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**Huawei H12-211**

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## QUESTION NO: 1

Which of the following configurations regarding static route are correct? (Choose all that apply)

- A. ip route-static 129.1.0.0 16 serial 0
- B. ip route-static 10.0.0.2 16 129.1.0.0
- C. ip route-static 129.1.0.0 16 10.0.0.2
- D. ip route-static 129.1.0.0.255.255.0.0 10.0.0.2

**ANSWER: A C D**

## QUESTION NO: 2

An Ethernet port can work one of three duplex modes, whereas an Optical Ethernet port only supports one single mode.

Which of the following represents this mode?

- A. Full-duplex
- B. Half-duplex
- C. Auto-negotiation
- D. Simplex

**ANSWER: A**

## QUESTION NO: 3

IPv6 can also be called:

- A. RIPng
- B. IP+
- C. IPng
- D. NextIP

**ANSWER: C**

## QUESTION NO: 4

According to the following DHCPv6 address pool configuration of a router, which of the following DNS server addresses can the host that uses DHCPv6 stateful autoconfiguration obtain?

#

```
dhcpv6 pool test address prefix 3000::/64 excluded-address 3000::1 dns-server 2000::1 dns-domain-name huawei dns-domain-name huawei.com #
```

- A. 3000::1/64
- B. 2000::1/64
- C. 3000::2/64
- D. 3000::3000/64

**ANSWER: B**

## QUESTION NO: 5

How can the default route be generated? (Choose all that apply.)

- A. Manually configured.
- B. Automatically generated by the router.
- C. Generated by dynamic routing protocols.
- D. Generated by link layer protocols.

**ANSWER: A C**

## QUESTION NO: 6

According to the figure, which of the following statements is true?



- A. Host A and Host B can communicate with each other only when the IP addresses of host A and host B have the same masks.
- B. Host A can successfully ping host B.  
Therefore, Host A and Host B cannot communicate with each other.
- C. The IP address mask of Host A is different from that of Host
- D. The broadcast addresses of Host A and Host B are the same.

**ANSWER: B**

## QUESTION NO: 7

Which of the following parameters is not contained in STP configuration BPDUs?

- A. Root ID
- B. VLAN ID
- C. Bridge ID
- D. Port ID

**ANSWER: B**

## QUESTION NO: 8

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: 9

Which of the following VRP commands can be used to enter area 0 view? (Choose two)

- A. [Huawei]ospf area 0
- B. [Huawei-ospf-1]area 0
- C. [Huawei-ospf-1]area 0.0.0.0
- D. [Huawei-ospf-1]area 0 enable

**ANSWER: B C**

## QUESTION NO: 10

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: 11

A router has learned two routes for the same network with the same prefix. One route has been learned via OSPF with a metric of 4882, while the other route has been learned via RIPv2 with a metric of 4.

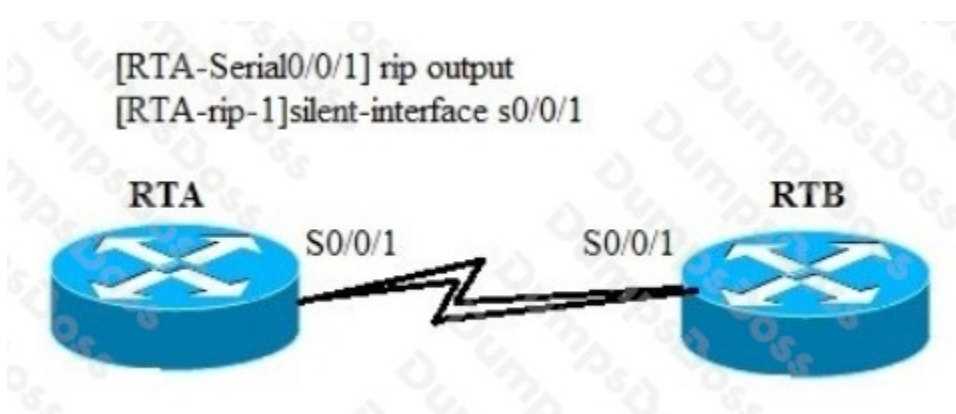
Which route (s) will be found in the routing table?

- A. The RIPv2 route.
- B. The OSPF and RIPv2 routes.
- C. The OSPF route.
- D. Neither of these routes will be found in the routing table.

**ANSWER: C**

## QUESTION NO: 12

Refer to the graphic. An administrator has configured RIPv2 in the two routers. What will happen after configuring the following commands: (Choose all that apply)



- A. RTA will have the route learned from the RTB
- B. RTB will have the route learned from the RTA
- C. RTA will have no neighbor relationship with RTB
- D. RTB will have no neighbor relationship with RTA

**ANSWER: A D**

## QUESTION NO: 13

The output of the “display vlan” command on a switch is as follows.

```
[SWA]display vlan
The total number of vlans is : 5
-----
U: Up;      D: Down;      TG: Tagged;      UT: Untagged;
MP: Vlan-mapping;      ST: Vlan-stacking;
#: ProtocolTransparent-vlan;      *: Management-vlan;
-----
VID  Type  Ports
-----
1   common  UT:GEO/0/3(D)   GEO/0/4(D)   GEO/0/5(D)   GEO/0/6(D)
      GEO/0/7(D)   GEO/0/8(D)   GEO/0/9(D)   GEO/0/10(D)
      GEO/0/11(D)  GEO/0/12(D)  GEO/0/13(D)  GEO/0/14(D)
      GEO/0/15(D)  GEO/0/16(D)  GEO/0/17(D)  GEO/0/18(D)
      GEO/0/19(D)  GEO/0/20(D)  GEO/0/21(D)  GEO/0/22(D)
      GEO/0/23(D)  GEO/0/24(D)
      TG:GEO/0/1(U)

10  common  UT:GEO/0/1(U)   GEO/0/2(U)
20  common  TG:GEO/0/1(U)

30  common  TG:GEO/0/1(U)

40  common  TG:GEO/0/1(U)
```

Which of the following statements are true?

- A. When GE0/0/1 of the switch forwards data frames from VLAN 20, the frames are untagged.
- B. When GE0/0/1 of the switch forwards data frames from VLAN 10, the frames are untagged.
- C. When GE0/0/2 of the switch forwards data frames from VLAN 20, the frames are tagged.
- D. Four VLANs are manually created.

**ANSWER: B D**

## QUESTION NO: 14

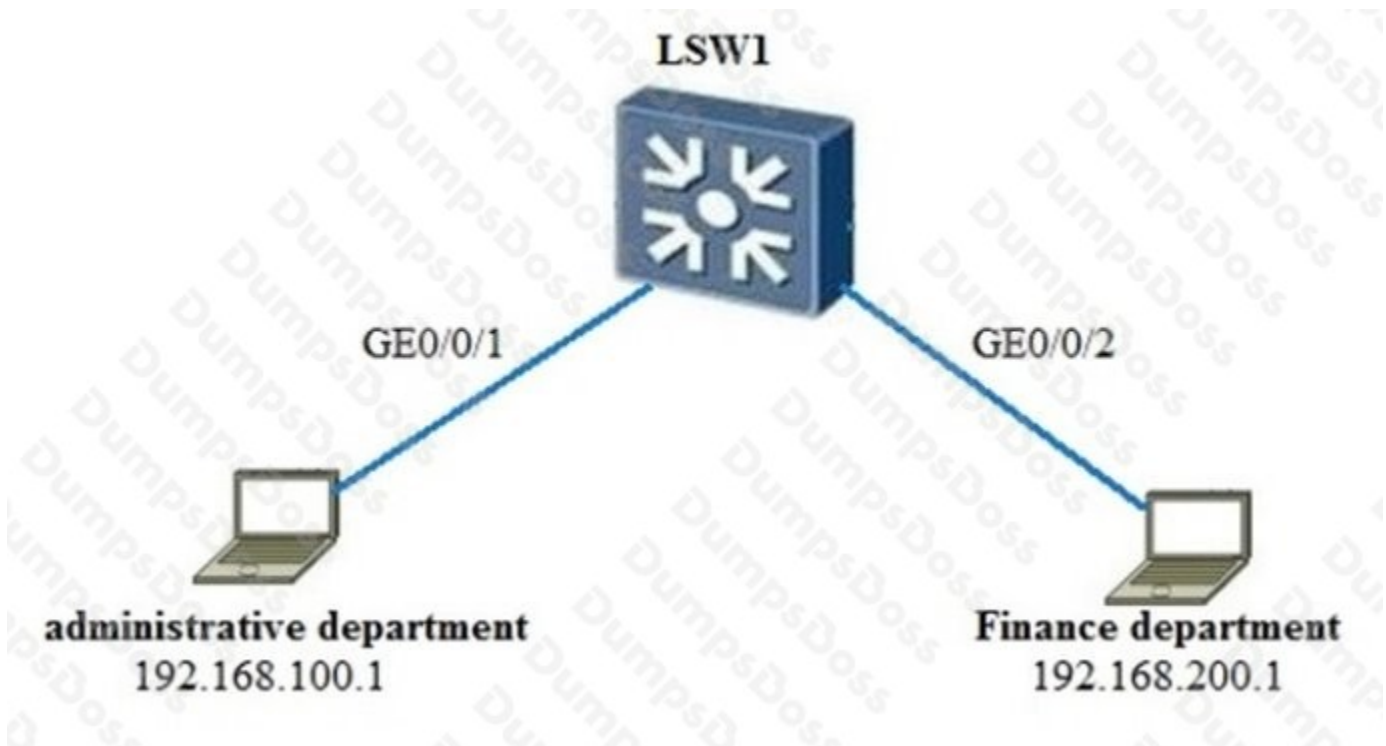
Which of the following commands can be used to display the routing table on a Quidway router?

- A. display ip path
- B. display ip routing-table
- C. display interface
- D. display current-configuration

**ANSWER: B**

## QUESTION NO: 15

Refer to the graphic. GE0/0/1 and GE0/0/2 on the switch are configured as hybrid interfaces. Which of the following statements are true? (Choose all that apply)



```
[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 hybrid untagged vlan 10 20
[LSW1 - GigabitEthernet0/0/2]port hybrid pvid vlan 20
```

- A. The administrative department and the finance department cannot communicate with each other because the VLANs of the two departments are different.
- B. The data frames sent by the administrative department carry tagged VLAN 20 on the switch.
- C. On the switch, the data frames sent by the finance department carry tagged VLAN 20.
- D. The switch can be a Layer 2 or Layer 3 switch because communications do not need to be transmitted through a Layer 3 gateway.
- E. If GE0/0/1 and GE0/0/2 on the switch are changed to trunk ports, the administrative department and finance department can communicate with each other.

**ANSWER: B C**

## QUESTION NO: 16

Which of the following statements regarding Designated Routers in OSPF are correct? (Choose three)

- A. DR is elected by all the routers in the same network segment.
- B. If the priorities of two routers are different, the router with the lower priority will be elected as DR.
- C. If the priorities of two routers are equal, the router with the higher Router ID will be elected as DR.
- D. DR and BDR must be adjacent.

**ANSWER: A C D**

## QUESTION NO: 17

Refer to the configuration output.

```
[Huawei-GigabitEthernet0/0/0.1] port link-type access
[Huawei-GigabitEthernet0/0/0.1] port default vlan 10
[Huawei-GigabitEthernet0/0/0.2] port link-type trunk
[Huawei-GigabitEthernet0/0/0.2] port trunk-allow pass vlan 10
```

Which of the following statements regarding the configuration output are correct? (Choose all that apply.)

- A. The PVID on interface GigabitEthernet0/0/1 is 10.
- B. The PVID on interface GigabitEthernet0/0/1 is 1.
- C. The PVID on interface GigabitEthernet0/0/2 is 10.
- D. The PVID on interface GigabitEthernet0/0/2 is 1.

**ANSWER: A D**

## QUESTION NO: 18

UDP is connectionless oriented, which of the following must be used in order to ensure reliability?

- A. Internet Protocol
- B. Application Layer Protocol
- C. Network Layer Protocol
- D. Transmission Control Protocol

**ANSWER: B**

## QUESTION NO: 19

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: 20

Which of the following statements is false about OSPF area partition?

- A. The link state databases (LSDBs) of routers are the same in the same OSPF area.
- B. OSPF area partition can reduce the LSDB size of the router.
- C. Area 0 is the backbone area, and other areas must be connected to this area.
- D. Only area border routers (ABRs) can function as the autonomous system boundary routers (ASBRs).

**ANSWER: B**