



H31-161^{Q&As}

HCIE-Carrier IP (Written) V2.0

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QUESTION 1

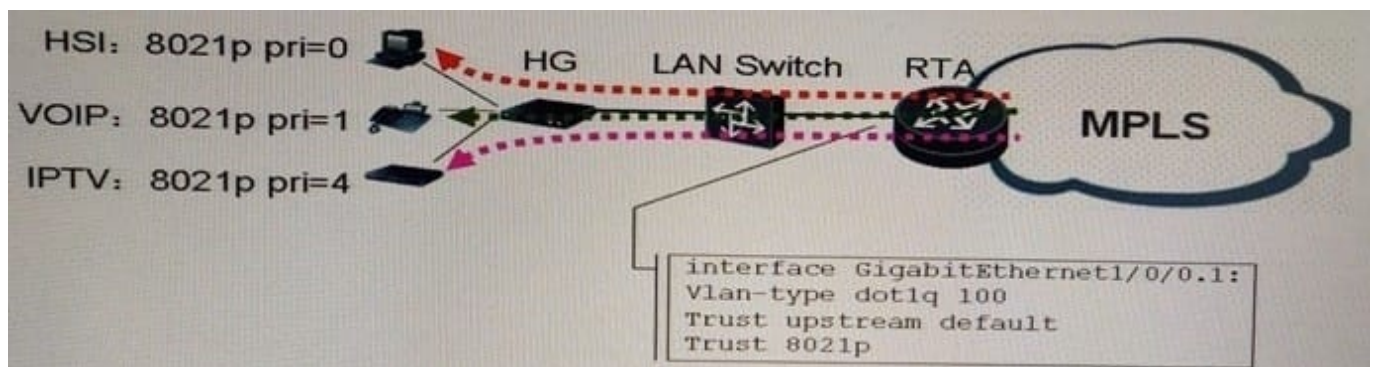
Which of the following are conditions for bringing the remote CCC connection Up? (ABE)

- A. The interface that is bound to a CCC connection is physically Up.
- B. MPLS is enabled on the outbound interface of the public network.
- C. MPLS LDP is enabled on the outbound interface of the public network.
- D. If a next hop is specified in CCC configuration, a route to the next hop is available.
- E. If an outbound interface is specified in CCC configuration, the outbound interface is Up.

Correct Answer: ABE

QUESTION 2

Exhibit.



RTA is an edge route of the MPLS backbone network. It provides the access for users under layer 2 switches and differentiates user by subinterface. User access VALN 100 and has subscribed to the His ViIP , and services. According to 802 1p priorities, the value 0 indicates the HIS service, 1 indicates the Volp service and 4 indicate the IPTV service. The DiffSerc model is deployed in E-LSP mode on the MPLS network,

And the STC is configured for subinterface on the access side of RTA (the qos phb disable command is not configured). Outgoing on the traffic on the G1/0/0.1 suninterface involves the His VoIp, and services on the access side of RTA.

Which statements about EXP about values corresponding to these three services is true?

- A. At least three EXP values be contained, and the values are uncertain.



- B. Only two EXP values be contains, and the values are certain.
- C. The EXP values must be 0, 1, and 4.
- D. Only one EXP may be contained, and the value is uncertain

Correct Answer: A

QUESTION 3

```
display current-configuration # multicast routing-enable # interface Ethernet6/1/0 ip address 10.1.1.1 255.255.255.0
igmp timer query 40 # igmp
```

The preceding are partial multicast router configurations. How long is the interval (in seconds) for sending IGMP General Query messages when IGMP is enabled on Ethernet 6/1/0?

- A. 15
- B. 10
- C. 40
- D. 60

Correct Answer: B

QUESTION 4

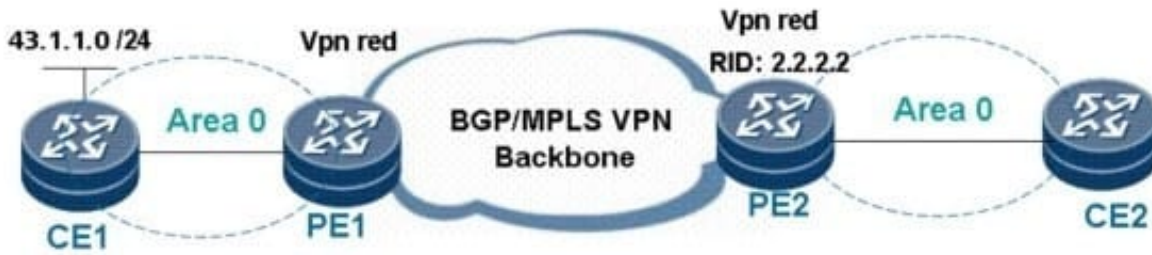
With the IPSec technology , which of the following description is true?

- A. IPSec delivers service for transmission layer
- B. ESP provides authentication service
- C. ESP is more simple than AH
- D. AH provides Data encryption

Correct Answer: B

QUESTION 5

Refer to the exhibit.



As shown in the figure, a CE requires access to the Internet, and PE 1 is connected to the Internet gateway. Configurations on PE 1 are as follows: PE 1: # nat address-group 0 175.31.1.3 175.31.1.10 # ip vpn-instance vrf1 route-distinguisher 192.168.1.1:100

```
vpn-target 100:1 export-extcommunity
```

```
vpn-target 100:1 import-extcommunity # acl number 2000 rule 5 permit vpn-instance vrf1 # # interface Serial0/0/1:0 link-protocol ppp ip binding vpn-instance vrf1 ip address 150.1.1.1 255.255.0.0 nat outbound acl 2000 address-group 0 # interface Pos2/1/0 clock master
```

```
link-protocol ppp ip address 175.31.1.1 255.255.0.0 # bgp 100 group ibgp internal peer ibgp connect-interface LoopBack0 peer 192.168.1.2 as-number 100 peer 192.168.1.2 group ibgp # ipv4-family unicast undo synchronization peer ibgp enable peer 192.168.1.2 enable peer 192.168.1.2 group ibgp
```

```
# ipv4-family vpnv4 policy vpn-target peer ibgp enable peer 192.168.1.2 enable peer 192.168.1.2 group ibgp # ipv4-family vpn-instance vrf1 default-route imported import-route direct import-route static group nei_vrf1 external peer nei_vrf1 as-number 65004 peer 150.1.1.2 as-number 65004 peer 150.1.1.2 group nei_vrf1 # ip route-static vpn-instance vrf1 0.0.0.0 0.0.0.0 175.31.1.2 PE 1 is connected to the Internet gateway
```

through interface 175.31.1.2. CE 1 and CE 2 cannot ping this interface. Which of the following statements are true?

- A. A default route must be configured on CE 1 and CE 2.
- B. A private network route must be configured on the Internet gateway.
- C. The public parameter of a static default route must be configured.
- D. NAT translation must be configured on interface pos2/1/0 instead of interface s0/0/1:0.

Correct Answer: CD

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