A B C

QUESTION NO: 5

A user logged into a VRP supported device through telnet, but when attempting to configure the device, found that he is unable to use the system-view command to enter the system-view. What are the possible reasons for this? (Choose two)

- A. The device's VTY interface only provides permission for some telnet users to run the system-view command.
- B. The user's telnet software restricts use of this command.
- C. The user's privilege level is lower than the level associated with the system-view command.
- D. The system-view command privilege level is lower than the level associated with the user.

ANSWER: A C

QUESTION NO: 6

To establish multiple PPP point-to-point connections in the Ethernet network, a PPPoE server establishes connections with multiple PPPoE clients on one Ethernet port.

How does PPPoE differentiate between each connection?

- A. MAC address.
- B. IP address and MAC address
- C. MAC address and ppp-id
- D. MAC address and session-id

ANSWER: D

QUESTION NO: 7

How many domains can be configured on a Huawei router?

- A. 30
- B. 31
- C. 32
- D. 33

ANSWER: A

QUESTION NO: 8

Which of the following statements are correct about NAT? (Choose three)

- A. NAT is the abbreviation for "Network Address Translation".
- B. NAT is used for translation between private and public network addresses.
- C. When hosts inside a private network access the outside network, NAT is not required.
- D. NAT provides an effective way to solve the problem of insufficient IP addresses.

ANSWER: A B D

QUESTION NO: 9

Two routers are connected through serial interfaces and support PPP encapsulation.

Which parameters must be negotiated to establish the PPP connection? (Choose three).

- A. MRU
- B. Authentication password
- C. Magic-Number
- D. IP address

ANSWER: A C D

QUESTION NO: 10

An administrator discovered he/she was unable to use TFTP to transfer files to the router.

Which of the following describes the likely reason for this?

- A. The TFTP service had been disabled on the router.
- B. TCP port 69 of the server had been blocked.
- C. UDP port 69 of the server had been blocked.
- D. The username and password had been modified.

ANSWER: C

QUESTION NO: 11

Which of the following statements is true about the MAC address table of a switch?

```
<Huawei>dis mac-address  
MAC address table of slot 0:
```

MAC Address	VLAN/ VSI/SI	PEVLAN	CEVLAN	Port	Type	LSP/LSR-ID
				MAC-Tunnel		
5489-9811-0b49	1	-	-	Eth0/0/3	static	-

Total matching items on slot 0 displayed = 1

```
MAC address table of slot 0:
```

MAC Address	VLAN/ VSI/SI	PEVLAN	CEVLAN	Port	Type	LSP/LSR-ID
				MAC-Tunnel		
5489-989d-1d30	1	-	-	Eth0/0/1	dynamic	0/-
5489-9885-18a8	1	-	-	Eth0/0/2	dynamic	0/-

Total matching items on slot 0 displayed = 2

- A. The MAC address 5489-9811-0b49 is manually configured by the administrator.
- B. The MAC address 5489-989d-1d30 is manually configured by the administrator.
- C. The MAC address 5489-9885-18a8 is manually configured by the administrator.
- D. After the switch restarts, all the MAC addresses need to be learned again.

ANSWER: A**QUESTION NO: 12**

Which of the following entries is not included in the routing table?

- A. source address
- B. next hop
- C. destination address
- D. cost

ANSWER: A**QUESTION NO: 13**

Refer to the graphic, after the ping 10.1.1.2 command is executed on R1, LSW1 receives a tagged data frame from VLAN 10 on LSW2.



```
[R2]interface GigabitEthernet0/0/0
[R1-GigabitEthernet0/0/0]ip address 10.1.1.1 255.255.255.0
#
[LSW1]interface GigabitEthernet0/0/1
[LSW1-GigabitEthernet0/0/1] port hybrid untagged vlan 10 20
[LSW1-GigabitEthernet0/0/1] port hybrid pvid vlan 10
[LSW1]interface GigabitEthernet0/0/2
[LSW1-GigabitEthernet0/0/2]port link-type trunk
[LSW1-GigabitEthernet0/0/2]port trunk allow-pass vlan 10 20
#
[LSW2]interface GigabitEthernet0/0/2
[LSW2-GigabitEthernet0/0/2]port link-type trunk
[LSW2-GigabitEthernet0/0/2]port trunk allow-pass vlan 10 20
[LSW2]interface vlanif 10
[LSW2-Vlanif10]ip address 10.1.1.2 255.255.255.0
```

A. TRUE

B. FALSE

ANSWER: B

QUESTION NO: 14

An administrator currently manages AR2200 devices in the network through a single password, however the company wishes to introduce another two administrators and provide unique user credentials and privilege levels for telnet access to the network devices.

What action can be taken? (Choose three)

- A.** Configure three users under the AAA-view, and assign each a different password.
- B.** The authentication mode must be changed to AAA.
- C.** Each administrator must be assigned a privilege level.
- D.** A public IP address must be assigned to each user for telnet access

ANSWER: A B C

QUESTION NO: 15

Which of the following storage devices is used to store the startup configuration files in a router?

- A.** SDRAM
- B.** NVRAM
- C.** Flash
- D.** BootROM

ANSWER: B