

# H31-161<sup>Q&As</sup>

### HCIE-Carrier IP (Written) V2.0

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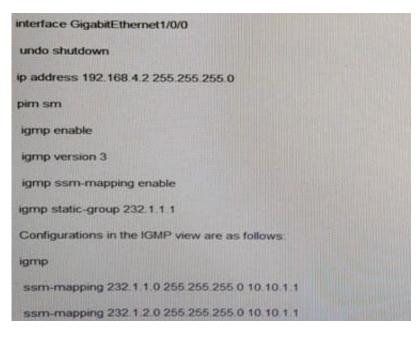
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#### **QUESTION 1**

RTA is a leaf router that directly connects to host A through interface GigabiteEthernet 1/0/0. The interface is configured as follows:



Hos a sends a IGMPv2 Report message to group 2321.2.3. Which entry can be displayed by the displayed by the igmp ssm-mapping group command?

A. (10.10.1.1, 232.1.2.2)

B. (10.10.1.1, 232.1.1.) and (10.10.1., 2321.2.3)

C. (10.10.1.1, 232.1.1.1)

Correct Answer: A

#### **QUESTION 2**



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, CSPFbased path calculation is successful and RTA does not receive any PathErro messages. What are possible causes?



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

Correct Answer: CD

#### **QUESTION 3**

Which statement is false?

- A. The ASM multicast forwarding model does not allow the receiver to specify a multicast source.
- B. The PIM SSM multicast routing protocol cannot set up shared multicast forwarding trees.
- C. The SSM multicast forwarding model considers an (S,G) entry as one channel.
- D. The IGMP SSM Mapping function is to map a (\*,G) Join message reported by the host to an (S,G) Join messag

Correct Answer: D

#### **QUESTION 4**

Which of the following statements describe the reliability requirements of the voice service for the IP bearer network?

A. Key modules of equipment must support active/standby switching or other redundancy backup functions.

B. The IP network uses a full/half-meshed structure and provides redundant links to strengthen the self-healing capability.

- C. Link protection switching time = 50 ms
- D. Link protection switching time can larger than 150 ms

Correct Answer: ABC

#### **QUESTION 5**

The Huawei router is the last hop DR where the SSM Mapping function is enabled at the interface.

Some IGMPv2 hosts expect to receive (1.0.0.1, 232.1.0.1), (1.0.0.1, 232.1.0.2), and (2.0.0.1, 232.1.3.2) data. How can you satisfy the preceding requirements with the least configurations?

- A. ssm-mapping 232.1.0.2 32 1.0.0.1
- B. ssm-mapping 232.1.0.1 32 1.0.0.1
- C. ssm-mapping 232.1.0.0 24 1.0.0.1



- D. ssm-mapping 232.1.3.2 16 2.0.0.1
- E. ssm-mapping 232.1.3.1 24 2.0.0.1
- F. ssm-mapping 232.1.3.0 8 2.0.0.1

Correct Answer: CE

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