



H31-161^{Q&As}

HCIE-Carrier IP (Written) V2.0

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QUESTION 1

pim c-rp Ethernet6/2/0 timer hello 100 state-refresh-interval 10 state-refresh-ttl 60 Interface Ethernet6/2/0Ip address 20.1.1.3 255.255.255.0 Pim timer hello 45 Pim dm # Which of the following statements are false?

- A. If the PIM-DM is enabled at Ethernet 6/2/0 on a router, the PIM-SM cannot be enabled at other interfaces on the router.
- B. Ethernet 6/2/0 sends a PIM hello message every 100 seconds.
- C. The TTL value is 60 in state-refresh messages sent by the router.
- D. Ethernet 6/2/0 sends a state-refresh message every 10 seconds.

Correct Answer: BD

QUESTION 2

With the SA, which of the following, option is correct?

- A. KE SA is unidirectional
- B. IKE SA is bidirectional
- C. IPSec SA is unidirectional
- D. IPSec SA is bidirectional

Correct Answer: AD

QUESTION 3

Exhibit.



As shown in the figure, RTA connects to RTB and RTC. A TE tunnel is configured on RTA to reach RTC. The TE tunnel cannot be successfully established. However, CSPF-based calculation is successful and RTA does not receive any PathError messages. What are possible causes?

- A. An interface address on RTC is the same as the address of interface RTA-1.
- B. RSVP-TE is not configured at interface RTB-2.
- C. Different authentication keys are configured on interface RTB-2 and RTC-1.

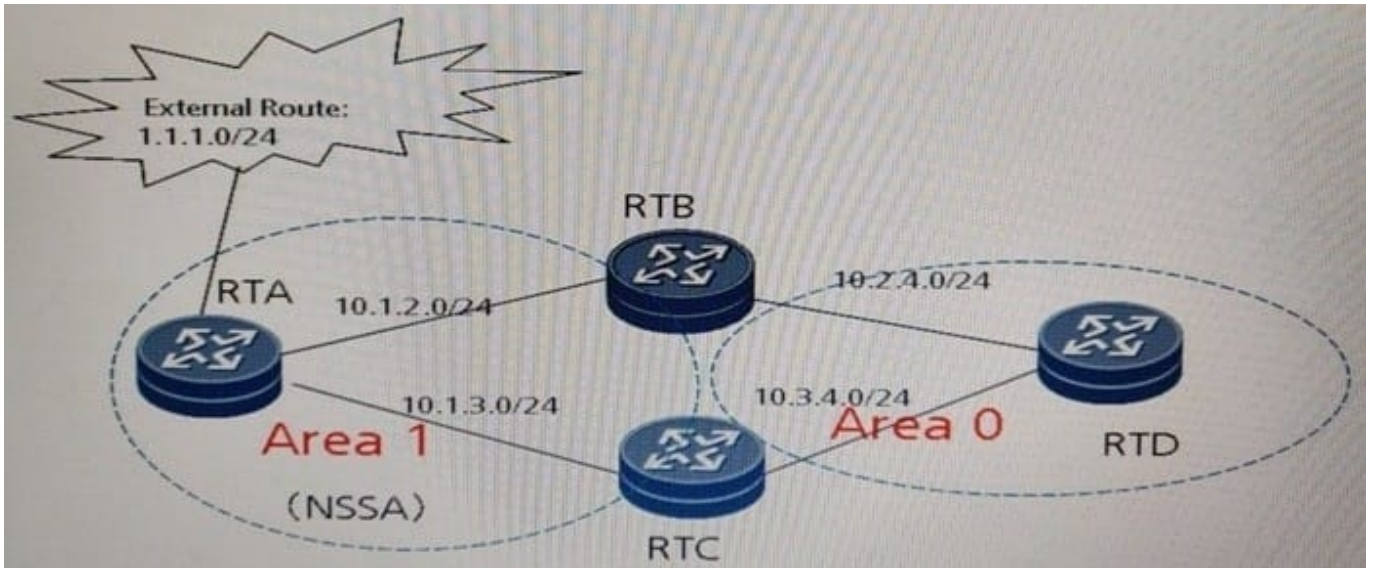


D. The reserved bandwidth is insufficient at interface RTB-2

Correct Answer: D

QUESTION 4

Exhibit.



As shown in the figure, external route 1.1.1.0/24 is imported to RTA that is located in the NSSA area RTD is a backbone area router. RTB and RTC are both area border router (ABRs). OSPF configuration are as follows.

```
RTB:
#
ospf 1 router-id 2.2.2.2
area 0.0.0.0
network 10.2.4.0 0.0.0.255
network 2.2.2.2 0.0.0.0
area 0.0.0.1
network 10.1.2.0 0.0.0.255
nssa
#
return
RTC:
#
ospf 1 router-id 3.3.3.3
area 0.0.0.0
network 10.3.4.0 0.0.0.255
network 3.3.3.3 0.0.0.0
area 0.0.0.1
network 10.1.3.0 0.0.0.255
nssa
#
return
```



Which statement is true?

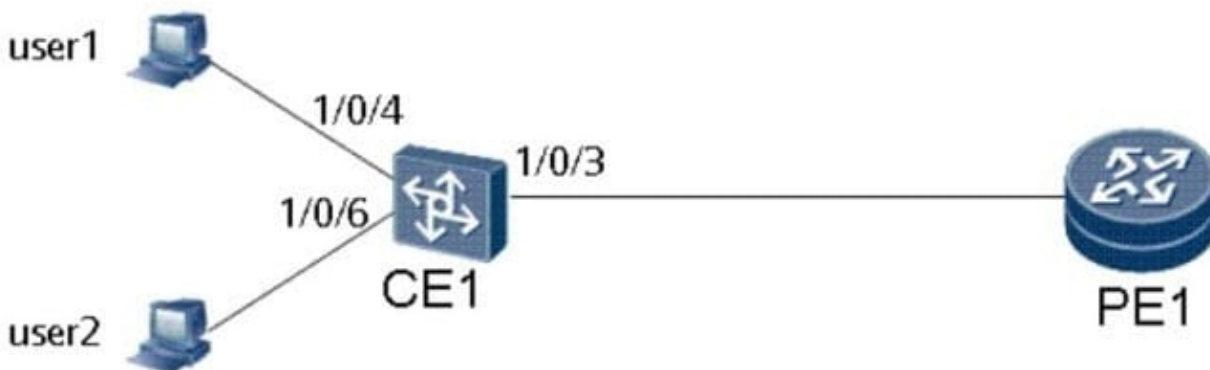
- A. RTD receive two external LSAs whose LS_ID is 1.1.1.0
- B. RTD receive an external LSAs whose LS_ID is 1.1.1.0 and advRouter is 2.2.2.2.
- C. RTD receive an external LSAs whose LS_ID is 1.1.1.0 and advRouter is 3.3.3.3.
- D. RTD receive an external LSAs whose LS_ID is 1.1.10/24 based on category 7 LSAs sent by RTA

Correct Answer: C

QUESTION 5

As shown in the figure, CEs connect to users 1 and 2 through access interfaces or links. [Quidway-GigabitEthernet1/0/4]portswitch [Quidway-GigabitEthernet1/0/4]port link-type access [Quidway-GigabitEthernet1/0/4]port default vlan 1 [Quidway-GigabitEthernet1/0/6]portswitch [Quidway-GigabitEthernet1/0/6]port link-type access [Quidway-GigabitEthernet1/0/6]port default vlan 2 [Quidway-GigabitEthernet1/0/3]portswitch [Quidway-GigabitEthernet1/0/3]port link-type trunk [Quidway-GigabitEthernet1/0/3]port trunk permit-pass vlan 1 to 2 Users 1 and 2 require different network

transmission quality. Which of the following methods are feasible to configure 802.1p priority 1 for packets of user 1 and 802.1p priority 2 for packets of user 2?



- A. On a PE, configure Dot1q tunnel interfaces and simple traffic classification (STC) for interfaces on the private network.
- B. On a PE, configure vlan-mapping and STC for interfaces on the private network for users 1 and 2.
- C. On a PE, configure vlan-stacking and STC for interfaces on the private network for users 1 and 2.
- D. On a CE, configure STC for user VLANs on the user access side.

Correct Answer: BC